

# ICT BULLETIN

INFORMATION COMMUNICATION TECHNOLOGY

June, 2014 - Volume:2, Issue: 6

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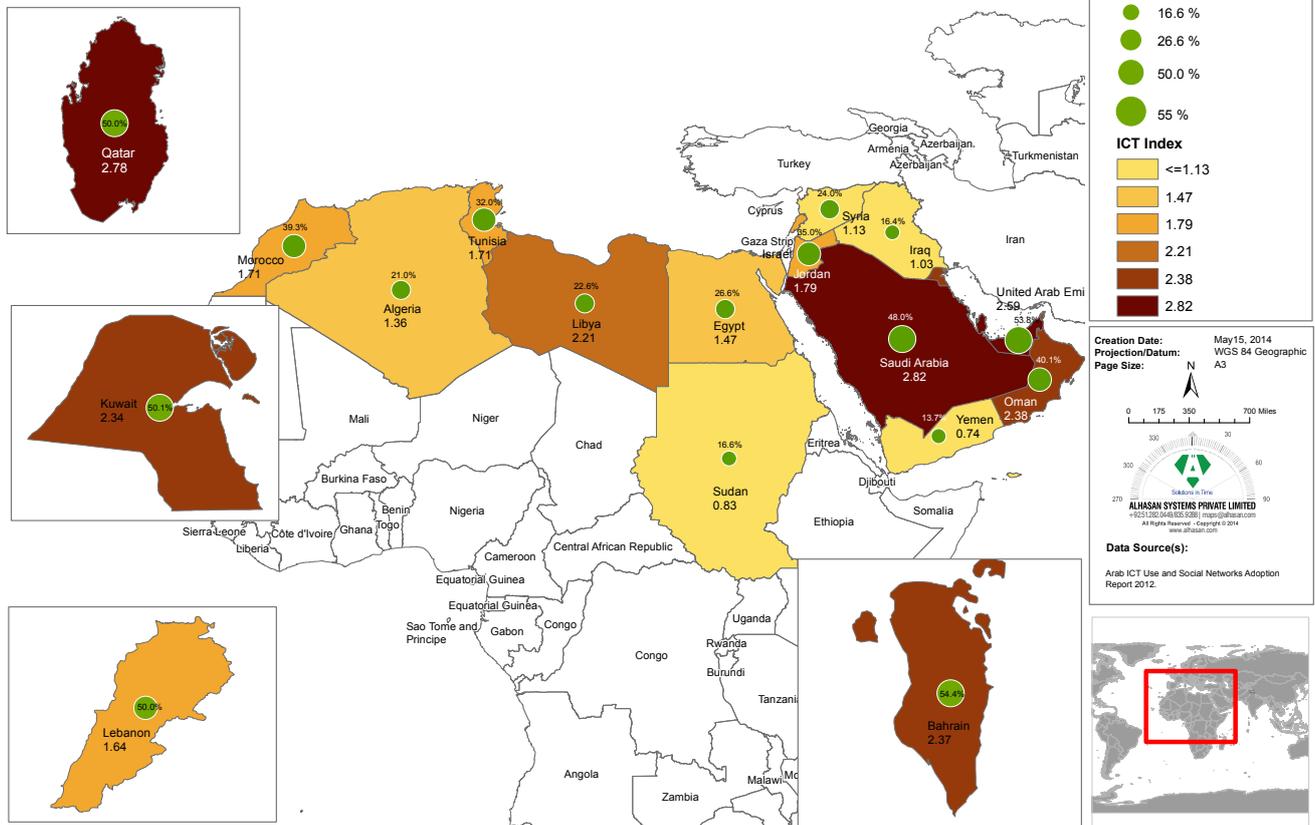
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## MAPS

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### ICT INDEX ARAB WORLD - 2012



**Legend**

**Internet Users Penetration Year 2012**

- 16.6 %
- 26.6 %
- 50.0 %
- 55 %

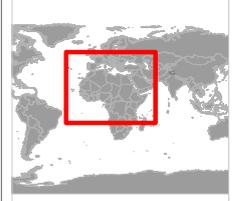
**ICT Index**

- ≤ 1.13
- 1.47
- 1.79
- 2.21
- 2.38
- 2.82

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 Arab ICT Use and Social Networks Adoption Report 2012.



# COMMON OPERATING PICTURE FOR DISASTER MANAGEMENT

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**NEWS HEADLINES**

**Wateen announces to meet NGMN demands with largest active metro-fibre**

*Daily Times, May 31, 2014*

**IT Ministry proposes Rs567.54m for its 19 PSDP projects**

*The Nation, May 31, 2014*

**Pakistani youth to participate in global IT competition**

*Daily Dawn, May 30, 2014*

**World's youngest microsoft professional**

*The Nation, May 29, 2014*

**Warid celebrates 9-year**

**DETAILS**

**LAHORE:** 'Carrier's Carrier', Wateen Telecom announced it was fully geared up to meet the high backhaul demands of the newly arrived Next Generation Mobile Networks (NGMN) with the largest operational metro-fibre in place. Wateen Telecom has an impressive record of establishing one of the largest long-haul networks (with 9 rings to ensure redundancy) from Karachi to Torkham comprising of ample capacities available both in transmission, packet and fibre networks to meet any kind of backhaul requirements. In metro areas, Wateen is present in 50 plus cities nationwide with extensive dark fibre and managed fibre networks, traversing for over 4,500 kilometres. Wateen is serving multiple operators and over 200 corporate customers with over 5,000 links in enabling world-class broadband services. Wateen's network is ideally placed to meet the data requirements of all NGMNs. The Company is further ensuring it extends its existing fibre optic network, which traverses over 4,500 kms across 50 plus cities by replacing copper wire with fibre optic cables for the BTS sites of cellular operators such as Zong, in anticipation of the NGMNs rollout. Of late, the shift to fibre optic cables has picked up pace and once mobile companies have access to fibre connected networks, the possibility of genuine 3G/4G technology becomes truly viable. Wateen possesses high-level expertise in WiFi offload designs and its operations are running over 200 HotSpots at major commercial locations across Pakistan. Wateen Telecom has already entered into an agreement with Huawei (together with Qubee) to upgrade its network infrastructure to support 4G LTE. Naeem Zamindar Chief Executive Officer Wateen Telecom said, "With the onset of 3G and 4G services, the country's mobile operators will start seeing added load on their networks and Wateen has many effective solutions that will work for the overall benefit of the entire telecom sector". Zamindar took this opportunity to congratulate all stakeholders on the successful completion of the 3G/4G auction. It is commendable the government and all those involved have finally completed this transparent auction process.

**ISLAMABAD:** Ministry of Information and Telecom has proposed a sum of Rs 567.546 million to be allocated under the head of Public Sector Development Programs for its 19 projects in the coming budget for the fiscal year 2014-15. Ministry has added 2 new projects in the PSDP and there are 17 projects it is already working on. The 2 new projects proposed by the ministry are Construction of Cross-Border Optical Fiber Cable System between China and Pakistan and E-Governance. MoIT has proposed to allocate Rs 20 million and Rs 100 million for the aforementioned projects respectively. The total cost of both new projects is calculated as Rs 4.4 billion and Rs 1 billion respectively. As per the approval status of the new projects, E-Governance yet fall in the category of un-approved project but the ministry is vigorously working on the project. Among the old projects it has proposed to allocate Rs 30 million for the project of Land Revenue Records Management System in Rural Areas of Islamabad, Rs 50 million for Laying of Optical Fiber Cable to connect remote areas of Gilgit Baltistan. The ministry has proposed Rs 30m for the project of Provision of GSM facilities in Neelum District of Azad Jammu and Kashmir and Rs 35 million for Interconnect Billing and Customer Support System for SCO, AJ&K and Gilgit Baltistan. Moreover it has proposed to allocate Rs 12 million for the computerisation of Prime Minister Secretariat and Rs 10 million for E-Enablement of FIA, Islamabad. Rs 31 million have already been spent on the computerisation of PM Secretariat.

**PESHAWAR:** Pakistani youth are to participate in the Information Technology World Championship 2014 for the first time. The event will be held in July 2014 in Disney Land, California, TEC Education Foundation president Engineer Senator Rukhsana Zuberi told reporters at the Peshawar Press Club on Thursday.

Ms Rukhsana said the competition offered mega opportunities to Pakistani youth to showcase their IT skills on the world forum besides opening career development opportunities and helping improve the country's soft image abroad. She said though the event had been taking place since 2004, Pakistan had never participated in it. The TEC education foundation president expressed the hope that efforts would be made for taking all required resources for Pakistan's participation in the next championship competition. "We are inviting Pakistani youth between 13 and 22 years of age to compete and become champions," she said. Ms Rukhsana said around 139 institutes had registered themselves for the competition, while preparations and practice for the event was underway in Islamabad, Karachi, Lahore, Multan, Peshawar, Rawalpindi, Hyderabad, Mansehra, Gujarat, Jhelum, Attock, Mirpur Azad Jammu and Kashmir, Mirpur Mathelo, Bahawalpur, Bahawalnagar, Chakwal, Attock, Arrar, Sahiwal, Dera Ismail Khan, Fatehjang, Gujjar Khan, Khaur, Khoshab, Kohat, Nowshera, Mardan, Murree and Muzaffarabad. Ms Rukhsana, who is the country's first woman mechanical engineer and first lady to chair Pakistan Engineering Council, urged the media to help her organisation reach out to the educational institutions and the youth. "Pakistani youths will be recognised at the world forum for their talents in information technology. This will open up unlimited career opportunities for them.

**LAHORE (PR):** A student of The Educators has become world's youngest Microsoft Certified Professional at the age of six year. Mehroze breaks world record by passing two Microsoft tests in single day. Project Director Ali Raza gave a tablet computer and a shield to the student as prize.

**LAHORE:** Warid Telecom celebrated its 9th anniversary. In all these years, Company has

### service excellence in country

*Daily Times, May 27, 2014*

shown solid results while it has constantly focused on its customer oriented services and innovative approach. Expressing gratitude towards Warid customers and employees Muneer Farooqui Chief Executive Officer Warid Telecom said, "We are standing on solid ground in the 9th year, while establishing a strong foundation for future development. The biggest achievement Warid makes today is its dedicated employees and loyal customers". Our service philosophy makes a solid difference in our level of services; it is at the heart of our success. The statistics of a recent 3rd party survey reveal 97 percent of Warid customers are happy with the quality of network service by the Company. Warid outscored other cellular operators by having more satisfied customers. As part of the Abu Dhabi Group, the single largest foreign investment group in the country, we at Warid believe we have a responsibility to constantly strive for excellence, he added. Warid is grateful to each of customer who has made brand a great success and thankful to our stakeholders for their trust and to our Chairman Sheikh Nahyan bin Mubarak Al Nahyan, Board of Directors, all our associates and everyone involved in making Warid a success. Warid is also recognised as one of the top socially devoted brands, outperforming 92 percent of global brand names as per Social Bakers report. Being the trend-setter and the leader in providing quality services, Warid Telecom continues to earn customer trust by setting excellence benchmarks in the services industry of Pakistan.

### PTCL receives customer service appreciation award

*Daily Times, May 27, 2014*

**KARACHI:** Pakistan Telecommunications Company Limited (PTCL) has been awarded 'Customer Service Appreciation' award for best customer services in the telecom sector at Service Punch-2014 conference. The awards ceremony, presented by Active8 in collaboration with Rozee.pk and Pakistan Human Capital Forum brought together a large number of business heads, delegates and guests belonging to customer services and other industries. PTCL received service appreciation award as a recognition to the Company's track record of innovation and the pioneering role played in harnessing technology for providing better services to customers. The survey is the result of a comprehensive independent assessment conducted by Active8, which included 5,000 respondents from a cross section of the society. The awards highlight, acknowledge and celebrate outstanding achievements and aim at developing a culture of excellence in customer care.

### Ufone takes lead in 3G commercial launch, other three to start soon

*Business Recorder, May 26, 2014*

**ISLAMABAD:** Among the four mobile phone operators, awarded 3G and 4G licenses, Ufone has taken a lead in commercially launching 3G services to provide its subscribers a taste of seamless connectivity and high speed internet. The other three operators - Mobilink, Telenor and Zong - which also won spectrum auction at a bidding and officially awarded licenses the other day, have yet announced initiation of 3G services on commercial basis. Though operators initiated the 3G services in different cities of the country on trial basis after successfully bidding for the spectrum license last month to get their subscribers acquainted with the technology and its benefits. The sources at these mobile companies have informed that the 3G services on commercial basis would be launched very soon. After officially award of license on May 22, Ufone notified its subscribers through SMS after two days about end of free trial and start of commercial services by offering packages for both prepaid and postpaid users. The newly announced Ufone 3G packages are applicable for customers that are going to use 3G services in Lahore, Islamabad, Rawalpindi and Karachi. Customers using 3G services in other cities can check the end of trial period as per their respective cities. An official at Ufone on Monday said the users in Faisalabad and Peshawar will continue to use free 3G service till the announcements for their respective cities. The official said good thing about Ufone 3G packages is that there are a lot of choices and options available that will cater variety of customers. For instance those who want to browse websites only can opt for 512 Kbps while others who want to skype call can select 1Mbps while video lovers will have 3Mbps but with an open eye on the data limits. The other mobile phone companies would also experiment 3G packages during first few months to evaluate the feedback and demand and it is likely that these bundles may get revised within next few months. There are 17 different Ufone 3G packages available for prepaid customers. It is mentioned here that at a bidding for spectrum auction last month China Mobile (Zong) had won 3G and 4G licenses while Mobilink, Ufone and Telenor Pakistan won 3G license each.

### 3G, 4G licences' auction challenged in IHC

*Daily Dawn, May 25, 2014*

**ISLAMABAD:** The Islamabad High Court (IHC) will take up a petition filed against the auction of 3G and 4G licences on Monday.

The petitioner Chaudhry Mohammad Akram Sajid in his petition alleged that the federal government had auctioned 3G and 4G licences at a throwaway price giving huge loss to the national exchequer. Besides, he alleged that the auction of 3G and 4G spectrum was made in violation of Public Procurement Regulatory Authority (PPRA) rules. Pakistan Telecommunication Authority (PTA) initiated the process of 3G and 4G licence on March 17 when it published the final Information Memorandum. Pakistan raised \$903 million through auction of 3G and US\$210 million through the auction of 4G spectrum.

The petitioner contended that the PTA chairman had violated the provisions of Information Memorandum, PEPRA and alleged that it reduced the 3G and 4G spectrum price in collusion with the existing telecom operators (bidders), causing major loss to national exchequer. He said in India 3G spectrum auction fetched \$22 billion whereas in Pakistan it brought less than \$1 billion to the exchequer.

The petitioner cited Federation of Pakistan through Secretary Ministry of information technology, chairman Pakistan Telecommunication Authority (PTA), Pakistan Mobile Communication Limited (Mobilink), Telenor Pakistan, s Pakistan Telecom Mobile Limited (Ufone), CM Pak Limited (Zong) and Warid Telecom as respondents. It said that there are

**3G technology attracting hi-tech TV sets**

*Daily Times, May 25, 2014*

rumours that Warid was purposely kept out of the bidding process but even then the said telecom company is going to launch 4G service, which was evident from the recent text messages to its customers. He contended that since Warid had not participated in the bidding process, it should not be allowed to use 3G and 4G spectrum. The petitioner said the entire auction process, including fixing the reserve price and last minute change in number of 3G spectrum lots, lacked transparency. The petitioner requested the court to declare the bidding process as illegal and unlawful and restrained the telecom operating companies from using 3G and 4G spectrum.

**KARACHI:** With the launch of 3G technology in the country, not only smartphone handset companies are targeting customers in Pakistan but leading brand of electronics manufacturers have found it right time to introduce latest smart devices such as television (TV) set to cash on fever of technology enthusiastic customers. The TV set is one of the devices that make its handsome combination with next generation technology of fastest internet, Michael Ha Director of LG Electronics Pakistan said in an interview. The world's first organic light-emitting diode (OLED) TV has been launched in Pakistan not only for facilitating the enthralling desires of customers for home entertainment but it could be largely used for various valuable commercial purposes such as video conferencing. The hi-tech TV sets are enabled to connect with different devices such as camera and smartphones to form a special video-conferencing set that could be used for business meet-up and official meetings in corporate sector. This video conferencing solution is very much crucial for m-health and m-education projects as universities and hospitals are also equipped with TV set like OLED TV with 55 to 65 inches screens. Hence, investment on technology will augur well significantly for universities and hospitals to generate economical benefits with the arrangement of latest technology and devices. TV set is one of its unique kinds because it has been designed in curve with extremely thin screen of 4.5 millimetres, which is lesser than that of many smartphone phone sets in your handsets. So, its portability is easy for people whether to watch it at their homes or use it for entertainment purposes. OLED TV sets of LG Electronics is best as movable device that could be placed in the public places for enjoying watching cricket matches by cricket fans who love to entertain cricket games collectively on big screens, he added. Also this is the high time to launch OLED curve TV set in Pakistan because Federation Internationale de Football Association (FIFA) World Cup will start soon, he said. People in Pakistan are very much conscious and selective of branded TV sets because they recognise the value of technology and its utility and ready to pay its high cost despite availability of low-priced TV sets in the local markets, LG Country Director said. Pakistan is good attractive market for LG Electronics like many other brands and its products receive overwhelming response from the customers at the onset of products unveil in the local market.

**Faulty CCTV cameras a big handicap**

*Daily Dawn, May 25, 2014*

**DERA GHAZI KHAN:** Most of the closed-circuit cameras installed at various public places in the district, especially the city, have been lying out of order and can prove a big handicap for police or any other investigating agencies in case of an act of terrorism or crime. The district that shares its boundaries with the troubled areas of Khyber Pakhtunkhwa and Balochistan has witnessed 27 sabotage activities claimed by Baloch insurgents since 2005, besides two deadly blasts (one of them a suicide attack claimed by KP militants), claiming lives of more than 100 people. In view of such serious threats, more than 20 monitoring gadgets (CCTV cameras) had been installed at various public places in the DG Khan city, linked to a central control room established at regional police office. Similar gadgets were also installed at various sensitive places in other parts of the district. Sources say that most of these gadgets have been lying out of order, mainly because of a lack of maintenance and will be of no help in case of any act of terrorism or crime. The issue had also been raised by sensitive agencies before the authorities concerned -- regional police officer, commissioner, district police officer and the district coordination officer, but of no avail, the sources say. Earlier, these non-functioning gadgets had left police without any footage of the Traffic Chowk where two robberies had occurred in October 2013. District Police Officer Ghulam Mubashar Maikin said he would look into the matter, while Regional Police Officer Rehmatullah Niazi was not available for his comments.

**Twitter blocks 'blasphemous' content after PTA requests**

*Daily Dawn, May 24, 2014*

**ISLAMABAD:** Microblogging site Twitter has blocked dozens of tweets and accounts in Pakistan after officials asked for access to "blasphemous" and "unethical" content to be stopped.

The Pakistan Telecommunication Authority (PTA) submitted at least five requests from May 5 to 14 asking Twitter to block access to specific tweets and accounts for users in the country. In its requests to Twitter, PTA described the content, which also included images of the Quran being desecrated, as "blasphemous" and "unethical" and said it violated the Pakistani Penal Code. A PTA official said they regularly wrote to Twitter and Facebook asking them to remove objectionable content. "We had requested Twitter to remove the unethical and blasphemous tweets and searches and its good that they have taken action," the official told AFP. It is thought to be the first time Twitter has withheld content specifically for users in Pakistan, though the government has shut the site down in the past. Pakistan blocked Twitter completely for a brief period in May 2012, along with Facebook, over the same competition. But according to the website Chilling Effects Clearinghouse, the latest episode is the first time Twitter has agreed to withhold content for users in Pakistan. Chilling Effects is collaboration between several US law schools which monitors attempts to suppress online content. Twitter works in partnership with the site to publish requests to withhold its content. Pakistan's strict blasphemy laws, currently the subject of a fight pitching the authorities against some of the leading TV

## High tech surveillance system to be launched in Islamabad

Daily Dawn, May 24, 2014

stations, can carry the death penalty. A crude anti-Islam film posted to YouTube in 2012 triggered violent street protests in Pakistan that left more than 20 people dead and led the government to block the video-sharing site — a ban that remains in force. Pakistan's parliament on May 6 voted unanimously to lift a ban on YouTube, in a non-binding resolution that was nonetheless welcomed by free speech campaigners as an important symbolic move. Twitter did not immediately respond to an AFP request for comment.

**ISLAMABAD:** As many as 1,950 close-circuit television (CCTV) cameras will be installed in the capital as a part of the 'Safe City Project' within the next eight months, officials in the police and the interior ministry told Dawn. Through the security cameras, the movements of citizens will be monitored to counter terrorism and criminal activities.

The interior ministry has set the deadline of eight months for the completion of the safe city project, which is being launched with the financial assistance of China. The Rs6 billion safe city project was initially conceived in 2008 but could not be launched due to the unavailability of funds.

1,950 CCTV cameras will be installed under the 'Safe City Project'

Before abandoning the project, two scanners were brought to the capital city which remained unproductive. The officials said this time the government had sought financial assistance from China which had agreed to provide a soft loan for the project. The initial cost of the project was Rs40 billion which also included scanners along with metal and explosive detectors. Eventually, the scanners and detectors were excluded from the project to bring down the cost from Rs40 billion to Rs12 billion.

The project will be executed by the National Database and Registration Authority (Nadra) and Huawei, a Chinese telecom and information technology company. "The funds will be provided by China on the basis of billing which will be made by Nadra and Huawei," they added. Huawei has given a year-long operational and three years' free repair and maintenance guarantee, they said, adding after the completion the project would run on a test basis for two months. The construction of a control room for the project has already started at the Police Line Headquarters. A team of 150 officials will be trained to operate the system. The officials added that 130 LED screens would be installed inside the control room for monitoring the CCTVs. All the spots have been identified and chosen after recommendations from the concerned superintendents of police. The officials explained that each screen would telecast live footages from 15 CCTVs at a time. The CCTVs and the control room will be run with modern and sophisticated software worth Rs250 million which is currently being used only in US and England, they added. The cameras can capture an image of 32 mega pixels, giving them an ability to pick out a single face from a gathering even at the distance of 30 metres. Each face, picked from the CCTV cameras, can be verified with the Nadra database which can be used to obtain the details of the person. Similarly, auto-thefts can also be monitored through the system while the software will be able to trace the vehicles using their registration number, model and colour. The project will also utilise modern 4G LTE communication system to connect the control room with the Rapid Response Unit (RRU) of police. Furthermore, 600 personnel will be added in the capital police for the RRU as a part of the project. Moreover, the capital police have also requested interior ministry to allow them to use global positioning system (GPS) to trace a person using their SIM number or international mobile station equipment identity (IMEI) code. Furthermore, the software will allow accessing the CCTV footage of each individual's location using the SIM and IMEI number. Out of the total 1,950 CCTVs, 450 will be installed within the Red Zone, the officials said, adding that all the entry and exit points will be covered by the project.

## PTCL teams up with SAP for cloud-based HR innovation

Daily Times, May 23, 2014

**KARACHI:** Pakistan Telecommunication Company Limited (PTCL) on Thursday announced it was all set to transform key Human Resource (Human Resource HhhHR) operational processes with cutting-edge cloud computing technology. In the first deal of its kind in the country, PTCL will employ a series of solutions from SAP company 'Success Factors' to streamline vital HR processes and unlock new avenues of employee productivity. The move is set to add additional momentum to the Company's ambitious and expansive business strategy, which recently helped deliver a 31 percent increase in the first quarter as compared to the same period of last year. The telecommunications market in Pakistan is fiercely competitive and only those with the vision and ability to adapt with latest technology especially with people's capability management will stand out.

PTCL HR and IT has decided to implement state of the art systems to boost up the capability development of employees and feels immense pleasure and pride to be the first Company in Pakistan to introduce one of the best internationally recognised talent management solution 'Success Factor' in the Company. Cloud computing is all about simplicity, efficiency and return on investment, and we are proud set an industry-wide example with our adoption of this technology. The drive to innovate has been part of our DNA since day one, and SAP is the right company with the right solutions, at the right time to help us improve our performance. PTCL will adopt a series of Success Factors solutions encompassing the complete Talent Management Cycle including Employee Profile and Organisation Chart, Visualisation, Goals and Performance, Succession and Career Development, Compensation Planning, Learning Management and Recruiting. All solutions come with built-in reporting and dashboards for real-time, strategic performance insight. Cloud computing is here to stay and it is having a huge impact on the way businesses like PTCL can run and plan for the future, said Gergi Abboud

**3G, 4G licences awarded  
 True development only  
 possible through modern  
 technology: PM**

*Statesman, May 23, 2014*

Managing Director of SAP in Gulf and Pakistan. PTCL understands this as we have now entered an era where CIO takes major technology decisions in collaboration with other CXOs. Cloud is now all about driving business innovation and agility, enabling new processes and insights that were previously impossible, added Abboud. Globally, SAP is the fastest growing company at scale in the cloud, gaining market share and growing six times faster than its largest competitor.

**ISLAMABAD:** Prime Minister Nawaz Sharif Thursday awarded 3G and 4G mobile spectrum licences to four cellular companies for launch of next generation mobile phone services in the country and said that true development was only possible through modern technology. Documents to this effect were signed at a ceremony in the presence of the Prime Minister. Addressing the ceremony, the Prime Minister expressed the confidence that the introduction of next generation mobile phone services will open new avenues of socio economic development in the country. He said that the government was trying to tackle challenges on various fronts and that the country would be left in a stable, energised and developing state at the end of his government's tenure after four years. He said the PML (N) government has fulfilled one of its commitments made in the election manifesto by launching the 3G and 4 G services. Credit also goes to the PML (N) which introduced fiber optic in its first stint in power in 1990. He said the auctioning process of 3G and 4 G services recognized by the world community as transparent and successful will help generate additional taxes to the tune of two hundred and sixty billion rupees annually. Nawaz Sharif directed that the accessibility of broadband should be expanded to the far flung areas. Besides the telecom services should be made affordable. He emphasized the need for devising a code of conduct for the telecom sector in order to ensure better services to the users. Nawaz Sharif called upon all segments of society particularly youth to fully exploit latest telecom services for research and education purposes. Highlighting significance of telecom sector for the sustainable development, the Prime Minister said the government will continue to support all the sectors including the telecom to achieve the desired objectives. Giving an overview of reforms introduced by the government in different sectors, Nawaz Sharif said several projects have been launched to cope with the electricity crisis. These include Gaddani coal based power project, 1320 megawatt Port Qasim project, 1320 megawatt Jamshoro project and 450 megawatt Nandipur power project. Besides, he said the government has envisaged several long term hydel power projects including Diamer Basha, Dasu and Bunji dams to meet the growing electricity demand. Nawaz Sharif said an investment of one hundred and sixty billion rupees will be made for the development of Gwadar port. Construction work on the Gwadar airport will be started shortly. He said infrastructure projects including Lahore-Karachi motorway will help put the country on the path of sustainable development. He said as a result of fiscal reforms, foreign exchange reserves have increased and rupee has strengthened against dollar. Inflation has been contained to single digit while remittances have also witnessed growth in the past six months. The Prime Minister said major successes have already been achieved on the economic front as well as the war against terrorism and improving the country's image in the outside world. He expressed the resolve to transform Pakistan into a stable and prosperous nation in the next four years.

Speaking on the occasion, Finance Minister Ishaq Dar said two licenses of next generation mobile services are still lying with the government. These, he said, will be auctioned at an appropriate time after the approval of the federal cabinet. The Finance Minister assured to rationalize telecom sector taxes in the upcoming budget. He expressed the confidence that the launch of next generation mobile phone services will help accelerate economic growth in the country.

**SC disposes of case about  
 3G, 4G auction**

*Daily Dawn, May 22, 2014*

**ISLAMABAD:** Although the auction of 3G and 4G cellular licences yielded the government a staggering proceed of over Rs111 billion (\$1.12 billion), where the huge amount should be parked was the centre of discussion before the Supreme Court on Monday.

Representing the federal government, Attorney General Salman Aslam Butt argued that the money belongs to the people of Pakistan and, therefore, it will go to the Federal Consolidated Fund (FCF), and not a specially created company called USF (universal services funds) under a statute meant only for telecommunication expansion in the under-served and remote areas of Pakistan. "The process of distribution of the money so earned must be guided by the constitution instead of a statute for equal allocations instead of earmarking it for classified areas only," the AG emphasised while citing a 2012 judgment by the Indian Supreme Court on the same subject. But Advocate Athar Minallah, representing Naya Tel, was of the view that the contribution of telecommunication companies should remain parked at the USF and should not go to the FCF.

A three-judge bench headed by Justice Jawwad S. Khawaja was hearing a petition of Khurram Shehzad Chughtai, an information technology expert who had initially sought a direction for the auction of 3G spectrum and licence in the telecommunication sector on an urgent basis. At the last hearing on April 16, the court had ordered to keep the proceeds of the 3G and 4G auctions in the FCF until it settles the dispute about the custody of the USF funds. The row cropped up when the PML-N government transferred Rs62 billion USF to the FCF from the information technology ministry. During the proceedings, the court inquired why such a huge amount should go to the USF, instead of FCF, but then hastened to answer itself by saying because the statute governing the utilisation of USF says so. But then the court decided to dispose of the case which it initiated way back on May 17 last year on the grounds that since the issue of

### Govt taking steps to promote IT use: minister

*Daily Dawn, May 22, 2014*

### Teradata announces National IT Excellence Awards

*Business Recorder, May 20, 2014*

putting the auction proceeds was not before the court, it would be taken up again whenever the matter crops up if the government failed to provide funds for the development of cellular expansion in remote areas. We have been informed that there are sufficient funds available for meeting the requirements of Section 33 B(2) of the Pakistan Telecommunication Authority (Reorganisation) Act, 1996, that asks for utilising the funds by providing access to telecommunication services to people in the un-served, under-served, rural and remote areas to be made and incurred by the federal government managing USF, the court said while dictating the order. Since this is not a grievance or question before the court today warranting resolution of the issue, we do not consider it appropriate to adjudicate such a matter in exercise of our jurisdiction under Article 184(3) of the constitution that deals with the enforcement of the fundamental rights. However the parties are free to invoke the jurisdiction of the high court if they want to challenge the vires of certain sections of the PTA Act, the court said. "This means the proceeds will go to the FCF," observed AG when Dawn approached him to explain the order.

On Monday, PTA Chairman Ismail Shah also appeared before the court and said that the services the consumers would enjoy and the activity so generated as a result of the 3G and 4G auction was more than what the country would actually receive upfront in terms of money after the sale. He explained that two bidders have expressed their willingness to pay 100 per cent advance to get the licence after the auction whereas the other two have suggested paying 50pc in advance while rest of the balance through deferred payments in five years. Earlier the cellular operators used to pay the license money in 15 years.

**PESHAWAR:** Provincial Senior Minister for Health and Information Technology Shahram Khan Tarakai has said that promotion of IT and its use for knowledge-based economy is priority of the Khyber Pakhtunkhwa government. Speaking at the inaugural session of the two-day International Information Technology Conference titled 'Digital Youth Summit 2014' here on Wednesday, Mr Tarakai said that the government was taking result-oriented steps to promote the use of IT and the 'Digital Youth Summit' was a step in that direction. He said that the provincial government was focusing on the use of IT for ensuring good governance, efficient utilisation of resources and providing employment opportunities to the youth of the province.

Provincial Minister for Education Mohammad Atif Khan was the chief guest at the inaugural session, says a handout. Others who attended the opening session included Khyber Pakhtunkhwa IT Board (KPITB) managing director Eng. Siddiqullah, representatives of the World Bank, vice-chancellors of various universities, over 300 delegates and IT experts from various countries, representatives of private sector and IT companies and students. Speaking at the inaugural session, the education minister termed the holding of the conference a great achievement of the provincial government and said that the conference would provide opportunities of online business and jobs to the youth, specially the IT students. He said that it would herald a revolution in the IT sector in the province.

Mr Siddiqullah informed the participants that the aim of the conference was to bring together the next generation of digital innovators in Pakistan. He said that it provided a platform for public to update themselves with information regarding online activities, innovation and startups. He said that the present conference and an expo would feature three major themes including, innovation, freelancing and startup. The KPITB has organised the conference in collaboration with the World Bank and a private company.

Teradata (NYSE: TDC), the analytic data platforms, marketing applications and services company, announced winners of the 12th Teradata National IT Excellence Awards. Shahid Khaqan Abbasi Federal Minister for Petroleum and Natural Resources was the chief guest and Dr Syed Ismail Shah, Pakistan Telecommunication Authority (PTA) presented the winner's trophies at a grand event on May 18 at a local hotel.

Abbasi recognised Teradata's efforts in promotion of information technology and related professionals in Pakistan through annual recognition and awards program ever since its launch in 1997. Dr Shah acknowledged the efforts of Teradata and also congratulated the winners for achieving excellence in their respective fields. "It is my honour to welcome the winners of the Teradata National IT Excellence Awards to the ranks of high achievers as adjudged by the panel. We are pleased to recognise their talent and achievements and to be part of their journey to further excellence," said Khuram Rahat, Teradata managing director for Pakistan, Afghanistan and Bangladesh. The winners of the 12th Teradata National IT Excellence Awards in the 10 categories are: Excellence in IT Business Intelligence. This award is given to an individual who has demonstrated skills in integrating a successful Business Intelligence plan within an organisation and thereby increased business performance and productivity. He has also released software for the digital study of Al-Qur'an. Excellence in Software Development: Recognising individuals who have demonstrated exceptional skills in developing software, which is or can be deployed both locally and internationally, the winner in this category is Sham Zia, for his project, "Track Forever," an enterprise-grade vehicle-tracking and fleet management software solution.

Excellence in Software Export: This organisational award is given to M/S NetSol Technologies Limited, for its unique efforts resulting in achieving the highest software exports since 2004. The company realised a 22 per cent growth in software exports in 2013 compared to 2012. Excellence in IT Research and Development: Won by Osman Hassan for his role in developing new ideas, technology, techniques and/or products through research and development,

Hassan developed the first training robot and simulator for Minimal Invasive surgery in Pakistan.

**Excellence in IT Education:** This award is given to recognise a person who nurtures the IT talent in Pakistan. Winner of this category this year was Dr Sajjad A Madani who has co-prepared and presented the concept paper to establish a virtual campus for distance learning at COMSATS institute of Information Technology.

**Excellence in Project Management:** Given to an individual with proven qualitative and quantitative results in successful execution of projects during the period of consideration, this award was given to Naeem Siraj. He demonstrated qualitative and quantitative results with the successful implementation of Retail Management System at 400 point-of-sale systems.

**Excellence as an IT Student:** This award was earned by Suleman Belal Kazi. A student at National University for Science and Technology, he has been on the Dean's honour roll for all six semesters. Kazi placed first in the IET's "Present around the World" Competition and was the team leader of the team that won the "Best Engineering Design" award.

**Excellence in IT Enabled Service Offering:** This award recognises innovation in solutions offering having a direct impact towards the consumers in Pakistan, be it creating convenience or related to raising the bar in the service industry with respect to the technology solution. This year it was given to three individuals involved in two projects. Ahmad Saeed and Dr Bilal Zaka were awarded for their IT-enabled service through PakWheels, the community-based automobile website. Bilal Zaka won for earning his PhD in Computer Science and graduating with distinction from Graz University of Technology in Austria, and for consulting to Higher Education Commission for running learning-management-systems in 15 universities. CIO of the Year: This category recognises individual leadership and thought innovation in technology applications within an organisation. Dr Sarfraz Alam was given this award in appreciation of his high contributions as Chief Information Officer for TEXPO Pakistan (Private) Limited. Under his dynamic leadership, more than 100 engineers, and the first satellite tracking ground stations for United Arab Emirates have been developed.

**Lifetime Achievement Award:** In recognition for having spent his entire career in promoting IT in Pakistan, this award was given to Shahid Mahmud. He is a Member of Corporate Advisory Council (CAC), the National University of Science and Technology for IT and Telecom, and a member of the NUST Alumni Advisory Council. Mahmud is the founder of PAKTEL, the first cellular company of Pakistan, where he remained a Director on the company's board till 1998. In 2001, he was selected to take part in the prestigious Eisenhower Fellowship program on leadership, in the United States of America.

Nominations in the 10 categories were received by independent auditors KPMG Taseer Hadi and Co. Seven judges evaluated the nominations on the basis supporting documents. The compiled results were later announced by the auditors. Judges for the 12th Teradata National IT Excellence Awards were: Dr Abdul Wahab, President Mohammad Ali Jinnah University, Professor Dr Ziauddin Zia, Head of Computer Science Department, COMSATS Vihari, Dr Arshad Ali DG NUST SEecs Islamabad, Brigadier Saleem Ahmed Moeen (Retd), CEO, SecureTech Consultancy Pvt Ltd, Nooruddin Baqai, Advisor PTCL, Ms Jehan Ara, President P@SHA Pakistan Software Houses Association for IT and ITes, and Salman Ansari, CEO, Salman Ansari Technologies.

The business communities of Hyderabad are facing problems in carrying out their business activities because the users' telephone numbers have been changed due to the introduction of Fiber Optical Telephone lines. According to details, complaints are being received by the businessmen from "Paka Qila" and "Shahi Bazaar" areas in Hyderabad city which is the hub of business activities there. Aside from this, there are more than 400 telephone lines which are out of order due to various reasons despite of repeated complaints lodged with the officials of the PTCL by the community but no initiative has been taken in this regard so far. They said that the facility of internet has also been suspended because of that reason. They have demanded the restoration of the old numbers of telephone. "If it were not possible due to technical reasons, some common numbers might be added to the old telephone numbers of the customers for carrying business activities smoothly," they added. They further demanded an action against irresponsible officials of the PTCL deputed in Hyderabad.

**LAHORE (PR):** Telenor Pakistan is a 100pc Telenor Group owned company, an international provider of high quality voice, data, content and communication services in 13 markets across Europe and Asia. Our ambition is to provide the power of digital communication to improve people's lives that help transform the societies for a better tomorrow. In November 2013, Telenor Pakistan became the first mobile operator in the country to offer a simple and hassle-free service of free life insurance, Talkshawk Mohafiz beema, to pre-paid customers. Majority of the people cannot afford regular life insurance. A seemingly small amount of Rs20k-100k is substantial help for this segment of Pakistani society.

Muhammad Yousaf a 55-year-old carpenter enrolled himself on the Talkshawk Mohafiz insurance and passed away soon after due to colon cancer, leaving behind a widow, and four children. His usage was Rs 775 which earned him free life insurance of Rs. 70,000. Upon receiving the insurance his widow said "His treatment was very expensive and we had to take loans for his treatment and by the time he died we had no money left." She added "But when the Talkshawk Mohafiz team came to our house we were shocked and delighted at the same time." Another manifestation of the company's vision of "empower societies" is the "I-champ

**Introduction of Fiber Optical Telephone lines: business community faces problems**

*Business Recorder, May 19, 2014*

**Telenor empowering societies**

*The Nation, May 19, 2014*

### PMEX launches android application

*Business Recorder, May 18, 2014*

### 3G technology promises economic development

*Daily Times, May 18, 2014*

### Fast, affordable 3G connectivity vital

*The Nation, May 17, 2014*

### Intel Pakistan celebrates second annual Mobility Road Show

*Business Recorder, May 16, 2014*

Programme” where in a period of one year, more than 600,000 students and teachers were made aware on how internet can be as an effective tool that can propagate and enhance education for all. Another example is the story of Arshad Fareed, a 27 year old man from Muzaffargarh running Telenor’s Sahulat ghar. He suffers from polio and is collaborating with Telenor Pakistan for 9 years. He is the sole bread earner for a family of 12. One of his daughters has congenital heart defects and another is suffering from thalassemia. Arshad relates his experience with Telenor: “Telenor has helped me a lot and I have managed to play a very instrumental role in reviving Telenor Services in my community. Despite my disability I have managed to earn a respectable income for my children.

Pakistan Mercantile Exchange Limited (PMEX) has launched a free of cost Android application for its brokers. This has been developed by in-house IT Team of the Exchange by integrating two of its existing trading systems, namely Trader Account Management System (TAMS) and Clearing, Settlement & Reporting (CSR) system. Introduction of this application is part of PMEX strategy to innovate and provide user friendly services to the brokers. With this application, brokers will be able to perform six critically important functions using their mobile device. These functions are: 1) Activation and suspension of traders, 2) Setting up auto liquidation thresholds, 3) Raising a fund request, 4) Providing fund approval, 5) Allocating funds and 6) Activation and suspension of users’ access rights. Speaking at the launch of the application, Amjad Khan, Chief Operating Officer, PMEX, said “The aim of this application is to bring trading capabilities on the fingertips of the brokers. Moving ahead, new developments will be made to give users a comprehensive trading experience on their mobile phones.” This application is available for download from Exchange’s website ([www.pmem.com.pk](http://www.pmem.com.pk)) free of cost for all brokers.-PR

**KARACHI:** High-speed affordable 3G broadband connectivity to the internet is essential to sustainable development of the country and can offer widely recognised economic and social benefits. The introduction of 3G mobile broadband in Pakistan has unleashed new horizons for the country as it enters a new digital age. But, what needs to be kept in mind is its direction should be towards sustainable development of the country, said Asher Yaqub Khan at Ufone on the occasion of World Telecom Day. The recent 3G launch in Pakistan is in line with this year’s theme of ‘Broadband for sustainable development’. This year’s event highlighted the importance and outreach of high speed internet throughout the world, relevant with the current scenario in Pakistan.

Information and Communication Technologies (ICT) have gained tremendous importance worldwide with the introduction of high speed broadband internet the importance has increased four folds. The importance of this technology can be deciphered from the fact by 2018, 85 percent of the world’s population will have access to internet via 3G technology. The sustainable use of this technology can have wide ranging benefits. If used properly, it has the potential to boost the development and growth of a country. Studies have shown that a 10 percent increase in penetration can elevate the GDP by 1percent. Moreover, an increase in the broadband speed (double) can increase the GDP by 0.3 percent. Khan stressing upon the importance of sustainable growth said, “The 3G mobile broadband technology and sustainable development have a deep relation, whereby amazing results can be achieved without having any negative effects.” April 23 was a historic day for Pakistan. We re-wrote history as the country entered a new era of digital communications.

**Lahore** - High-speed and affordable 3G broadband connectivity to the internet is essential to sustainable economic growth and development of the country.

“Information and Communication Technologies have gained tremendous importance worldwide as with the introduction of high speed broadband internet the importance has increased four folds,” said Asher Yaqub Khan, CCO Ufone, at a ceremony held to mark the World Telecom Day. He said that Ufone is celebrating the recent 3G launch in Pakistan, which is in line with this year’s theme of ‘Broadband for sustainable development’. This year’s event highlighted the importance and outreach of high speed internet throughout the world, relevant with the current scenario in Pakistan. Ufone, realizing this importance, celebrated this event with full zest and enthusiasm, highlighting the introduction of 3G and its far reaching impact on the country. “The introduction of 3G mobile broadband in Pakistan has unleashed new horizons for the country as it enters a new digital age. But, what needs to be kept in mind is that its direction should be towards sustainable development of the country.” The importance of this technology can be deciphered from the fact that by 2018, 85% of the world’s population will have access to internet via 3G technology. The sustainable use of this technology can have wide ranging benefits. If used properly, it has the potential to boost the development and growth of a country. Studies have shown that a 10% increase in penetration can elevate the GDP by 1%. Moreover, an increase in the broadband speed(double) can increase the GDP by 0.3%.

Intel Pakistan on Thursday celebrated the second annual Intel Mobility Road Show. The event showcased the best of Intel’s mobile solutions with the full range of form factors and features, powered by Intel Atom processor and Intel Core processor, with a focus on what is in store now, and also a glimpse into the future on what’s coming. Intel’s Bay Trail platform includes low-power chips for tablets and notebooks as well as more powerful chips designed for desktop computers. These have been designed to increase battery life on high usage devices and allow manufacturers to provide thinner, lighter and more powerful devices at a range of different price points. The participants also had the opportunity of hands-on mobility

**Nokia 225 launched in Pakistan**

*Daily Dawn, May 15, 2014*

**3G/4G network to generate 900,000 jobs: minister**

*Daily Times, May 14, 2014*

**PTA likely to issue 3G/4G licences on World Telecom Day**

*Daily Times, May 13, 2014*

experiences to help them understand how Intel is delivering mobile innovations that will transform everyday lives. Bay Trail is available in three types: Bay Trail-T (Intel's Atom Processor Z3000 series) is for tablets while Bay Trail-M and Bay Trail-D are for entry level devices in the laptop and desktop space. The family of SoCs allows one hardware configuration for both the Windows and Android platform to drive a wider choice of devices for both consumers and business users. Speaking on the occasion Naveed Siraj, Country Manager Intel Pakistan, said, "Today's generation of Intel Atom processors delivers energy-efficient performance to power a range of computing devices ranging from thin, light smart phones and tablets, intelligent cars, innovative healthcare devices, smart city infrastructure monitoring and high-performance micro servers for the cloud. These devices deliver Intel-level performance powerful enough to run multiple applications simultaneously, allowing users to move between apps with ease, thus optimising their investment and experience." The Intel Atom processor families' range of performance characteristics and compact size makes it ideal for embedded uses-like in-vehicle infotainment, interactive kiosks, and point-of-sale terminals. With lead-free and halogen-free manufacturing, the Intel Atom processor is also an environmentally responsible choice. Intel Makes Waves in the Mobility Space by bringing the second Annual Mobility Day in Pakistan with High-Performance, Energy Efficient tablets on Bay Trail Platform. "Bay Trail-T," now known as the Intel Atom Processor Z3000 Series, is Intel's most capable, high-performance SoC to-date for tablets and other sleek mobile devices and the lowest-power platform of the Bay Trail family," he added.

**KARACHI:** Microsoft Devices Pakistan bolstered its line-up of high-quality mobile phones today with the launch of the Nokia 225. The Nokia 225 features the cloud-powered Nokia Xpress Browser, which uses less data and delivers fast performance, even over slower networks. Preloaded Facebook and Twitter apps offer instant access to social networks direct on the homescreen, while people can explore the world from their device via Microsoft's Bing search. "The Nokia 225 is an affordable mobile phone designed to impress," said Arif Shafique, Country General Manager, Microsoft Devices Pakistan & Afghanistan. "We remain committed to connecting the next billion to the Internet, and this handset builds on this promise." The Nokia 225 comes with a 2.8" colour QVGA display, 2 MP camera and supports FM radio as well as MP3 playback of up to 51 hours. Micro SD card support means that it's memory can be expanded to 32 GB. It's battery standby time is projected by the company to last 27 days and offers consumers dual-SIM capability.

**ISLAMABAD –** Chief executive officers (CEOs) of the different telecommunication companies namely Ufone, Mobilink, Zong and Telenor called on Minister for Finance and Economic Affairs Senator Ishaq Dar to discuss issues related to taxes on account of auction of 3G/4G spectrum at the Finance Ministry on Wednesday. The minister congratulated the winners of the spectrum auction and said that the government would provide all necessary guidance and assistance to reap the benefits of new technology just rolled out in Pakistan. "We are satisfied that the auction process was completed in the best transparent manner duly recognized globally," he said. Pakistan is now moving forward for the development of the necessary infrastructure which will result in creation of 900,000 employment opportunities in the next few years. The minister complemented the CEOs, on behalf of the government, of the successful winners of auction of 3G/4G spectrum. He said that it was mandatory that the telcos have to pay 10% advance tax under Section 236A of the Income Tax Ordinance 2001 on the auction sale price of the Spectrum. The companies expressed their agreement to follow the law and make payments due under the law. "We want to facilitate international investors and provide them an environment which is conducive to economic activity in the country," he said and hoped that the telcos would work for telecommunication development in the country. The CEOs expressed their appreciation for transparency and fairness during the whole process and said that it will contribute technological resources to Pakistan's socio-economic sectors. They observed that spectrum auction would further add to the renewed confidence of the international investors in Pakistan's economic policies.

**ISLAMABAD:** A 'licence issuance ceremony' is on the cards, scheduled for Saturday (World Telecom Day), to celebrate what the Pakistan Telecommunication Authority (PTA) describes as "the successful auction of 3G and 4G spectrums". Well-placed sources in the Telecommunication Ministry told Daily Times that the PTA might issue licences of 3G and 4G spectrums on the World Telecom Day, falling on May 17, to the auction-winning cellular mobile operators (CMOs). They also told that a request had been made to the Prime Minister's Secretariat that Nawaz Sharif chairs the ceremony himself, which may take place at PM's Secretariat. So far, two of the four auction-winning mobile operators (Ufone and Telenor) have submitted their dues (licence fee) while the rest of the CMOs (Zong and Mobilink) are expected to submit their dues before May 15. The convergence of Internet and mobile telephony has created a rich brew of content and services that benefits more people, in more places than ever before. Mobile users in Pakistan prior to the availability of 3G/4G services remained deprived of the benefits of the Next Generation Mobile Services (NGMS) that were already deployed in various part of the world. Background interviews and discussions with telecom experts disclosed that 2,100MHz and 1,800MHz bands would allow telecom operators to deploy both 3G and 4G networks and offer the most advanced mobile services to their customers. Terming the holding of spectrums' auction a landmark event in the history of Pakistan's telecom sector, they said the NGMS would make mobile broadband services available to mobile users in the rural and urban areas of the country. It would also bring individuals, information and mobile broadband services closer quickly and conveniently.

"The NGMS will be an enabler towards GDP growth, [which will] introduce more innovative e-services, such as e-medicine and e-education, besides ensuring availability of high-speed mobile broadband services in both urban and rural areas that will encourage a more connected community and promote e-commerce-related activities," an expert said. He said that a network's capability is measured by its data download speed, but speed cannot be measured exactly. Download speed will depend on variables including the technology used by the broadband network developer, the mobile device's location and the number of people simultaneously using the network. "Because of these variables, it is best to examine the approximate 3G and 4G download speeds of the main network developers," one of the experts said. Giving ups and downs of 3G and 4G LTE, Nayatel CEO Wahajus Siraj said the main job of 3G phone service is to send and receive data and connect to the Internet at the highest possible speed and in the most secured way. "The 3G phone service is also used by cell phone users to make phone calls, and its standards require at least 2 Mbit/second data rates for stationary users and 384 KB/second for users in a moving vehicle. The standards also provide for enhanced security, using stronger encryption of calls and data." Mobile data technologies like 3G and the newer 4G are families of mobile-communication standards that are determined by the International Telecommunications Union, or ITU. He also said that the main selling point of 3G phone service is that a user is always connected to it, regardless of his or her location, while the 3G phone service uses cell phone signals and cell towers to provide users with access to the Internet. The 3G network also supports end-to-end security, which means that both the devices sending and receiving the information are secured. "The main disadvantage of the 3G phone service is its cost. Data transmission rates for users of 3G phone service are incredibly high. Unless you have an unlimited plan from your carrier, you are charged per kilobyte of data you send or receive. If you take your 3G phone to another country, you are charged on a completely different (and dramatically more expensive) pay scale due to using international phone towers," said a senior official of the Telecom Ministry, who requested not to be named. He added that features of 3G products and networks are enhanced data transmission capabilities. 3G devices will eventually be replaced as newer technologies become ready for mainstream use. The next generation of mobile communications is slated to be 4G which further enhances the inherent abilities of 3G. Talking about the Fourth Generation of mobile technology, or 4G, an official at PTA said 4G is still in its early stages as of 2010, but it intends to provide for a much more secure IP-switched network, meaning using Internet protocol to connect users. 4G systems aim to offer 100 Mbit/second data rates for highly mobile users and up to 1 Gbit/second for stationary users. 4G networks will be able to deliver unprecedented levels of media and gaming capabilities, which are impossible on 3G networks due to the intense communication necessary. About, LTE (long term evolution), he said it is a 4G standard compliant technology that began wide deployment in 2010. Many worldwide carriers, including Verizon, T-Mobile, and AT&T in the United States, are transitioning to LTE. LTE is being considered by the ITU as the standard 4G radio technology because the LTE project aims to surpass the ITU specifications. Even early LTE implementations offer 100 Mbit/second download speeds and 50 Mbit/second upload speeds. It is also learnt that LTE is a 4G wireless communications standard developed by the 3rd Generation Partnership Project (3GPP) that's designed to provide up to 10x the speeds of 3G networks for mobile devices such as smartphones, tablets, netbooks, notebooks and wireless hotspots. 4G technologies are designed to provide IP-based voice, data and multimedia streaming at speeds of at least 100 Mbit per second and up to as fast as 1 Gbit per second. 4G LTE is one of several competing 4G standards along with Ultra Mobile Broadband (UMB) and WiMax (IEEE 802.16). The leading cellular providers have started to deploy 4G technologies, with Verizon and AT&T launching 4G LTE networks and Sprint utilizing its new 4G WiMax network. In terms of mobile devices, many newer Android-based smartphones are 4G LTE capable, and both the iPhone 5 and the iPad 3 are expected to have built-in 4G LTE capabilities when released in the second half of 2012. It is worth mentioning that internet-based technologies born out of both necessity and innovation. Once people got stuck on roads due to bad weather, accidents and road works, now they will be able to track their journeys and delays with their smartphones applications that can assist us with road-conditions, maps and much more in real time. Doctors and hospitals will be able to make better use of faster Internet through the transmission of scans and reports, especially when transporting patients. For a country dependent on sporadic and insufficient electricity, wireless connections give them a chance to work, connect, learn and play.

According to Pakistan Telecommunication Authority (PTA) figures as of March 2014, the percentage of Annual Cellular Mobile Teledensity in Pakistan is 74.9 percent. But according to a Pew Research study, the figure is somewhat different. It states that 53 percent of Pakistanis own cell phones, and out of these 3 percent own smartphones. This is a dismal figure, given the opportunities people with this facility can avail. Given that emerging start-ups in Pakistan, especially those developing new apps, need public interest and support to grow, this small percentage of smartphone users poses a problem. The provision of 3G and 4G LTE services will create the opportunity for the public to connect with these budding entrepreneurs in what can be a mutually beneficial relationship, where entrepreneurs come up with ideas that solve existing problems in our society, and the public responds by adopting these and increasing their business potential. However, the scope of this process is likely to remain limited unless more people get involved in using these services. At present, large numbers of countries with 4G LTE penetration are South Korea, Japan, Australia, United States, Sweden, Canada, United Kingdom, Germany, Russia, etc. There are many economic benefits accruing solely to the introduction of 3G services in Pakistan including the development of infrastructure, the

**A spectrum of possibilities  
 – how Warid got its 4G  
 groove back**

*Daily Dawn, May 10, 2014*

increased connectivity, the increase in job creation and many other benefits factor into the increase in GDP that will result for the country. So far, Warid Telecom of Pakistan has shown its willingness for going 4G LTE, to possibly become the first operator in the market to deploy 4G LTE network in the country despite the fact that Warid Telecom has not participated in recently held 3G / 4G auction. But, Warid has decided to go 4G LTE with its available spectrum that it had bought in 2004. While, 4G licence auction winner Zong has declared that it would take several months for launching 4G services in Pakistan. "Zong, that has won 4G licence in Pakistan, can take around a year or so in launching 4G network in Pakistan," said Dr. Fan Yunjun, Chairman and Chief Executive Officer of Zong, during its press conference on 3G and 4G. Besides, after winning the spectrum auction, Mobilink, Telenor, Ufone and Zong are now waiting for the licence and NOC from government of Pakistan to commercially launch services in the country. It merits mentioning here that Ufone and Telenor have already started trial 3G services in at least four major cities of Pakistan.

**ISLAMABAD:** How can one mobile service operator offer 4G at no added expense, while others have to pay the government over \$200 million so they can launch the same service? Warid Telecom took the telecom sector by surprise when it announced plans to launch 4G services without bidding at last month's auction. Zong, which has been advertising itself as the "first and only" company to offer 4G services in Pakistan, is particularly affected. Zong has said that it will take about a year to launch 4G services, but Warid seems ready to 'go 4G' in comparatively less time. According to the Pakistan Telecommunication Authority (PTA), all five cellular service providers were initially allocated frequencies from the 1,800MHz spectrum in order to launch their services. This spectrum has now been allocated to provide 4G services. However, unlike Warid – which has the least subscribers of all networks – other service providers have congested their bandwidth by adding on millions of subscribers over the years. This would also explain connection problems and slow internet speeds for their customers. According to a PTA spokesperson, "They need more bandwidth – or greater space – to accommodate an increasing number of subscribers as well as provide high-speed data services." PTA's 2013 report states that Mobilink has the highest number of subscribers, with a market share of 30 per cent. Telenor too, is ranked amongst the companies with the most subscribers and enjoys a market share of nearly 25 per cent. However Warid has the lowest number of subscribers with 10 per cent of the market share. "The spectrum required depends on the company's business plan, plans to increase subscriber base and the financial health of the company to afford the cost of the licence. Except Warid, which has room to add more subscribers without increasing its bandwidth, it makes good business sense for other operators to increase bandwidth in order to improve voice and data services as well as providing next generation mobile services and remain competitive," said the PTA spokesperson, when explaining why Warid stayed away from the 3G/4G licence auction last month. However, when Warid approached PTA last month with the desire to launch 4G services, the PTA responded through a statement that the purpose of the new spectrum was to offer faster broadband/data services. Therefore, it required new parameters and performance indicators. "On the basis of this, PTA is saying that if Warid is inclined to offer 4G on its existing licence agreements and spectrum, the authority will have to look into the licence agreement and bring Warid under similar conditions to winners of the auction. The PTA is interested in learning how Warid will be using the present spectrum. Technical details with regard to 4G services have to be shared and agreed upon by the PTA," said the spokesperson. PTA also maintains that, "Warid's existing licence is technology-neutral but does not provide any quality of service (QoS) parameters and key performance indicators (KPIs) for the 4G service." The PTA spokesperson said that Warid would have to comply with the KPIs and QoS parameters laid down by the authority regarding 4G services. "The offer of 4G/LTE services by Warid will have to go through a process as per their licence as well as requirements assuring proper coverage, quality of service, enhanced monitoring requirements etc. This may entail changes to Warid's existing cellular mobile telephone services licence," he said. An industry analyst explained how Warid is well within its legal rights to launch 4G on its existing 1,800MHz spectrum. "Other cellular companies can also go 4G since they have bandwidths from the same spectrum. The only problem Warid faces is the limited bandwidth," said Internet Service Providers Association Pakistan Convener Wahajus Siraj. "Around the world, licences are technology neutral because it keeps changing. However, services can be regulated to set standards to ensure quality service," he added. The impression in the market is that China Mobile (Zong) surfaced as the largest operator after winning the maximum spectrum on auction, and was unlikely to lose its position as a dominant player in the future. China Mobile spokesperson, Sheldon Godinho said: "We expect a level playing field for all." Other operators are mostly unaffected by Warid offering 4G services, since the technology is too expensive and they are choosing instead to launch 3G services and aim for faster 4G service in the next five years. "Our analysis shows that there is a greater penetration of 3G handsets as compared to 4G handsets amongst mobile data customers in the industry and hence we are geared up accordingly. We will look into various options in the future when the government announces its intent to auction the remaining 4G spectrum," said Mobilink spokesperson Omar Manzoor.

**Cancellation of licences of  
 non-functional TV networks  
 in Balochistan  
 recommended**

**QUETTA:** The Council of Complaints of the Pakistan Electronic Media Regulatory Authority (Pemra), Balochistan region, has recommended cancellation of licences of non-functional TV cable networks in the province. At a meeting held here on Friday, the council observed that 20 TV networks have closed their functions. These TV networks were given licences for transmission in Kech, Chagai, Nasirabad, Quetta, Lasbela, Kalat, Sibi, Bolan, Qila Abdullah and Awaran districts. The meeting was presided over by the council's chairman, Abdul

Daily Dawn, May 10, 2014

## NA unanimously votes to lift YouTube ban

The Nation, May 07, 2014

## Ufone launches free 3G trial in Karachi

Daily Times, May 07, 2014

## PTCL inks deal with ABAD for providing IT services

The Nation, May 07, 2014

Hakeem Baloch, and attended by the secretary and deputy general manager of Pemra in Quetta and members of the council. The meeting recommended cancellation of licences of 20 TV networks. The meeting accused some other TV networks of violating rules and regulations of Pemra by running programmes which violated social norms. These networks should be bound to present programmes conforming to culture, history and social values of the country, the meeting said.

Council member Afzal Murad said several programmes being aired by these TV networks were objectionable and violated ethics and morality. The meeting was informed that the satellite TV network of 'Sabzbaat' had not paid its licence fee of over Rs2.5 million to Pemra. It was decided that a show-cause notice would be issued to the Sabzbaat TV network and its licence would be cancelled in case of non-payment. The meeting observed that an FM radio for which a licence had been issued two years ago but it could not launch its transmission in Ziarat. It was decided that its licence would be cancelled to let another company launch its transmission in the district.

**ISLAMABAD** - The National Assembly on Tuesday unanimously adopted a resolution to lift the ban on YouTube in the country.

Speaking on the resolution, Minister of State for Health Services, Regulation and Coordination Sara Fazal Tarar was of the view that the issue could be resolved with the consent of all the political forces. She proposed that the issue could be resolved by an IT committee or a body, representing all political parties. She added the Supreme Court (SC) had also not given permission to lift the ban on YouTube. The minister was of the view that it was responsibility of all the parties to discuss the matter in length, requesting the parliamentary leaders of all the parties to suggest the names of members to take part in the discussions in this regard.

PPP's Shazia Marri, the mover of the resolution, said the government should lift the ban on YouTube as had been done by Bangladesh and other countries. "This is a great facility for students," she said, adding religious contents could also be watched. She asserted YouTube was being opened with the help of proxy servers. "Laptop distribution among students will not resolve the issue as it also needs to be connected to the world," she said, inviting rumpus from the treasury benches. YouTube was blocked in September 2012 on the orders of the then prime minister over its failure to delete the "Innocence of Muslims" movie. After the vote, Marri told AFP it was time for Pakistan to give up what she termed its "double standard". "The Pakistani Taliban launches their website and the (government) does not take action against it, but it maintains a ban on YouTube," she said. Though the resolution is not legally binding, it was seen as a positive step by anti-censorship campaigners. Shahzad Ahmed, director of a group called Bytes for All that campaigns against Internet censorship and has asked a court to overturn the ban, said it was a "very welcome" move. "It's great news and I think it's time for the political leadership to take the lead in resolving the issue," he told AFP. Earlier, six bills, including Thalassaemia Patients Bill, 2014, "The Child Protection System Bill, 2014", "Protection against Harassment of Women at Workplaces, were referred to the committees concerned of the house. The Protection against Harassment of Women at Workplaces (Amendment) Bill, 2014, says the amendment is aimed to bridge the gaps and remove lacunae and anomalies in the law to provide protection to women from all forms of harassment at workplaces without any gender discrimination. 'The Thalassaemia Patients Bill, 2014', provides for the compulsory blood test for the relatives of thalassaemia patients. 'The Child Protection System Bill, 2014', provides for enactment to promote child rights and protect children at risk in Islamabad Capital Territory. Earlier, responding to a call-attention notice moved by Syed Naveed Qamar about closure of a number of sales offices of PIA in various parts of the country, Minister of State for Parliamentary Affairs Sheikh Aftab Ahmad said the offices were closed because of lack of passengers in those areas.

**KARACHI:** Ufone, after successfully launching free 3G trial in Lahore and Islamabad / Rawalpindi respectively, has launched the same service in Karachi, the financial heart of Pakistan, to give its customers a taste of breakneck speeds and seamless connectivity that are to be unleashed. All Ufone customers using a 3G enabled smartphone, will be able to enjoy the trial services with amazing speeds free of cost, whereby the first 200 mb's will be usable without any speed throttling, after that for subsequent usage, speed will be reduced to 128 kbps for the rest of the day followed by a related SMS notification. In addition, the policy will be auto-renewed every day. To avail the offer, Ufone customers will have to restart their handsets or change the network mode from GSM to WCDMA or from 2G to 3G in other words, depending upon their handset model and type. An SMS notification will be sent to all subscribers to inform them regarding the 3G service activation. Both Postpaid and prepaid customers will be able to avail the offer and enjoy free of cost usage of the 3G trial for a limited period.

**KARACHI** - Pakistan Telecommunications Company Limited (PTCL) has signed an agreement with Association of Builders & Developers (ABAD) for the provision of state-of-the-art telecommunications and IT services. The agreement entails provision of services which includes customised infrastructure and wide range of innovative products for ABAD's current and upcoming projects. Muhammad Nasrullah, CBOO & SEVP Business Zones PTCL, while speaking at the occasion said "At PTCL, we are committed to boost efficiency, improve services and operations delivery for organisations across Pakistan and empower businesses to reach their full potential through technology". "The signing of this agreement reflects our readiness to implement strategic projects that enable institutions like ABAD to use state-of-the-

**Maryam wants local laptop assembly plant**

*The Nation, May 06, 2014*

**Warid needs to amend licence to offer 4G LTE: PTA**

*Daily Dawn, May 05, 2014*

art telecommunications and IT solutions to better serve their customers.

Mohsin Sheikhan, Chairman ABAD said "By joining hands with PTCL to offer latest ICT services, we hope to better serve our valued customers; he further explained the role and services of ABAD for construction industry, which is among the most progressive sector in Pakistan".

Zaman Gulzar, Executive Vice President & Head of Business Zone South PTCL, M. Saleem Kassim Patel, Senior Vice Chairman, ABAD and other senior officials from both the companies were present on the occasion.

**ISLAMABAD** - Transparency International Pakistan (TIP) has congratulated Prime Minister Muhammad Nawaz Sharif for procurement of 100,000 laptops fully in accordance with PPRA rules. The Rs 4.5 billion contract was signed between the government of Pakistan and Haier China, Monday, for supply of laptops under Prime Minister's Youth Programme (PMYP).

Meanwhile, Maryam Nawaz Sharif, chairperson Prime Minister's Youth Programme, held a meeting with a delegation of Haier Pakistan, comprising Khalid Afridi COO Haier Pakistan, Tristan Wong, GM Haier Computers, along with MD PTV. During the meeting, Maryam directed the visiting delegates from Haier Pakistan to install local laptop assembly plant in Pakistan in order to cater to the development vision of Prime Minister Sharif under Prime Minister's Youth Programme. She highlighted that the local assembly of the IT equipment and laptops would play a key role in the development and use of ICT in education, research and human and social development of the country. The laptop product coming out of the local assembly line will have label saying "assembled in Pakistan", whereas the same Haier model which is currently imported will be produced locally having same quality standards. The local assembly though is of small number but this would certainly act as a seed initiative for the IT manufacturing industry. It is expected that the government's intent to continue this project for next four years, as per the original plan, would help achieving the overall objectives and larger benefit of the nation. For this purpose, a summary has already been forwarded to the prime minister through the chairperson PM's Youth Programme. Though the concept is approved in principle, once the project for next four years is approved, the project will open up a new avenue towards full-fledged local assembling of IT equipment and flourish IT industry at large, but also have significant economic impact. Local assembling, which is expected to expand towards manufacturing, will contribute towards GDP and the re-export of the IT equipment out of Pakistan would bring significant economic impact as well as convey soft image of Pakistan internationally through a product labelled as "made in Pakistan". In the long run, the overall per unit cost of laptops is expected to decrease substantially and so will help leveraging ICT for socio-economic development of Pakistan. Local assembly line will help in knowledge and technology transfer; job creations; manufacturing of some components locally; or may be Silicon Industry in Pakistan someday.

**ISLAMABAD:** Raising objections on a request submitted by Warid Telecom, Pakistan Telecommunication Authority (PTA) has now sought a fresh application from the mobile network operator, declaring that certain amendments in its licence are necessary to launch 4G LTE services in the country. PTA had held auctions for 3G and 4G network licences on April 23 – a process in which Warid did not participate in. The bids of four mobile operators of Pakistan qualified for the auction of 3G and 4G namely Mobilink, Telenor, Ufone and Zong. Warid had previously already obtained a spectrum that would allow the roll-out of 4G. Sources in the PTA told this scribe that the telecom authority held a meeting on Monday to review the request of Warid telecom and decided that the submitted application for the launch of 4G service was not up to the mark. The PTA, while seeking details of the spectrum that is under Warid's use, has asked the mobile network operator to submit a fresh application in this regard. In a statement, the PTA said that it has received a letter from Warid Telecom explaining their desire to launch 4G/LTE services on their existing cellular mobile licence issued to them in 2004. A PTA spokesperson said that the telecommunications regulator is reviewing Warid's request on the basis of relevant licence clauses and the current regulatory framework. The company's existing licence is technology neutral but is not service neutral, which means the company would have to share all details of its new services prior to their launch. The spokesperson further said that the existing licence of Warid, which it acquired in 2004, is technology-neutral but it does not provide any Quality of Service (QoS) parameters and service Key Performance Indicator (KPIs) for 4G /LTE services. Warid would have to comply with the QoS parameters and KPIs laid down by PTA for the 4G/LTE services, he said. He said that offer of 4G/LTE services by Warid would have to go through a process as per their licence as well as requirements of assuring proper coverage, QoS, enhanced monitoring requirements etc. This may also require changes to Warid's existing Cellular Mobile Telephony Services Licence, he added. "For this Warid will have to send in a proper request and provide their detailed information and technical plan," he said. The spokesperson added that Warid should provide details about how much of the spectrum would be carved out from the 8.8 MHz in 1800 band for the LTE services and its impact on the existing GSM/GPRS/EDGE customers. "Specific information about the version of LTE to be deployed should also be provided to PTA as all the releases of LTE do not satisfy the requirements of the IMT-Advanced (4G) Standards," he said. It was earlier expected that PTA may withhold Warid's request for permission to go for the launch of 4G (LTE) considering the interests of other cellular companies who bought the (3G/4G) licences for \$1.12 billion. Zong and other cellular companies have serious reservations over this decision by the PTA, as they paid heavily

### Warid seeks permission to roll out 4G LTE

*Daily Times, May 05, 2014*

during the bid and also invested their time.

**ISLAMABAD:** To compete with the winners of 3G/4G licence, Warid Telecom has approached the Pakistan Telecommunication Authority (PTA) to allow the launch of 4G LTE (long-term evolution) service, while the authority is engaged in the process of reviewing this request. "PTA (Pakistan Telecommunication Authority) is reviewing the request/notification sent by Warid Telecom to start 4G service without obtaining any new licence, and its outcome will be as per conditions (assurance of proper coverage, quality of service, enhanced monitoring requirements and commencement permissions) contained in the licence issued to Warid in 2004," a senior official at the Ministry of Telecommunication said on the condition of anonymity. He added that Warid has no need to obtain a new licence to launch 4G services in the country nor a commencement certificate from the PTA. Presently, Warid has around 9 megahertz spectrum that is capable of running the 4G technology, while it has installed long-term evaluation technology at the important points across the country and also made available 4G SIMs for its subscribers. It merits mentioning here that unlike Warid, the other three cellular companies – Ufone, Telenor, Mobilink – did not have 9 MHz spectrum, which they had to acquire prior to participating in the 4G spectrum licence auction. However, the expected entry of Warid in the 4G arena may create reservations among the telecom sector, especially the cellular mobile operators (CMOs) who participated in the auction and won licences. Official sources told Daily Times that Warid only requires a commencement certificate from the PTA to roll out 4G services in the country. They also said the PTA would inspect Warid's spectrum, its equipment and technology of 4G and would give a go-ahead if satisfied in this context. However, the cellular company's licence is not "service neutral" as it has neutralised technology to launch new service of 4G. "Besides sending a notification to PTA, a delegation of the cellular company also met PTA chairman Dr Ismail Shah recently to seek permission from PTA to launch 4G service," said a senior official at the Telecom Ministry. He also added that Warid telecom is all set to share its work plan with PTA and media very soon. It is to note here that so far the Chinese-controlled Zong is considered as a sole winner of the auction of 3G and 4G spectra while three auction winners of the 3G spectrum auction were Mobilink, Telenor, and Ufone. The base price for much-awaited 3G licence was \$295 million while it was \$210 million for a 4G licence. Besides, LTE, commonly marketed as 4G LTE, is a standard for wireless data communications technology and an evolution of the GSM/UMTS standards. LTE is also anticipated the first truly global mobile phone standard and the band used in different countries is meant that only multi-band phones are able to use LTE in all countries where it is supported. The world's first publicly available LTE service was launched by TeliaSonera in Stockholm and Oslo on December 14, 2009, while its first large-scale LTE network in North America was launched in 2010 and in India in April 2012. At present, large numbers of countries with 4G LTE penetration are South Korea, Japan, Australia, United States, Sweden, Canada, United Kingdom, Germany, Russia, etc.

### LCCI launches web TV

*The Nation, May 04, 2014*

**LAHORE** - The Lahore Chamber of Commerce and industry has achieved another milestone by launching its own web TV ([www.lcci.tv](http://www.lcci.tv)) which would educate and inform the LCCI members and public at large about latest business developments, economic issues and technological advancements. The LCCI President Engineer Sohail Lashari formally launched the web TV by clicking a button at Amin Hall of the Lahore Chamber of Commerce and Industry on Saturday. LCCI Vice President Kashif Anwar, LCCI former President Mian Shafiqat Ali, Chairmen LCCI Standing Committee on Information Technology Armghan Saqib, Mian Maqsood Ahmad Butt also spoke on the occasion.

The LCCI President Engineer Sohail Lashari said that the very objective of the LCCI web TV was to promote business activities in virtual global space of internet. He told the participants of inaugural ceremony that this initiative would help LCCI members and business community to know about latest happenings in the business world.

### Warid set to launch 4G LTE services, with PTA approval

*Daily Dawn, May 04, 2014*

**ISLAMABAD:** The Pakistan Telecommunication Authority (PTA) accepted Warid Telecom's plea to permit it to launch 4G services in the country. The PTA had held auctions for 3G and 4G network licences on April 23 - a process in which Warid did not participate. The bids of four mobile operators of Pakistan qualified for the auction of 3G and 4G namely Mobilink, Telenor, Ufone and Zong. Warid had previously already obtained a spectrum that would allow the roll-out of 4G. The company's existing licence, which was acquired in 2004, is also technology neutral but is not service neutral, which meant the company would have to share all details of its new services prior to their launch. While Warid planned to launch 4G LTE (long-term evolution) to compete with the 3G/4G licence-holders, the PTA had insisted that the company needed permission from the regulator for the introduction of the new services. It was earlier expected that PTA may withhold Warid's request for permission to go for the launch of 4G (LTE) considering the interests of other cellular companies who bought the (3G/4G) licences for \$1.12 billion. Zong and other cellular companies have serious reservations over this decision by the PTA, as they paid heavily during the bid and also invested their time.

### 3G to reduce fraud, leakage in financial sector

*The Nation, May 04, 2014*

**LAHORE**-The 3G technology, besides helping increase the GDP of Pakistan, encouraging infrastructure investments, will also help reducing fraud and economic leakage in financial sector and improve farm production in the agriculture sector. The evolution of technology has made life easier for customer base. The launch of 3G services is great news as it will not only improve the general standard of life and the quality of the way business is done but will also help boost the economy. These views were expressed by the Ufone CCO Asher Yaqub Khan

**3G to empower masses with access to world of unlimited opportunities**

*Daily Times, May 02, 2014*

in an interview with The Nation. Following are details of the extracts of the talks with him.

Q: How 3G could be utilized for information?

AYK: Users can use 3G for watching TV on their handsets, downloading and streaming videos at high speed, sharing clips as well as enriched social media experience.

Q: How do you see loadshedding will affect the quality of 3G service on networks of telcos?

AYK: Loadshedding will not affect the quality of 3G service, in fact it will provide relief to our customers by facilitating them to use internet and watch their favorite programs or chat with their friends. The beauty of having 3G technology is that you can enjoy services on your phone even when there is no electricity provided you have your phone fully charged of course!

Q: Will a large section of customers' base, out of 132m, be able to afford the rates of 3G?

AYK: At Ufone, customers are our top priority and we will ensure that the transition will be as smooth as possible to provide the best packages. Even if you look at our history, we have been known to provide world class service at affordable rates and this will be the case with 3G too.

Q: Do we see price hikes across the band or the model will continue to be price-centric?

AYK: we will keep the tariffs as simple and customer friendly as possible. At Ufone, as we have always stressed, it is always about you. We do not believe in exploiting our customers. The approach will remain the same in future as well and we will continue delivering affordable services to our customer base that by the way, has been great to us in return as well.

Q: What are the challenges that are expected to create impediments in the fastest deployment of 3G networks?

AYK: One major hold up point is that the technology is only supported on handsets that are 3G compatible. So only users who have a 3G handset will be able to experience the technology. Customer awareness of how to use services is another issue. We are working on building awareness for the technology. Setting up the technology is one thing but making customers aware about it and then selling it is another.

Q: What are your demands from the government related tax rationalization on mobile phone services as the telecom sector in Pakistan is made to suffer from discriminate and highest tax regime?

AYK: This needs to be rationalized. Telecoms tax burden in Pakistan is amongst highest in the world and that effects all efforts of increasing teledensity. If we understand and acknowledge the sea change that access to telecoms can bring in our economy, I am sure we will appreciate the need for reduction of taxes here.

Q: What are some of the challenges in minimizing costs?

AYK: Increased taxes being levied by the government, indirect taxes, cost of infrastructure, power crisis, security issues, network shutdown, license cost, regulatory barrier on commercial activity as well as right of way the main challenge in minimizing costs.

**KARACHI:** 3G technology will empower millions of consumers in Pakistan to get connected with fastest internet through their handsets to access world of unlimited opportunities for the purpose of information, education, entertainment and entrepreneurship, Irfan Wahab Chief Marketing Officer, Telenor Pakistan said, it will advance the lifestyle of the masses and contributing substantially to national economy. Briefing to the media on the other day, Wahab underscores the importance of internet in the lives of people as important as their basic right, which he believes his company has been focusing for many years with the vision of bringing internet for all. Ever important sectors will be strengthening with the emergence of m-governance, m-education, m-health and m-commerce to influence significantly and positively in the lives and business of the individuals and societies. The migration of 10 percent customers from 2G to 3G technology will impact 0.15 percent additionally to the GDP of the country whereas 10 percent new users of broadband internet service will cause to reflect 1.38 percent extra increase to the existing growth rate of economy, he added while citing a research. But it depends on many aspects not alone at the end of customers and cellular operators, CMO elaborated, as there should be a developing ecosystem in the country with the support of all stakeholders of economy and telecom industry to contribute altogether towards the adoption of the 3G technology and its optimal utility in the diversified sectors. Software houses in the country should come up with mobile apps to benefit human needs, he said. In this way, a unique stream of business will be developed in the ICT industry. Though it is not an operator job to do everything but they should collaborate with different stakeholders to get the target achieved mutually. On the other hand, there are extremely tough challenges in the way of development and expansion of 3G technology to every part of Pakistan, Wahab said. The penetration of internet stands at 9.9 percent in the country whereas the number of smartphone users has reached merely 10 percent of the total mobile phone users base (136 million till March). The penetration of the internet and smartphone could be expedited once the stakeholders decide to promote technology along with different partners of various fields. In addition to it, the role of the government is extremely crucial to understand how the technology could be benefited to the masses and country's economy if rationalized policy measures are taken for telecom sector immediately. Wahab pointed out the cost of doing business is directly related with the expansion and penetration of 3G technology because cellular operators and

## Zong vows to pay \$516m in 3G, 4G licence fee

*Daily Times, May 01, 2014*

their users could not bear high and discriminatory taxation over the use of telephony services in the country. The activation tax of Rs 250 over a purchase of SIM, the discriminatory high rate of FED at 19.5 percent and 15 percent withholding tax will not be favorable for new and emerging technology to promote in a decent pace. It is because the customers are reluctant to spend extra on telephony services in the presence of high tax regime. Besides, the operators could not deploy their infrastructure as fast as they could do through rationalization of tax because their cost of doing operation including cost of utilities and security is already very high.

Telenor CMO is of the view that the rationalization of taxes will be win-win situation for every stakeholder including customers, operators and especially for the government to achieve the long-term benefits of economy. Wahab categorically stated that 3G is the most conducive technology in Pakistan in the present scenario hence Telenor opted for it keeping in view the maturity level of customers and existing ecosystem and derivatives of telecom sector. On the contrary, 4G technology in Pakistan is in the infancy stage with no ecosystem available and feasible enough for customers and operators. Citing the example, he said that carriers in European countries allocated big investments on the licence of 4G technology and its related spectrums, but these companies incurred losses as they were not able to invest on infrastructure deployment.

There is no difference to deploy 3G technology through the spectrum of 5MHz or 10 MHz. The speed of internet will remain same on the both spectrums however it matters on design and planning of infrastructure, Wahab explained. Telenor Pakistan has designed and planned its network to penetrate at rapid pace to every city of the country.

The Norwegian carrier has already swapped its network on modern infrastructure consisting of more than 8,000 sites. The company has done particularly to target its ambition to bring internet for lives of the customers therefore it already enabled many customers to use internet on mobile phone which shows its success to grab lion share of 30 percent among all internet users on mobile phone, Wahab claimed.

Telenor launched 3G technology in the 11th country and Pakistan will be 12th. It has expertise of network expansion and experience of offering high speed services to customers worldwide.

The company believes in its philosophy to empower masses through internet on their mobile phone services as similar to it has achieved to have established the third largest and globally acclaimed services of branchless banking in Pakistan.

**ISLAMABAD:** Zong Chairman and Chief Executive Officer (CEO) Dr Fan Yunjun on Tuesday made it clear that Zong would pay \$516 million in one tranche on account of license fee for two next-generation spectrums. This he said while addressing a press conference organized by the company to announce that Zong, Pakistan's fastest growing telecom network has achieved yet another milestone as it won sole license for 4G from the Pakistan Telecommunication Authority after a fair and transparent bidding coupled with auction process. He also said Zong will clear all outstanding payment to PTA before the expiry of one month deadline. "I would like to congratulate the Government of Pakistan, PTA and ministry of IT and telecom ministry over conduct fair and transparent auction," Zong chairman said, adding, "This is a moment of pride as the consumer will now have access to the most advanced telecom technology and this is our chance to prove ourselves as the "Indispensable Digital Life Partner for Life" for every Pakistani."

In his address, Dr Fan Yunjun also said that China has a long term commitment to people of Pakistan and Zong is committed to service excellence and believes in bringing the best technology with virtue of the world's largest 3G and 4G operator. "This is a victory of commitment, trust and friendship," Dr Fan Yunjun said. CMPAK Limited, better known as Zong, bid the highest – \$306.9 million – for a 3G licence in the 10MHz band, making it eligible for getting a 4G licence at a base price of \$210 million. The base price for 3G was set at \$295 million. Of the total \$1.112 billion earned by the government, Zong – which is fourth largest among Pakistan's five existing telecom players – paid \$516.92 million for the two licences. On Tuesday, Zong also demonstrated services of next-generation here in a local hotel. CEO of the company while citing history of telecommunication sector of Pakistan and China's cooperation from its inception said that both the countries are good friends and enjoying cordial relations. He said that with 10 percent of mobile broadband, Zong's share in Pakistan's economy is 1.4 percent of its GDP growth. Responding to a question whether Warid's bid to provide 4G services without acquiring a license, he said he was not much clear about this but Warid should create a balance in providing services. To another question, he referred the question to PTA whether Warid could operate without getting license of 4G technology. Dr Yunjun said that government of Pakistan and PTA held a transparent auction for next-generation technology. When asked about rates of new technology's connectivity, Dr Yunjun said that Pakistan's tariff is the cheapest in the world. He said that 4G is 10 times faster than 3G services. "This is the beginning of a new era in mobile internet which will allow us to experience extremely fast download speeds. The company has been taking giant leaps in the competitive market of telecom services by introducing customer centric services for different segments of mobile phone users along with expanding its network at an exponential rate. As the fastest growing cellular company in the industry, Zong remains the telecom operator of choice in Pakistan."

## FRAMEWORK NEWS IN ICT SECTOR

### Ufone. 3G network complete in nine cites.

[www.telecoalert.com](http://www.telecoalert.com)

May 30, 2014

**ISLAMABAD:** Pakistan Telecommunication Authority had made this obligatory for all 3G operators to make 3G services available in minimum of five cities (including four Provincial and Federal Capital) during first nine month of the 3G launch. Starting with Lahore, Islamabad, Rawalpindi and Karachi, cellular operators other than Zong are expanding their reach to serve their customers with next-generation 3G technology at earliest. Ufone completed 3G network in nine cites and Quetta is 10th number will complete soon. With current rollout status, it appears that operators have almost fulfilled their respective rollout obligations way ahead of the deadline, i.e. with-in first month of license auction. Ufone is clearly winning the race during the first few weeks by taking its 3G network live in nine cities across three provinces of the country.

Ufone's 3G network is available in following nine cities as of today: Islamabad Lahore Rawalpindi Karachi Peshawar Faisalabad Multan Gujranwala Sialkot.

Mobilink, on the other hands, has its 3G network in eight cities. Islamabad Rawalpindi Peshawar Lahore Karachi Multan Faisalabad Quetta.

Telenor, which is set to commercially launch its 3G services on June 1st, has managed to grab four cities with its 3G network. Telenor's 3G network is available in following cities: Islamabad Lahore Rawalpindi Peshawar.

### Wateen Claims to Have Delivered 99.99% Network Reliability

[www.propakistani.pk](http://www.propakistani.pk)

May 30, 2014

Wateen Telecom has announced that it is fully geared up to meet the high backhaul demands of the newly arrived Next Generation Mobile Networks (NGMN) with the largest operational metro-fiber in place. Wateen Telecom has an impressive record of establishing one of the largest long-haul networks (with 9 rings to ensure redundancy), from Karachi to Torkham comprising of ample capacities available both in transmission, packet and fiber networks to meet any kind of backhaul requirements. In metro areas, Wateen is present in 50+ cities nationwide with extensive dark fiber and managed fiber networks, traversing for over 4,500 Kms. Through its presence, Wateen is the backbone to both mobile data and voice service providers in Pakistan and is serving multiple operators and over 200 corporate customers with over 5000 links in enabling world class broadband services. With the latest data services soon to hit the market, Wateen's network is ideally placed to meet the data requirements of all NGMNs. The company is further ensuring that it extends its existing fiber optic network which traverses over 4500kms across 50+ cities – by replacing copper wire with fiber optic cables for the BTS sites of cellular operators such as Zong, in anticipation of the NGMNs rollout. Of late, the shift to fiber optic cables has picked up pace and once mobile companies have access to fiber connected networks, the possibility of genuine 3G/4G technology becomes truly viable. Wateen possesses high-level expertise in WiFi offload designs and its operations are running over 200 HotSpots at major commercial locations across Pakistan. As the "Carrier's Carrier" Wateen's network is available to help greatly economise the available spectrum for Next Generation Mobile operators for high-data consuming, but stationary subscribers, and freeing the new frequency for actually 'mobile' subscribers. With an eye to providing telecom consumers better and faster data services, Wateen Telecom has already entered into an agreement with Huawei (together with Qubee) to upgrade its network infrastructure to support 4G LTE.

Mr Naeem Zamindar, CEO Wateen Telecom, said, "Wateen's primary focus is on being the most responsive network in the country. With the onset of 3G and 4G services, the countries mobile operators will start seeing added load on their networks and Wateen has many affective solutions that will work for the overall benefit of the entire telecoms sector. I am positive that by selecting Wateen for all their backhaul needs, the NGM network operators will be able to offer their consumers a one-window service with no hassle, giving them the desired space and time to focus on their primary target of maximising subscriber equity and improved financial results."

Mr Zamindar also took this opportunity to congratulate all stakeholders on the successful completion of the 3G/4G auction. He said, "We at Wateen Telecom applaud the successful auction of Next Generation Mobile Networks (NGMN) and would like to take this opportunity to congratulate all the telecom companies involved on winning new frequency spectrums to deliver their customers cutting edge Mobile Broadband services. At the same time, we would like to congratulate the people of Pakistan who will be the ultimate beneficiaries of this technological paradigm shift."

Addressing the Pakistan government and the Pakistan Telecommunications Authority, Mr Zamindar added, "It is commendable that the government and all those involved have finally completed this transparent auction process. Your efforts are exactly in line with the need to project Pakistan as a 'Telecom Hub' for the entire region. I am certain that this is but the first step, and that moving forward we will utilise our full national potential to serve and enable our country to becoming a regional market leader in the telecommunications sector."

Today Pakistan Telecommunication Authority reported that cellular users in Pakistan reached 137,683,211 by the end of April 2014, however, there is confusion in the stats that are being reported by regulator. Keep reading to know the details. On May 2nd 2014, PTA reported that cellular subscribers in Pakistan were 136.47 million till March 31st, 2014.

Later on, a week ago or so, PTA updated these stats and reported that subscribers by the end of March 2014 were 135.44 million instead of 136.47 million. When we asked PTA about the difference in number of subscribers that it had corrected, the authority said that there was a rectification required in the stats, which was fixed accordingly.

### Pakistan Gets 137.7 Million Mobile Phone Users, But We Doubt It!

[www.propakistani.pk](http://www.propakistani.pk)

May 30, 2014

### Ufone's 3G Network Stretched to Nine Cities, Mobilink Eight and Telenor in Four Cities

[www.propakistani.pk](http://www.propakistani.pk)

May 29, 2014

### Telenor to Commercially Launch 3G on June 1<sup>st</sup>

[www.propakistani.pk](http://www.propakistani.pk)

May 27, 2014

### Nokia Launches its Affordable Dual SIM Lumia 630 in Pakistan

[www.propakistani.pk](http://www.propakistani.pk)

May 27, 2014

Interestingly, the incorrect figure of 136.47 million (PTA had admitted that figure of 136.47 million was incorrect) is carried in recent stats again. Telecommunication Authority confirmed ProPakistani that there was a mistake in earlier reported stats and that corrected stats (of 135.44 million) should be considered as final. If corrected stats are to be considered final, as communicated to us by PTA, then Pakistani telecom operators added 2.2 million subscribers in April 2014, which is hard fact for me to believe. It merits mentioning here that Pakistan Telecommunication Authority reports these stats on monthly basis as per the information it receives from cellular companies. There is no cross check, counter confirmation or any kind of validation protocol available with the authority to authenticate these stats. It merits mentioning here that cellular companies have to deposit SIM activation tax of Rs. 250 for each new connection they add to their networks. Meaning that cellular companies have to deposit Rs. 250 for each new acquisition as SIM activation tax. This tax is collected as per the stats they share with PTA and there's no other check on the numbers that cellular operators report, or that PTA ultimately produces as official stats for cellular subscribers in the country. So if you have enough money to be deposited as SIM activation tax, then you can boost your numbers against a tax money. That's it. Having said this, Pakistan has now 137.68 million subscribers

It's been slightly over a month now that trial services for 3G were started by cellular operators in Pakistan. Starting with Lahore, Islamabad, Rawalpindi and Karachi, cellular operators other than Zong are expanding their reach to serve their customers with next-generation 3G technology at earliest.

Pakistan Telecommunication Authority had made this obligatory for all 3G operators to make 3G services available in minimum of five cities (including four Provincial and Federal Capital) during first nine month of the 3G launch. With current rollout status, it appears that operators have almost fulfilled their respective rollout obligations way ahead of the deadline, i.e. with-in first month of license auction.

Ufone is clearly winning the race during the first few weeks by taking its 3G network live in nine cities across three provinces of the country. Ufone's 3G network is available in following nine cities as of today: Islamabad, Lahore, Rawalpindi, Karachi, Peshawar, Faisalabad, Multan, Gujranwala, Sialkot. Ufone has proved that their readiness for 3G network was optimum, probably this is the reason that Ufone was able to commercially launch 3G ahead of all other operators. Its quality of network for 3G in covered areas is also said to be super, hinting that they have some plans for the months to come. Ufone, it appears, is also trying to get its 3G network to cities where no one else has penetrated yet. Take example of Sialkot and Gujranwala where no other operator is offering 3G except Ufone. This approach is definitely going to earn the company notable number of extra customers during early days.

As we had hinted before, Telenor Pakistan will be launching its 3G services on commercial basis from June 1st, 2014, we have confirmed this officially. Telenor will be second operator in Pakistan to commercially launch 3G service for its customers; earlier Ufone had launched its 3G services on May 24th, 2014. We are assuming that Telenor will launch 3G services in four cities namely Islamabad, Rawalpindi, Lahore and Karachi. Not to forget, with the commercial launch of 3G services from Telenor, the trial period during which 3G service was available to customers without any charge – is going to end. An SMS message is being sent to Telenor customers telling them that free 3G services will end on May 31st, 2014. Telenor is likely to announce its 3G packages on the eve of May 31st. After Telenor's commercial launch of 3G services, Mobilink and Zong will become only two operators without any launch yet. We have heard that Mobilink may launch its 3G services with-in first fifteen days of June, while no words can be said about Zong though, which is yet to start its trial 3G services. We have heard Zong is going to hit the 3G market with big bang, but question of when is making its customers somewhat worried about the anticipated plans of Zong's 3G. Yes, we will bring the updates as soon as Telenor will announce 3G packages. So keep visiting this space back.

The Nokia Lumia 630 Dual SIM with Windows Phone 8.1 is now available in Pakistan. Nokia Lumia 630 the first Dual SIM Lumia smartphone delivers with quad-core processing and a Clear Black 4.5" LCD screen with an affordable price tag.

Commenting on the occasion, Arif Shafique, Country General Manager, Microsoft Devices Pakistan & Afghanistan said: "With high-end technologies and apps, a seamless Windows Phone 8.1 experience and the first ever Dual SIM Lumia empowering people to connect on their terms, we think the Lumia 630 Dual SIM is undoubtedly the best smartphone in its affordable price range." The Nokia Lumia 630 Dual SIM adds award-winning design and experiences found on high end Lumia smartphones to the leading personalization brought by Windows Phone 8.1. Users can now seamlessly switch between two SIM cards to manage their social life, clearly separate calls and messages to make it cheaper and easier to connect on their own terms. A quad-core Snapdragon processor delivers fast, uncompromised social experiences with Word Flow, Internet Explorer and social apps like WhatsApp, WeChat and Instagram. Nokia Lumia 630 showcases a new matte polycarbonate design with changeable shells available in bold new colors like bright orange, bright green and bright yellow, in addition to matte black and white. The 4.5" Clear Black screen, offers better viewing angles and visibility in bright conditions. Integrated features including one swipe notifications from Action Centre, the new Microsoft Enterprise feature pack, Microsoft Office, One Drive, and Camera make the Lumia 630 a great tool for work and play. The new Sensor Core also brings low power motion sensing to help people track their activity all day without using up the large 1830mAh battery effect for exercise and exploration using apps like Bing Health and Fitness. A wealth of storage

### Ufone Extends Free 3G Trial to Multan and Gujranwala

[www.propakistani.pk](http://www.propakistani.pk)  
May 26, 2014

is available, with memory expandable by up to 128GB using a microSD card, allowing people to save and switch locations of pictures, videos, music, maps and apps with ease. Nokia Lumia 630 is priced at around Rs. 17,000 in Pakistan.

Ufone, initiated the launch of 3G services in the country after successfully bidding for the 3G spectrum license and finally winning it, after which free trial services were offered to customers in Lahore, Karachi, Islamabad, Rawalpindi, Faisalabad and Peshawar for limited periods, to get them acquainted with the technology and its benefits. Similarly, the operator has started offering the free trial service in Multan and Gujranwala as well, to give the people a taste of the seamless connectivity and speed being offered by the operator. This trial 3G service is going to remain free for at least 10 days, we have confirmed with Ufone. Company said that it will notify users in respective cities to communicate them the end of trial duration. After free trials, customers can select from variety of 3G packages offered by Ufone. Ufone said that it will allow 10 free trial days with free 3G service in each city before commercially launching the service there. "It is imperative for the progress of Pakistan that we ensure advancement in the telecommunication service, in-line with the global trends." said Taimur Faiz Cheema, GM Marketing at Ufone. To enjoy the service, the customers simply need to switch their networks from 2G to 3G or from GSM to WCDMA, after which they will be able to experience ultra- fast speeds for the first 200 MBs, whereas a reduction in speed would be experienced up to 128kbps after that, to facilitate all customers, which will be notified to the customer via an SMS. All customers switching to the service will be notified via an SMS, to inform them about the service activation. Prepaid and postpaid customers will be able to benefit from the trial 3G service.

### Ufone's free 3G trial for Multani's

[www.telecomrecorder.com](http://www.telecomrecorder.com)  
May 25, 2014

Ufone, initiated the launch of 3G services in the country after successfully bidding for the 3G spectrum license and finally winning it, after which free trial services were offered to customers in Lahore, Karachi, Islamabad, Rawalpindi, Faisalabad and Peshawar for limited periods, to get them acquainted with the technology and its benefits. Similarly, the operator has started offering the free trial service in Multan as well, to give the people a taste of the seamless connectivity and speed being offered by the operator. "It is imperative for the progress of Pakistan that we ensure advancement in the telecommunication service, in-line with the global trends." said Taimur Faiz Cheema, GM Marketing at Ufone. To enjoy the service, the customers simply need to switch their networks from 2G to 3G or from GSM to WCDMA, after which they will be able to experience ultra- fast speeds for the first 200 mb's, whereas a reduction in speed would be experienced up to 128kbps after that, to facilitate all customers, which will be notified to the customer via an SMS. All customers switching to the service will be notified via an SMS, to inform them about the service activation. Prepaid and postpaid customers will be able to benefit from the trial 3G service.

### No new sim without verifying the bio-metric System after 31. July

[www.telecoalert.com](http://www.telecoalert.com)  
May 25, 2014

The government and the five cellular service providing companies active in Pakistan signed an agreement on Friday under which, no new Subscriber Identity Module (SIM) will be issued after July 31, 2014, without verifying the biometric identity of the applicant from the National Database and Registration Authority (NADRA)'s biometric system. The new agreement signed on Friday has resolved a two year row between the government and cellular service providers who had been resisting the move.

Chairman NADRA and the CEOs of Ufone, Mobilink, Zong, Warid and Telenor all signed the agreement. Chairman Pakistan Telecommunication Authority (PTA) Dr Syed Ismail Shah witnessed the signing ceremony.

Federal Minister for Interior and Narcotics Chaudhry Nisar Ali Khan has said that biometric based SIM verification will provide better technological support to the law enforcement agencies thus improving security situation in the country. He said this during a presentation given to him by Chairman NADRA, Mr. Imtiaz Tajwar prior to the signing of agreement on Biometric Based SIM Issuance between NADRA and Telecom Operators here on Friday at NADRA Headquarters. Chairman PTA Dr. Syed Ismail Shah also witnessed the signing ceremony. He said this is an area of high priority and high concern for the government. As per the new system nobody will be able to buy a new SIM without going through biometric verification process, he added. The Minister asked NADRA and the cellular companies to devise a mechanism for clearing a heavy backlog of unverified SIMs in the country.

Chairman NADRA signed this agreement with the CEOs of Ufone, Mobilink, Zong, Warid and Telenor. Earlier, in his presentation, Chairman NADRA informed the Minister that NADRA, in consultation with all stakeholders, finalized the agreement through which issuance of mobile phone SIMS on fake identity would not be possible. The Minister was told that NADRA being the sole custodian of biometrics of over 96 per cent of total population of the country, has offered this biometric solution in the wake of Interior Ministry's security concerns over the use of cellular devices in terrorist and criminal activities. It is pertinent to mention here that NADRA in this regard has already demonstrated the new Biometric Verification Systems services and applications to Pakistan Telecommunication Authority (PTA) and Telecom Operators last year. NADRA floated the draft agreement among the telecom companies, for the solution. The representatives of the telecom companies and PTA took part in the verification of their biometric impressions through the proposed solution. The proposed solution conforms to the requirements of PTA directives. As per the requirement of Biometric Verification System each citizen has to go to retailer, franchisee or Customer Service Centers of particular Cellular Operators and provide his/ her biometric for genuine authentication against CNIC data that is held with NADRA. After successful transaction the SIM will be activated.

### Samsung Launches 1st Smart Zone Customer Service Centre in Lahore

[www.propakistani.pk](http://www.propakistani.pk)  
May 23, 2014

### Ufone Commercially Launches 3G Services in Pakistan

[www.propakistani.pk](http://www.propakistani.pk)  
May 23, 2014

### 3G/4G auction challenged in ICH

[www.telecoalert.com](http://www.telecoalert.com)  
May 22, 2014

### Zong to Set up a Customer Service Centre at Wagah Border

[www.propakistani.pk](http://www.propakistani.pk)  
May 21, 2014

Samsung Electronics has announced the launch of its first Samsung-Smart Zone customer service center in Lahore today. A special inauguration ceremony was held today, at the first Smart Zone customer service center located on the Lahore road behind the City Zoo.

Samsung's Managing Director, Mr. John Park attended the ceremony as the Chief Guest and addressed the gathering.

Mr. John Park said; "The first Samsung Smart Zone Customer Service Center is a model of the company's continuous strive for providing efficient and easy customer services. Samsung is committed to provide the Pakistani consumers with the best possible consumer experience. The center will cater all Samsung's consumer electronic products" Samsung Smart Zone Customer Service Center is a One-Stop solution for all the company's consumer electronics items. Here all Samsung products with genuine Samsung warranties can be claimed for perfection.

Ufone has become first telecom operator in Pakistan to commercially launch its 3G services in Pakistan, starting off first in Lahore, Islamabad, Rawalpindi, and Karachi. With announcement of the commercial launch of Ufone's 3G service, the free trial duration in Lahore, Islamabad, Rawalpindi and Karachi is going to get over. Starting May 24th, 2014 all 3G services from Ufone will be charged as per usual tariffs, or 3G Bundles which are shared at the bottom of this page. Ufone users in Faisalabad and Peshawar will continue to use free 3G service till the announcements for their respective cities. It merits mentioning here that Ufone was offering free trial services in Islamabad, Lahore, Karachi, Rawalpindi, Faisalabad and Peshawar. Introduction of this technology by Ufone is a prime example of both leading-edge innovation and quality of service, under which Ufone customers will be able to benefit from the seamless and uninterrupted connectivity being offered. Speaking at the occasion, Mr. Taimur Cheema, GM Marketing Ufone, said, "Today is a landmark day, not only for Ufone but also for the cellular industry in Pakistan. Ufone will strive to provide excellent coverage to meet customer expectations and will be operating in compliance with the Information Memorandum. The real benefits of 3G for users are only realized when good quality service is available across the coverage area. Ufone's 3G service assures highest level of speeds at affordable prices.

Last month's auction of the 3G and 4G licenses was challenged in the Islamabad High Court in a petition submitted by a citizen which contended that the bidding process was not carried out in a transparent manner and was conducted in violation of the code and conduct which caused a huge loss to the national exchequer. The petition, Mohammad Akram Sajjad against the all mobile operators and the PTA, seeks to halt the 3G and 4G services offered by the mobile operators and also requested for a re-auction of the licenses. A petitioner, Ch Muhammad Akram Sajid, through his counsel Raja Muqsit Nawaz, filed a petition before the IHC, challenging the public auction of 3G and 4G spectrum while contending that the auction was made in violation of Public Procurement Regulatory Authority (PPRA) rules. The petitioner alleged that the Federal Government has auctioned 3G and 4G licences at low price, giving huge loss to the national exchequer. He nominated Federation of Pakistan through Secretary, Ministry of Information, Technology; Chairman Pakistan Telecommunication Authority (PTA), M/s Pakistan Mobile Communication Limited (Mobilink), M/s Telenor, Pakistan, M/s Pakistan Telecom Mobile Limited (Ufone), M/s CMPak Limited (ZONG) and M/s Warid Telecom as respondents. The petitioner adopted that the auction was made without lawful authority, therefore, to be declared void, illegal and without legal effect. The PTA initiated the process of 3G/4G licence and published the final information memorandum on March 17, 2014. The PTA chairman violated provisions of the information memorandum, Pepra laws and mala fide colluded with existing telecom operators (bidders) to artificially reduce the 3G/4G spectrum price and caused major loss to national exchequer and auctioned this valuable national asset at very low price. The under-valuation is also evident from the value at which India has recently auctioned 3G spectrum. India has sold this spectrum for \$22 billion compared to less than \$1 billion by Pakistan. Indian mobile market is 5-6 times of our market and their annual average revenue per user (ARPU) is only 20% higher than Pakistan. But PTA has auctioned 3G spectrum at 22 times less price compared to Indian auction, the petitioner said. Petitioner contended that there are rumours that Warid was purposely kept out of the bidding process, but even then the said telecom company is going to launch 4G service. As it was confirmed from the recent text messages by Warid to its customers that it will soon be launching 4G services, the petitioner contended that since Warid had not participated in the bidding process, they should not be allowed to use and/or award of 3G/4G spectrum. The petitioner contended that the entire auction process, including fixing the reserve price and last minute before auction change in number of 3G spectrum lots available was dominated by personal interest, mischief, corruption, non-transparent and collusion. The respondents had acted in excess of their jurisdiction in violation of the principles, fair play and transparency. There was error apparent and such excess of jurisdiction had resulted in manifest injustice to the people at large throughout Pakistan and heavy loss to the national/public exchequer, petitioner said. The petitioner prayed to the court to declare the bidding process as illegal and unlawful. He further prayed that till adjudication of this matter the telecom operating companies be restrained from using the 3G/4G spectrum as is being done even before the issuance of licenses.

Zong has announced to set up a mini customer service centre (CSC) at PTDC motel, Wagah border, Lahore. The CSC is being set up to provide Indian visitors with Zong's network connection upon their arrival into Pakistan. Speaking about the initiative, Dr. Zhao Peng, CCO, Zong said, "At Zong, we have always strived to provide the best service to our customers. To showcase this technical prowess and to provide a better experience to Indian visitor's from across the border, we decided to set up a CSC at the main point of entry into the country. Being a company looking to evolve basic telecom services in Pakistan, we have always looked to

**Govt in Trouble as 3G Signals Aren't Blocked by Mobile Phone Jammers**

[www.propakistani.pk](http://www.propakistani.pk)  
 May 19, 2014

create a synergy with the local masses and this initiative showcases our solidarity with the consumer. The idea is to welcome and facilitate visitors from across the border with state of the art, telecom service provision” These special Zong Sims will offer Indian visitors excellent network coverage throughout their stay in Pakistan and add value to their trip by providing them with seamless connectivity and high speed internet connection.

3G technology has become a headache for law enforcement agencies as its signals aren't blocked by mobile phone jammers that are deployed at sensitive locations in capital and across the country including Senate and National Assembly building. Government has reportedly approached PTA for the solution. As per a local news channel, law enforcement agencies are worried because the jammers installed at sensitive locations aren't blocking 3G signals and hence data and voice reception on mobile phones is possible even in presence of mobile phone jammers. For those who aren't familiar, these mobile phone jammers transmit a noise signal at a particular frequency and resultantly all the legitimate signals (from cellular operators, TV, Radio, GPS or others) get distorted or blocked. It appears that already deployed mobile phone jammers are capable of disrupting signals only in 900Mhz and 1800Mhz bands. 2G networks in Pakistan operate with-in these bands and jammers with these frequencies (900Mhz and 1800Mhz) were considered sufficient for blocking cellular signals during pre 3G era. It merits mentioning here that majority of mobile phone jammers come in multiple frequency bands with ability to block signals in more than one frequency band, however, some vendors to save cost also produce single or only two band signal jammers. Now as you may know that 3G networks in Pakistan are deployed in 2100Mhz which aren't apparently blocked by the same jammers, hinting that these jammers are not capable of jamming 2100Mhz signals. In such cases, government will have to upgrade their jammers or replace them to completely block cellular signals both for 2G and 3G networks. Which, by the way, will mean another tender and more chances for the FnF to grab some bucks. Overall, it's nothing to worry about just some more expense and that's it. On a related note, all those illegal Jammers that were unofficially deployed by individuals may also not function properly to block 3G signals.

**Ufone extends free 3G trial offer to Faisalabad, Peshawar**

[www.telecomrecorder.com](http://www.telecomrecorder.com)  
 May 19, 2014

Cementing its lead to facilitate the consumers across Pakistan, Ufone has extended the circle of its free 3G trial services to Faisalabad and Peshawar. Now the customers living in these cities will be able to benefit from the blazing speeds and seamless connectivity free of cost for 10 days. Users will be able to experience accelerated speeds for the initial 200 mb usage, whereas, for any subsequent usage, a reduction in speed would be experienced up to 128 kbps, about which the customer will be intimated via an SMS, moreover, the policy will be auto renewable on daily basis.

Mr Taimur Faiz Cheema, GM Marketing at Ufone, said regarding this extension offer, “As announced earlier, we are further rolling out our 3G services to Faisalabad and Peshawar in subsequent stages to facilitate and acquaint our customers with this newly introduced service by the operator for free, although for a limited period.” The services could be availed by simply switching to WCDMA in 3G enabled smart phones, or by switching from 2G to 3G mode in other words. Prior to the activation, a notification SMS will be sent to the customer informing him about the 3G activation. Additionally, both prepaid and postpaid customers will be able to benefit from the 3G service free of cost for a limited time.

**Government's resolve to support and develop the telecom sector with friendly policies. Dr Shah**

[www.telecoalert.com](http://www.telecoalert.com)  
 May 14, 2014

The 7TH Pakistan TeleCON 2014 concluded here today with regulators and experts determining that a data revolution, connected communities and a digitized ecosystem will define the telecom sector in Pakistan. The theme of the conference was “The Changing Dynamics of Telecom and ICT Sectors in Pakistan”. Organized annually by SHAMROCK Conferences International, to highlight and debate on critical issues and opportunities concerning the telecommunication sector, including ICT trends and its impact on economy, the conference was a well-attended affair with participation from a cross-section of companies and organizations.

In her message to the organizers, Minister Anusha Rehman said, “The priority of our government is to use next generation ICT services particularly mobile broadband for an accelerated digitization ecosystem to enable socio economic development expanding knowledge based economy and spur economic growth.”

Chairman PTA Syed Ismail Shah in his keynote address reiterated the government's resolve to support and develop the telecom sector with investor and consumer friendly policies. He said, “We expect a strong demand for 3G as operators will start rolling out services and consumers getting excited about the new enabling technologies; it will connect communities and people, the whole experience will be like a data revolution.”

Mr. Mudassar Hussain, Member Telecom, Ministry of MoIT highlighted that on the policy front, the government had invited industry and public consultants to be partners in its decision making; and in this context a review of the telecom policy was also in the offing. In his opening remarks, Menin Rodrigues, Convener of TeleCON 2014 said, “The telecom sector has performed exceedingly well and while the Ministry of IT & Telecom and PTA are doing all that is right for the country and its citizens, some issues of level playing fields for stakeholders and proliferation of grey telephony persist.” In the opening session on “Regulatory”, prominent industry personality Mr. Zouhair A Khaliq, now a telecom consultant in the UK appreciated the growth in telecom in the country and how it has evolved from a struggling industry to its phenomenal growth today. He reiterated that the policy framework must have constructive dialogue with industry players to remain relevant in the future, including the rationalization of taxes. The Convener of the Internet Service Providers Association of Pakistan (ISPAK) Mr.

### AJK and GB to Wait for Few More Months to Get 3G and 4G

[www.propakistani.pk](http://www.propakistani.pk)

May 12, 2014

### Warid announcement to launch 4G services will affect Zong

[www.telecoalert.com](http://www.telecoalert.com)

May 11, 2014

Wahaj us Siraj said that the government and regulatory bodies must create a balanced approach to its dealings with stakeholders. He complimented the PTA for a transparent spectrum auction process. Giving his assessment of telecom as an economic sector, Mr. Ali Salman, CEO, Policy Research Institute of Market Economy (PRIME) informed the participants that flawed policies and lack of controls are a result of non-compliance of economic principles and parameters, and therefore, grey trafficking has increased. In the session on "Technology" Mr. Omer Bin Tariq, Director Internet & Devices, Telenor Pakistan said, empowering societies, Internet for all, will shape the future of a progressive Pakistan; and the socio-economic impact of 3G will improve education, health, commerce and entrepreneurship. "A correct rollout plan can spur economic and GDP growth" he added. Mr. Veqar ul Islam, President of Touchpoint Group pointed out that indeed the mobile phone is the ultimate universal access tool; it has given power to do things like never before, bridging the digital divide. The Chief Operating Officer of Supernet Mr. Hamid Nawaz dilating on the subject of enabling satellite backhaul networks said that his company was ready to support 3G. Mr. Naeem Zamindar, CEO, Wateen Telecom in an eloquent style spoke about high speed connection for economic growth; he pointed out technology and social transformation is at hand as access to data will revolutionize our world in leaps and bounds. Providing optic-fiber connection to HEC institutions across Pakistan, his company has given every citizen an opportunity to access broadband. An interesting presentation on E-Waste was made by Mr. Adnan Shahid, Chief Ideas Officer of Ideogeny who glaringly highlighted the sorry state of affairs in proliferation of electronic waste and how this practice continues to be an environmental and health hazard for the people of Pakistan. The closing session on "Social Challenges" was chaired by Prof. Dr. Sajjad Mohsin, Dean, Faculty of Information Science & Technology, COMSATS, with Mr. Faisal Javed Khan, Head of Electronic Media Operations PTI speaking on how a political party successfully mobilized the youth to vote for change through social media communications.

Azad Jammu & Kashmir and Gilgit & Baltistan regions will have to wait for few more months to get 3G and 4G networks, we have confirmed with concerned authorities.

According to Information Memorandum for the auction of 3G and 4G spectrum auction, next-gen licenses offered to 3G and 4G operators will allow the telcos to offer 3G and 4G services within territorial extent of Pakistan excluding Azad and Jammu Kashmir and Gilgit and Baltistan. IM had said: A License for spectrum awarded in the NGMSA provides exclusive use of the frequencies licensed to that Operator. The services permitted are governed by each specific License (see 2.1.3 below). The territorial extent of each License is the whole of Pakistan excluding Azad Jammu & Kashmir (AJK) and Gilgit Baltistan (GB). When asked that why 3G and 4G service offerings in AJK and G&B were not included in the license, authorities said that all necessary measures are being taken to give the current license holders an extension to start offering services in Azad Jammu and Kashmir and Gilgit and Baltistan as well.

PTA said that Kashmir Council is being consulted on the matter and an extension in license is in the pipeline already. Authority didn't communicate any timeframe for the completion of the process or when exactly the people of AJK will be able to experience 3G and 4G services. It may be recalled that cellular operators in Pakistan were offered an extension of their cellular licenses to offer services in AJK in 2005 after earthquake in the region. Companies were then charged US 1 million per operator for the service extension in AJK. PTA said a similar extension will be offered to already operating 3G and 4G operators. No new auction will be carried out for 3G and 4G services in AJK, instead the winners of April 2014 auction will be held qualified to avail the extension, confirmed us PTA. It may be recalled that Special Communication Organization (SCO) – an army administered telecom company is monopoly in AJK and Gilgit and Baltistan for provision of broadband services to the users. Users in AJK and GB are largely unhappy about the rates and quality of services that SCO offers.

How can one mobile service operator offer 4G at no added expense, while others have to pay the government over \$200 million so they can launch the same service?

Warid Telecom took the telecom sector by surprise when it announced plans to launch 4G services without bidding at last month's auction. Zong, which has been advertising itself as the "first and only" company to offer 4G services in Pakistan, is particularly affected. Zong has said that it will take about a year to launch 4G services, but Warid seems ready to 'go 4G' in comparatively less time. Dawn reported last day. According to the Pakistan Telecommunication Authority (PTA), all five cellular service providers were initially allocated frequencies from the 1,800MHz spectrum in order to launch their services. This spectrum has now been allocated to provide 4G services.

However, unlike Warid – which has the least subscribers of all networks other service providers have congested their bandwidth by adding on millions of subscribers over the years. This would also explain connection problems and slow internet speeds for their customers. According to a PTA spokesperson, "They need more bandwidth – or greater space – to accommodate an increasing number of subscribers as well as provide high-speed data services." PTA's 2013 report states that Mobilink has the highest number of subscribers, with a market share of 30 per cent. Telenor too, is ranked amongst the companies with the most subscribers and enjoys a market share of nearly 25 per cent. However Warid has the lowest number of subscribers with 10 per cent of the market share. "The spectrum required depends on the company's business plan, plans to increase subscriber base and the financial health of the company to afford the cost of the licence. Except Warid, which has room to add more subscribers without increasing its bandwidth, it makes good business sense for other operators to increase bandwidth in order

to improve voice and data services as well as providing next generation mobile services and remain competitive,” said the PTA spokesperson, when explaining why Warid stayed away from the 3G/4G licence auction last month. However, when Warid approached PTA last month with the desire to launch 4G services, the PTA responded through a statement that the purpose of the new spectrum was to offer faster broadband/data services. Therefore, it required new parameters and performance indicators. “On the basis of this, PTA is saying that if Warid is inclined to offer 4G on its existing licence agreements and spectrum, the authority will have to look into the licence agreement and bring Warid under similar conditions to winners of the auction. The PTA is interested in learning how Warid will be using the present spectrum. Technical details with regard to 4G services have to be shared and agreed upon by the PTA,” said the spokesperson. PTA also maintains that, “Warid’s existing licence is technology-neutral but does not provide any quality of service (QoS) parameters and key performance indicators (KPIs) for the 4G service.” The PTA spokesperson said that Warid would have to comply with the KPIs and QoS parameters laid down by the authority regarding 4G services. “The offer of 4G/LTE services by Warid will have to go through a process as per their licence as well as requirements assuring proper coverage, quality of service, enhanced monitoring requirements etc. This may entail changes to Warid’s existing cellular mobile telephone services licence,” he said. An industry analyst explained how Warid is well within its legal rights to launch 4G on its existing 1,800MHz spectrum. “Other cellular companies can also go 4G since they have bandwidths from the same spectrum. The only problem Warid faces is the limited bandwidth,” said Internet Service Providers Association Pakistan Convener Wahajus Siraj. “Around the world, licences are technology neutral because it keeps changing. However, services can be regulated to set standards to ensure quality service,” he added.

The impression in the market is that China Mobile (Zong) surfaced as the largest operator after winning the maximum spectrum on auction, and was unlikely to lose its position as a dominant player in the future. China Mobile spokesperson, Sheldon Godinho said: “We expect a level playing field for all.” Other operators are mostly unaffected by Warid offering 4G services, since the technology is too expensive and they are choosing instead to launch 3G services and aim for faster 4G service in the next five years. “Our analysis shows that there is a greater penetration of 3G handsets as compared to 4G handsets amongst mobile data customers in the industry and hence we are geared up accordingly. We will look into various options in the future when the government announces its intent to auction the remaining 4G spectrum,” said Mobilink spokesperson Omar Manzoor.

Nine students were felicitated for being the best talent selected from all over Pakistan and holding the honor to represent the country at an international platform the Intel® International Science and Engineering Fair (ISEF) to be held in Los Angeles, California from May 11-16, 2014. In an hour and a half long ceremony, the winners of the National Science Fair, now the TEAM Pakistan 2014, were congratulated and given an opportunity to interact with media and showcase their respective projects. These finalists will be amongst 1700 young students at the world’s largest pre-college science fair, the only global science competition for students in grades 8-12. Bringing together more than 1700 young students from more than 70 countries, Intel® ISEF 2014 is an opportunity for the best young minds in the world to come together and share ideas, showcase cutting-edge projects, and compete for more than US \$4 million in awards and scholarships. The winners are selected based on their creative ability and scientific thought, as well as the thoroughness, skill, and clarity shown in their projects.

Naveed Siraj, Country Manager, Intel Pakistan said, “Intel® ISEF is influential in highlighting the talent for creativity and innovation that exists in the country. This year, with 2 group and 3 individual research based projects being selected for the ISEF, we have a greater opportunity to showcase the young talent existing in the country, encouraging students to search for solutions to real problems they witness around them in addition to scientific challenges the solution to which is vital for tomorrow’s progress.”

**Nine Students from Pakistan to compete at the ISEF 2014 in Los Angeles, USA**

[www.propakistani.pk](http://www.propakistani.pk)

May 09, 2014

## Mobilink Launches 3G Enabled USB Dongle

[www.propakistani.pk](http://www.propakistani.pk)

May 06, 2014

Mobilink has announced the availability of its 3G enabled USB Dongle which provides customers high speed internet with plug and play technology. The device is named as "SpeedNet" and it comes with free trial for 3G services and offers high speed internet reaching up to 7.2 Mbps, said a statement issued by the company. Aamer Manzoor, Head of Data Mobilink commenting on the launch said, "In line with Mobilink's strategy of providing quality experience to its customers Mobilink will launch products and services that maximize the utility of our 10MHz 3G spectrum. The SpeednetUSB dongle provides our customers the flexibility to connect with our 3G network on the go and enjoy high-speed internet. I am sure that our customers will make the most out of this offer and our free 3G trial."

### Pricing and Availability:

Speednet USBs is currently priced at PKR 2,500. This is device's cost and doesn't include any data plan. Currently, during the trial duration, Speednet will function without any charges. Later on, after commercial launch of Mobilink's 3G services, customers will be allowed to select their desired data plans as per their needs. Mobilink has said that its Speednet USB Dongles are currently available at Mobilink Customer Care Centers in Karachi, Lahore, Islamabad, Rawalpindi, Quetta, Peshawar, Faisalabad and Multan. The USB dongles are compatible with USB supported laptops and desktops of all brands. The device is plug and play and comes with packaged software for installation.



## Sindh Assembly passed resolution against illegal Sims

[www.telecoalert.com](http://www.telecoalert.com)

May 06, 2014

A resolution against illegal Subscriber Identity Modules (SIMs) in the country was unanimously passed in the Sindh Assembly on Monday, Express News reported. It was presented by Pakistan Tehreek-e-Insaf's MPA Dr Seema Zia and was supported by Muttahida Qaumi Movement as well as Pakistan Peoples Party. The resolution said that the government should take steps to stop the usage of illegal SIMs in the country. The PTI MPA stated that 90% of the crimes took place because of these illegal SIMs, adding that illegal SIMs from Afghanistan and South Africa were being used in Pakistan which were being used for various crimes including extortion.

## Breaking: PTCL to Launch 36Mbps Wireless Broadband With-in Two Weeks

[www.propakistani.pk](http://www.propakistani.pk)

May 06, 2014

If you think that 3G or even 4G was your last resort for mobile broadband needs then the time has come to think it again. I am saying this PTCL is all set to come up with something that will blow your minds. The company has decided to shock the market again with this new device that will change the way we connect to internet, exactly like it did with EVO and Nitro devices few years ago. We have confirmations that blazing internet speeds up to 36Mbps are going to be up for the offering to masses in Pakistan with-in next just couple of weeks, yes that's about with-in 15 days from today. According to the information we have received, this new technology is being pioneered in Pakistan by PTCL that is capable of offering wireless broadband speeds up to 36Mbps for download and up to 7Mbps for data uploads with-in PTCL's existing WLL spectrum. Our sources confirm that actual download speeds crossed 30Mbps mark on a network that PTCL is currently testing in a live environment. Customers can expect actual download speeds of 20Mbps to 25Mbps after the launch of this new project from PTCL that is code-named as "Chaar Ji" with-in the company. PTCL hasn't confirmed us anything officially yet, however, we have cross checked with multiple sources to believe that this whooping wireless broadband speed something we used to hear about from our foreign friends only will be available on EVO-like WiFi dongle devices. At the time of the launch, we are told, the service will be offered with a starting price of Rs. 3,000 per month. Pricing may go higher with higher data caps, but we don't have final details yet. Expect more details on this ridiculously fast internet in Pakistan with-in coming days on this website. For now, just imagine a download speed of 20Mbps even when you are driving around on the roads of Karachi!

**Update:** As mentioned above, there are already tests being carried out by PTCL on this technology that offers 36Mbps download speeds. The feedback from testers has been amazing, as apparent by below tweet shared by a fellow. It also has the image of "Chaar Ji" device that will launched later this month.

## Mobile Phone Users in Pakistan Reach 136.5 Million

[www.propakistani.pk](http://www.propakistani.pk)

May 02, 2014

Cellular subscriptions in Pakistan reached all time high mark of 136.5 million at the end of March 2014, said recently issued stats by Pakistan Telecommunication Authority. With cellular teledensity of 74.9 percent, mobile phone users in Pakistan stood at 136,469,886 at the end of first quarter 2014. During March, Mobilink crossed 38 million subscribers for the first time. Similarly, Zong crossed Ufone's subscription count to become number three operator in the country. March remained vital for Telenor as well, that crossed 35 million mark for the first time in its history. Telenor is now just three million subscriptions short of Mobilink, the market leader in Pakistan's cellular industry. Warid stood at 12.94 million subscribers.

# District Hyderabad - ICT Infographic

## Area

1,021 - sq.km



## Estimated Population - 2013

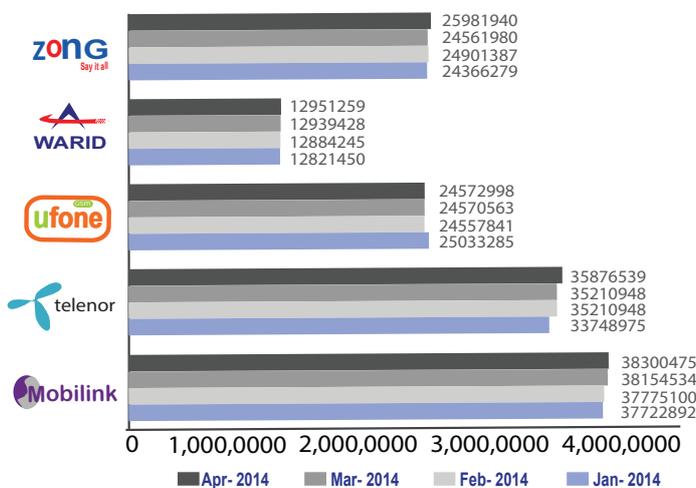
2,042,020 Persons

Male : 1,050,722

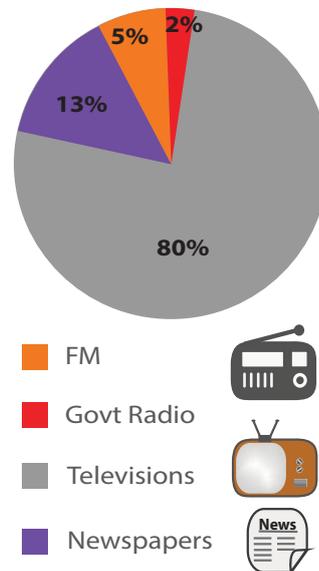
Female : 9,714,981



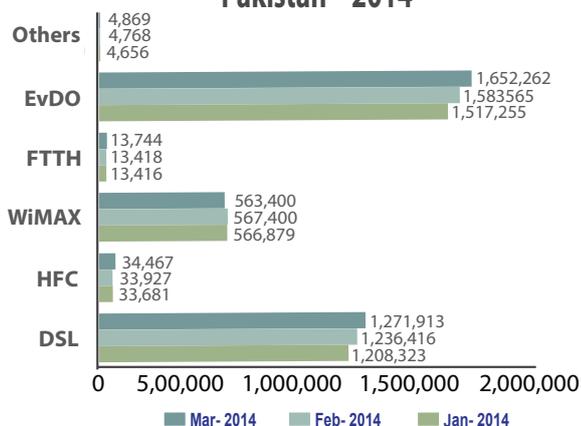
## Cellular Subscribers in Pakistan - 2014



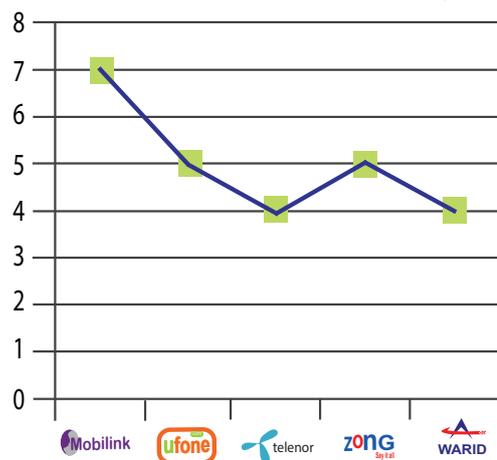
## Various Media Sources in Hyderabad

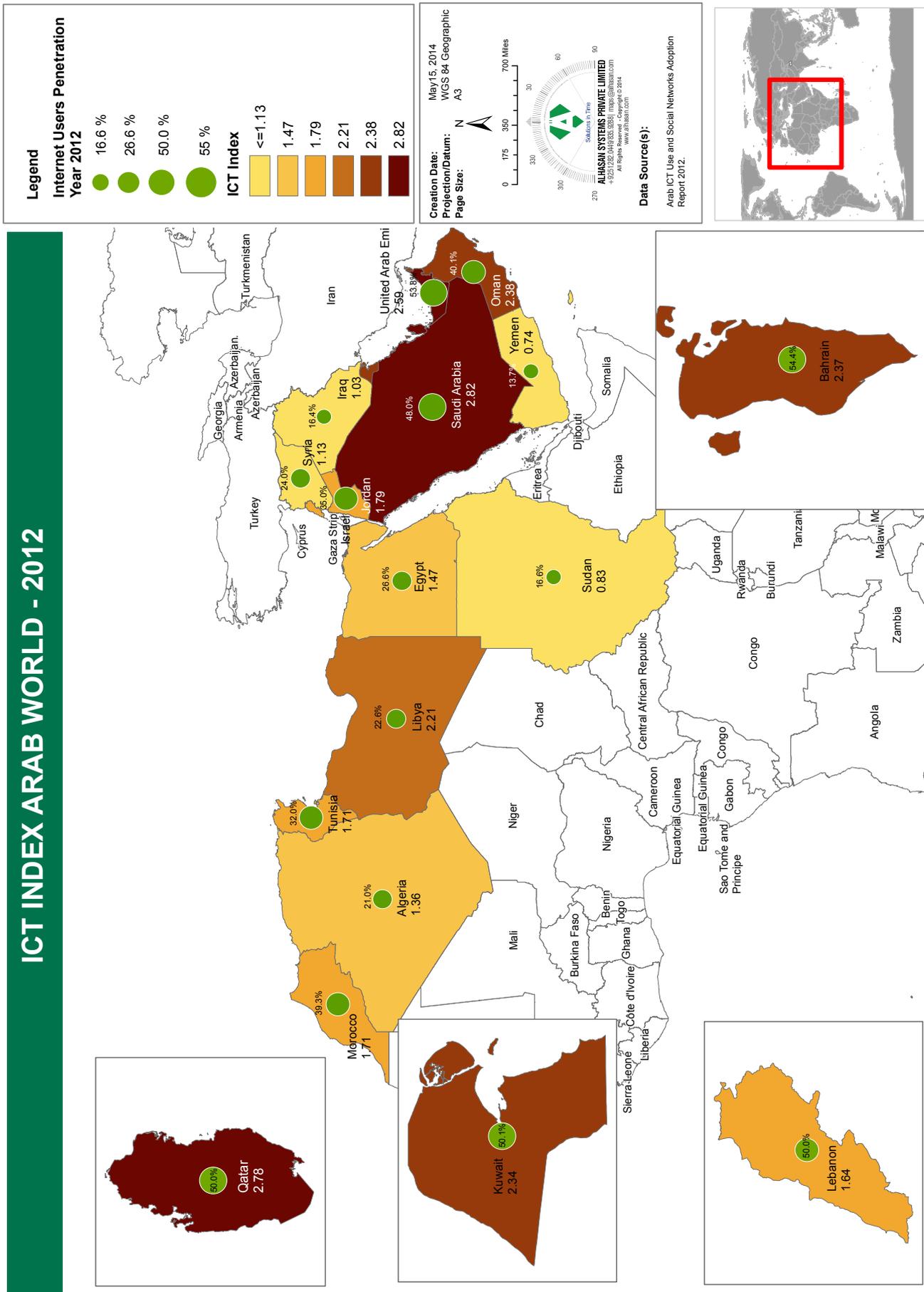


## Technology Wise Broadband Subscribers Pakistan - 2014

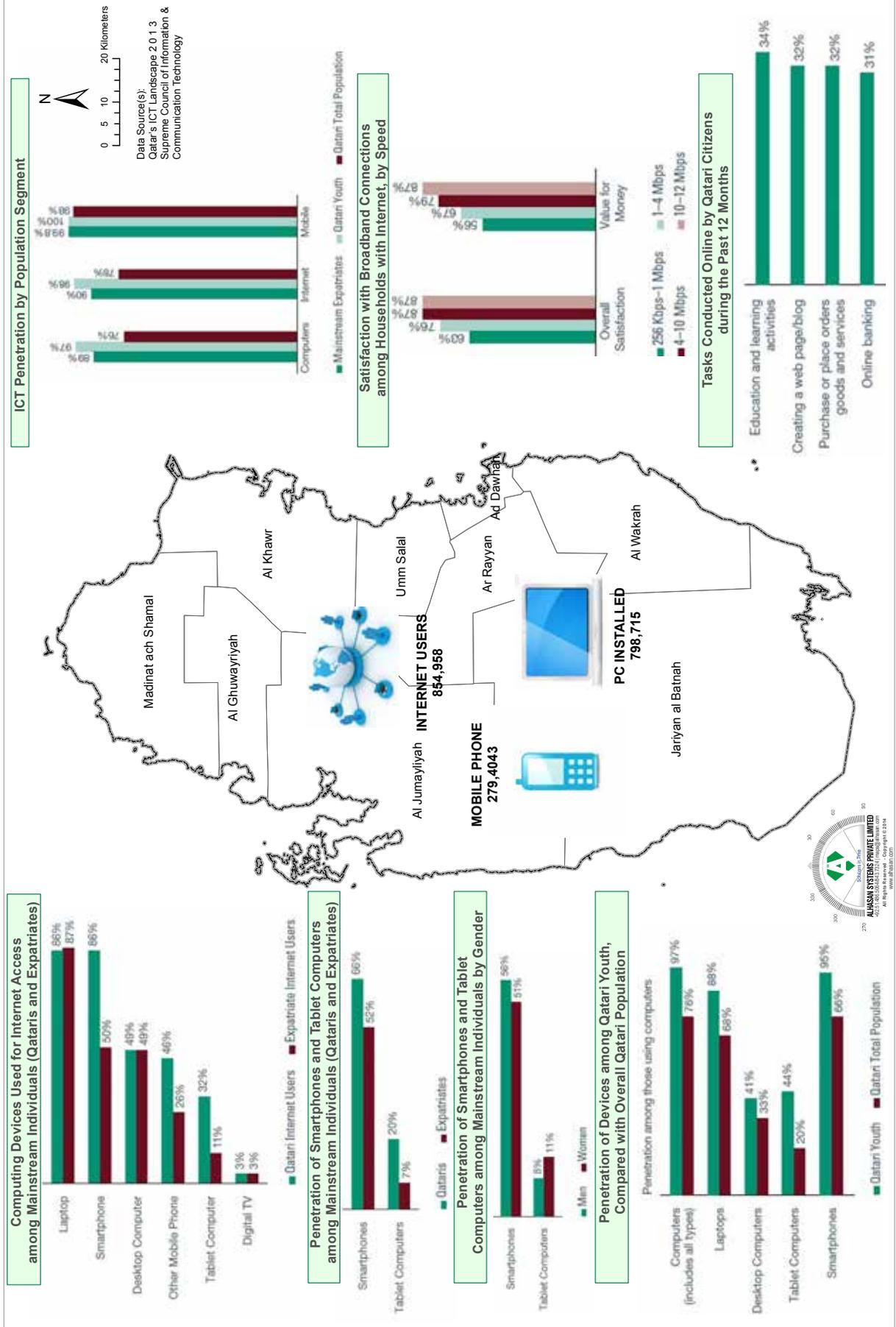


## Cellular Companies Franchises in Hyderabad





**ICT LANDSCAPE QATAR - 2013**



**Legend**

**Franchise**

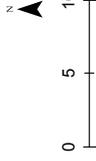
-  Mobilink
-  Telenor
-  Ufone
-  Warid
-  Zong

**District Boundary**

**TEHSIL**

-  HYDERABAD
-  LATIFABAD
-  QASIMABAD

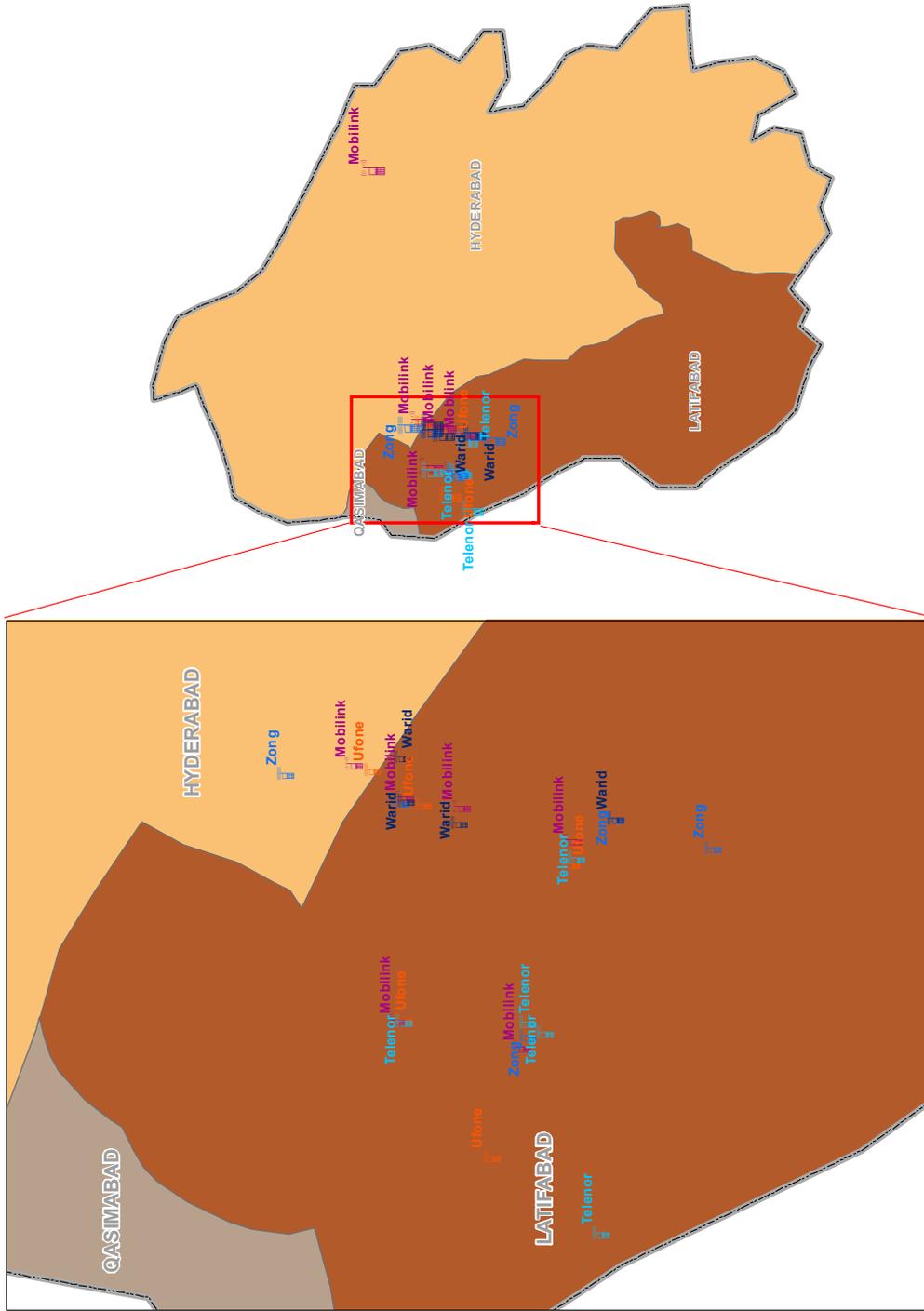
Creation Date: June 18, 2014  
 Projection/Datum: WGS84 Geographic  
 Page Size: A3



**Data Source**  
 Admin Boundar: Population Census Organization(PO)  
 Franchises Data: Mobilink, Telenor, Ufone, Zong and Warid websites.



**Hyderabad - Mobile Franchises Map**



## Analysis: YouTube ban solution is in hand

By Jahanzaib Haque

Daily Dawn, May 08, 2014

When is YouTube opening? The question has tormented Pakistan's internet users since the release of the Innocence of Muslims trailer, and the consequent blanket ban in September 2012. The answer was assumedly the responsibility of the then PPP government, which opted instead to let the issue slide and become the incoming PML-N's headache. To its credit, the PML-N brought in the right person for the job, Information Technology Minister Anusha Rehman was among the most vocal and progressive voices in the previous government's National Assembly Standing Committee on Information Technology. She was absolutely in favour of unblocking YouTube, so what went wrong? Plenty. Since assuming power, the government has refused to tackle the issue seriously, opting instead to issue intermittent vague promises of an end to the ban, while near simultaneously insisting the ban would remain in place. This strategy may have worked indefinitely if it wasn't for a petition filed in the Lahore High Court that resulted in a court ordered meeting in May between petitioners Bytes For All, members of the Ministry of Information Technology, including Anusha Rehman, and the heads of multiple government and corporate organisations, including the chairman of the Pakistan Telecommunication Authority. The outcome of the meeting was positive and a joint submission by all stakeholders to the court is in the pipeline. This week, the National Assembly also unanimously adopted a resolution to lift the ban on YouTube, but stakeholders close to the issue are divided on whether these developments signal real progress. "The National Assembly resolution is a big drama. A representative from YouTube has visited Pakistan three times in the last year but the minister refused to meet him," a source close to the issue said, adding that Google submitted a solution in writing to the Senate months ago: interstitial warnings a warning page before a video plays that appears on every copy of Innocence of Muslims hosted on YouTube, not just in Pakistan, but globally.

Additionally, the source said Google also agreed to blocking any copies of the video in future if notified by Pakistan; however, a first list submitted by the government included numerous video block requests that were not copies of Innocence of Muslims. Given such tactics and massive delays on the part of the government, Google went ahead with this solution anyway. "It's really simple. Interstitials were offered to Pakistan just like they were offered to Bangladesh, which accepted the solution last year and ended the ban," says Director of BoloBhi Fariha Aziz. "YouTube has already applied this, Pakistan doesn't even have to request it that it's been done. All that remains is for the PML-N government to make the decision to unban YouTube and move forward." For Google, this system was easy to implement as a stopgap solution until Pakistan introduces an intermediary liability protection (ILP) law, which the company has been demanding in order to establish a localised version of YouTube. The localised version of the site would give both Pakistan and Google greater flexibility in responding to such a crisis in future, but this option remains in limbo as ILP is part and parcel of the Pakistan Electronic Crimes

Ordinance which has remained in draft form for the last five years and was, ironically, the legislation Anusha Rehman worked on at length. Those in the industry say Google is also not interested in 'going down the Facebook path' a reference to the social network's agreement with the government to restrict access to pages and groups as submitted by the PTA.

The agreement has been roundly criticised by human rights organisations due to its clandestine nature, and in light of the fact that Facebook pages such as that of Roshni.pk an independent group lobbying for secularism in Pakistan were restricted for local users by Facebook, while pages run by banned organisations and militant groups continue to operate with relative impunity.

According to those working on the issue, the interstitial warnings solution seems the only acceptable way forward in the short term. "I can say with absolute authority there is no technical solution to blocking content on YouTube even the government has realised that," says Country Director of Bytes For All Pakistan Shahzad Ahmad, in reference to the recent joint meeting ordered by the LHC. "Intermediary liability protection laws will also not be enough mechanisms would have to be developed as simply imposing a law with no real systems in place will cause more harm than good," he adds. Given that interstitial warnings are already in place for Innocence of Muslims on YouTube and can be applied to any future videos that result in a crisis-like situation, ending the ban on YouTube appears to only be a question of political will end the ban, flip the switch. But what if interstitials are 'not enough' for the extremist elements that led the violent riots resulting in the ban on YouTube?

As Ahmad recalls, "This point has been brought up many times in the courtroom, and it has been used as a threat as well, with groups walking into sessions warning of dire consequences...but stopping danga fasaad is the state's job, isn't it? If mobs come out on the streets and break the law, should we fold over, or stay the course and do the right thing?"

## Did Warid really surprise everyone?

By Salim Karim

Daily Dawn, May 07, 2014

With the recent auction concluded for 3G and 4G licenses in Pakistan, there was a great deal of speculation as to why telecom giant Warid was not participating in the tender. Some saw this move as a sign that Warid would be selling out, while others thought that the Emirati-based company was showing no confidence in the government's ability to hold such an auction and therefore decided not to waste its time. What happened in reality was something that almost threw people off their seats. In a surprise move, Warid started to advertise the launch of 4G LTE. Now if the difference between 3G and 4G wasn't confusing enough, bringing LTE or Long Term Evolution into the mix can only leave the average consumer baffled. To be clear, 3G, or third generation technology, was the first technology introduced after 2.5G or EDGE as we know it. This technology allowed for faster data speeds and permitted users to make voice calls while simultaneously using data. i.e. you could talk on the phone while continuing to browse through Facebook. With 4G, or fourth generation, things get a little complicated. There are different versions of 4G as we are learning. There is 4G and 4G LTE. Some argue that LTE is the real 4G but that too is being debated under the International Telecommunications Union, who argue that LTE Advance and WiMax Release 2 are the only true forms of 4G. However, for simplicities sake, we will leave that debate aside for this article. When cellular companies use the term 4G on its own, they are normally referring to HSPA+ or High Speed Packet Access where the plus stands for an evolved technology over 3G. In simplistic terms, this means that you get faster data speeds over 3G. Where one would expect 3G to give us approximately two megabits per second (Mb/s), 4G should clock in anywhere between 5 Mb/s to 10 Mb/s.

LTE was developed by 3GPP in order to increase the speed while reducing latency — the amount of time a webpage takes to buffer on your browser. This was achieved through improving the way data is processed between the device and cell sites. We should expect speeds anywhere between 5Mb/s to 15 Mb/s depending on the network congestion and cell sites. So, did Warid really surprise everyone, including the PTA by announcing the launch of 4G LTE?

In my personal opinion: No.

Warid, when it first launched in 2004 came into Pakistan holding 8.8 Mhz spectrum in the 1,800 Mhz band and 5 Mhz spectrum in the 900 Mhz band. This would allow it to launch LTE on the 1800 Mhz while transferring the voice calls to the 900 Mhz. Since the subscriber base of Warid is not large enough the current spectrum is sufficient for Warid to launch 4G LTE without requiring additional spectrum like the other operators. This isn't a mere coincidence. Warid came into Pakistan with a long-term plan and being awarded a technology neutral license wasn't just an oversight but rather brilliant planning from the Abu Dhabi Group owned company.

The PTA had to have full knowledge of this and the current tussle between Warid and the PTA over agreement issues seems merely to reduce the grievance of other mobile operators who collectively just dished out \$1.1 billion.

Whatever the real story behind Warid's entry and the auction, the real winners of this will be the people of Pakistan. Although, at first, one may not see the real benefits of having 3G and 4G in Pakistan aside from the fact that one has faster internet on their mobile devices, the new platform will change the current market drastically. We will see increase in e-commerce. Online content will be available to more people easily. The way we consume information from television to print media will all develop around this faster technology. Consumers will be able to shop online which means businesses will have far greater reach. Education will not be limited to classrooms. Students could access lectures happening at, for example LUMS, from a small village in Sindh. The benefits and the possibilities of this technology are endless.

It is an exciting time for Pakistan and the way we chose to adopt this new era in mobile communication is only limited by our imagination. Critics will argue that this technology has been around for years and Pakistan is lagging behind.

## تفصیلات

## سرخیاں

ٹیکسوں کی بھرم سے ٹیلی کام سیکٹر  
کی نمو کو خطرہ

روزنامہ الاخبار

30 مئی 2014

کراچی: پاکستان موبائل صارفین پر ٹیکسوں کے بوجھ کے لحاظ سے دنیا کے سرفہرست ملکوں میں شامل ہو گیا ہے۔ گزشتہ چند سال کے دوران پاکستان میں ٹوٹل کاسٹ آف موبائل اوور شپ (ٹی سی ایم او) میں 147 فیصد اضافہ ہوا ہے۔ ٹی سی ایم او ایک گلوبل شیڈ مارک ہے جس کے ذریعے دنیا کے کسی بھی ملک میں موبائل فون کے استعمال پر عائد محصولات سے صارف کے لیے موبائل فون سروس کے حصول اور استفادے میں آسانی اور مشکلات کا اندازہ لگایا جاتا ہے۔ ٹیلی کام انڈسٹری کے مطابق پاکستان میں گزشتہ چند سال کے دوران موبائل فون سروس پر عائد سبز ٹیکس میں 30 فیصد اضافہ ہوا۔ جبکہ سال 2012-13 کے مقابلے میں ایڈوانس انکم ٹیکس کی شرح میں 50 فیصد اضافہ ریکارڈ کیا گیا۔ سیلولر انڈسٹری پر ٹیکسوں کی بھرم اور امتیازی ٹیکسوں کی وصولی نے پاکستان کو ٹیکسوں کی بلند شرح کے حامل سرفہرست ملکوں میں شامل کر دیا ہے جس سے نہ صرف انڈسٹری کی ترقی کی رفتار متاثر ہو رہی ہے بلکہ نیکسٹ جزییشن تھری جی ٹیکنالوجی کے پھیلاؤ میں بھی مشکلات کا سامنا ہے۔ موبائل آپریٹرز کی گلوبل ایسوسی ایشن جی ایس ایم اے کی تحقیق کے مطابق ترقی پذیر ملکوں میں موبائل فون کی سہولت کے نفوذ میں 10 فیصد اضافہ اس ملک کی جی ڈی پی میں 1.2 فیصد اضافے کا سبب بنتا ہے۔ ٹیکسوں کی بلند شرح کے سبب آپریٹرز کا منافع محدود ہو رہا ہے۔ جس سے نیٹ ورک کی بہتری کے لیے سرمایہ کاری پر بھی منفی اثرات مرتب ہو رہے ہیں، ٹیلی کام سیکٹر کی سرمایہ کاری پر ریٹرن کم ہونا پاکستان میں بیرونی سرمایہ کاری کے لیے بھی خدشات کا سبب بن رہا ہے۔ پاکستان میں تھری جی ٹیکنالوجی کے لیے بھاری مالیت کی سرمایہ کاری کی گئی ہے تاہم ٹیکسوں کی بلند شرح کے سبب صارفین کی قوت خرید کم ہونا تھری جی ٹیکنالوجی کے پھیلاؤ کی راہ میں رکاوٹ بن رہا ہے، تھری جی ٹیکنالوجی کے ذریعے موبائل ڈیٹا ٹرانسفر میں نمایاں اضافے کی توقع ہے، موبائل ڈیٹا کا حجم دگنا ہونے کی صورت میں پاکستان کی جی ڈی پی میں 0.5 فیصد اضافہ ہوگا تاہم اس کے لیے ٹیکسوں کو مناسب سطح پر لانا ہوگا۔ ٹیلی کام انڈسٹری نے حکومت پر زور دیا ہے کہ آئندہ بجٹ میں ٹیلی کام انڈسٹری پر عائد ٹیکسوں کی شرح اور امتیازی ٹیکسوں پر نظر ثانی کی جائے بصورت دیگر حکومت اور انڈسٹری دونوں کو مشکلات کا سامنا کرنا پڑے گا۔

انڈسٹری کی جانب سے حکومت کو دی گئی بجٹ تجاویز میں کہا گیا ہے کہ پاکستان سستے ترین کال ریٹ کے ساتھ دنیا میں ٹیکسوں کی بلند ترین شرح کا حامل ملک بن چکا ہے، پاکستان میں ٹیلی کام سیکٹر پر 19.5 فیصد سبز ٹیکس اور فیڈرل ایکسائز ڈیوٹی، 15 فیصد ایڈوانس انکم ٹیکس اور ود ہولڈنگ ٹیکس، 250 روپے ایکٹیویشن چارجز عائد ہیں جبکہ لائسنس فیس، یونیورسل سروس فنڈ لیوی اور ریگولیٹری فیس کی شکل میں اضافی ٹیکسز بھی عائد ہیں۔ ملک میں 13 کروڑ 60 لاکھ سے زائد سبسکرائبرز میں سے 80 فیصد قابل ٹیکس آمدنی کی حد سے نیچے ہیں، اس کے باوجود تمام سبسکرائبرز سے 15 فیصد ایڈوانس انکم ٹیکس وصول کیا جا رہا ہے، 2004 سے 2012-13 تک ٹیلی کام انڈسٹری مجموعی طور پر 990 ارب روپے کے محصولات ادا کر چکی ہے۔ تاہم اب ٹیکسوں کی بھرم اور امتیازی ٹیکسوں کی وصولی انڈسٹری کی گروتھ کی راہ میں آڑے آ رہی ہے، آئندہ بجٹ میں پالیسی سازوں کو فیصلہ کرنا ہے کہ ٹیلی کام انڈسٹری کی ترقی کی رفتار جاری رکھی جائے یا پھر معاشی ترقی اور جی ڈی پی کی شرح نمو میں اہم کردار کے حامل اس شعبے کو محدود کر دیا جائے۔ انڈسٹری نے بجٹ تجاویز میں کہا ہے کہ ٹیلی کام سیکٹر پر عائد 19.5 فیصد سبز ٹیکس اور فیڈرل ایکسائز ڈیوٹی کو کم کر کے دیگر شعبوں کے برابر 17 فیصد کی سطح پر لایا جائے، ایڈوانس انکم ٹیکس کی شرح 15 فیصد سے کم کر کے 10 فیصد کی سطح پر لائی جائے، سم کے اجراء پر عائد 250 روپے کے ایکٹیویشن چارجز ختم کر کے موبائل فون سیٹ پر عائد کیے جائیں۔ اس طرح انڈسٹری کی لاگت میں کمی ہوگی تاہم حکومت کے ریونیو میں کوئی کمی واقع نہیں ہوگی، اسی طرح ہائیو میٹرک سسٹم کے ذریعے کوائف کی تصدیق کے لیے نادار کے چارجز کم کر کے 13 روپے کرنے کی تجویز دی گئی ہے۔ پاکستان میں ٹیلی کام انڈسٹری پر ٹیکسوں کی شرح کم کرنے سے موبائل فون کا استعمال بڑھے گا جس سے انڈسٹری اور حکومت دونوں کے ریونیو میں اضافہ ہوگا، ساتھ ہی جی ڈی پی کی شرح نمو بھی تیز ہوگی۔

پی ٹی سی ایل نے کسٹمرز سروس

ایچر ایجیشن ایوارڈ حاصل کر لیا

روزنامہ نوائے وقت

27 مئی 2014

وارد 4 جی کی آزمائش، اگست میں

باقاعدہ سروس کے آغاز کا امکان

روزنامہ پاکستان

25 مئی 2014

اسلام آباد (پ) پاکستان ٹیلی کمیونیکیشن کو پبلی سروس کانفرنس ”سروس پنچ 2014“ میں ٹیلی کام کے شعبے میں صارفین کو بہترین خدمات فراہم کرنے پر ”کسٹمر سروس ایچر ایجیشن ایوارڈ“ دیا گیا ہے۔ ایوارڈ دینے کی تقریب ایلنو روزی پاکستان اور پاکستان جیو من کمیونٹی فورم کے اشتراک سے منعقد کی گئی۔

لاہور (مائیک ڈیسک) پاکستان میں وارد ٹیلی کام نے اپنی نویں سالگرہ منائی اور اس موقع پر اس نے اپنے دفتر میں 4 جی سروس کی آزمائش کی، چند روز قبل ہی وارد نے اشتہارات کے ذریعے تھرٹی سیٹی جی ٹیلی کام کے مطابق وارد ٹیلی کام نے حالیہ تھری و فور جی لائسنس نیلامی میں تو حصہ نہیں لیا تھا، تاہم چونکہ اس کا موجودہ لائسنس اسے فور جی نیٹ ورک چلانے کی اجازت دیتا ہے اس لئے یہ خیال کیا جا رہا ہے کہ پی ٹی اے سے معاملات طے پا جانے کے بعد کئی ملک میں فور جی نیٹ ورک لانچ کر سکتی ہے۔ دوسری طرف تھری و فور جی لائسنس خریدنے

والی کمپنیاں اور خاص کر زونگ نے وارد کے اس اعلان پر دہے لفظوں میں پی ٹی اے سے شکایت بھی کی ہے۔ ایک رپورٹ کے مطابق وارد ٹیلی کام کی جانب سے سالگرہ کے موقع پ لاہور کے مرکزی دفتر میں 4 جی سروس کا ٹرائل کیا گیا۔ رپورٹ میں اس بات کا اکتشاف کیا گیا ہے کہ وارد جلد ہی لاہور میں 15 جگہوں پر 4 جی سروس کی ٹیسٹنگ شروع کرنے کا ارادہ رکھتی ہے اور اس سال اگست کے مہینے میں شاید فوری سروس لانچ بھی کر دی جائے جس کے بعد وارد ملک میں فوری لانچ کرنے والی پہلی کمپنی بن جائے گی کیونکہ زونگ کے مطابق اس سال وہ فوری سروس لانچ نہیں کر سکتے۔ پی ٹی اے کی جانب سے ابھی تک یہ موقف سامنے آیا ہے کہ وارد کو فوری نیٹ ورک چلانے کی اجازت اس کی سروس کو الٹی دیکھ کر ہی دی جائے گی۔ تاہم وہ کمپنیاں جنہوں نے اربوں روپے خرچ کر کے نئے لائسنس خریدے ہیں وہ اس سے کچھ خوش نہیں ہیں۔

**اسلام آباد (نوائے وقت رپورٹ) رے پی (پی) وفاقی وزیر داخلہ چوہدری نثار علی خان نے کہا ہے کہ بائیو میٹرک کے ذریعے موبائل فون سمر کی تصدیق سے قانون نافذ کرنے والے اداروں کو بہتر تکنیکی معاونت مہیا ہو سکے گی جبکہ ملک میں سیکورٹی کی صورت حال بھی بہتر ہوگی انہوں نے ہدایت کی کہ غیر مصدقہ سمر کی تصدیق کیلئے بھی طریقہ کا وضع کیا جائے۔ نادرا کی طرف سے وزیر داخلہ کو بتایا گیا ہے کہ اس ضمن میں تمام فریقین کی مشاورت سے معاہدہ کو حتمی شکل دی گئی ہے جس کے بعد جعلی شناختی کارڈ پر سمر کا اجراء ممکن نہیں ہوگا۔ جمعہ کو نادرا ہیڈ آفس میں چیئرمین نادرا امتیاز تاجور کی جانب سے بائیو میٹرک کے ذریعے سمر کے اجراء کے معاہدہ کے موقع پر بریفنگ دی گئی۔ نادرا اور ٹیلی کام آپریٹرز کے درمیان اس معاہدہ پر دستخط کی تقریب بھی ہوئی۔**

**لاہور (مائیکرو ڈیسک) تھری جی اور فوری لائسنس کی نیلامی میں کامیاب کمپنیوں کو لائسنس جاری ہونے کے بعد مفت تھری جی سروس کی سہولت ختم ہونے کے بعد کمپنیوں کی جانب سے پیکیجز کا اعلان کیا جا رہا ہے۔ ابتدائی طور پر یوفون نے تھری جی سروس کے پیکیجز باقاعدہ طور پر متعارف کرا دیئے ہیں جو فوری طور پر نافذ العمل ہیں اور صارفین کو تھری جی استعمال کرنے کیلئے اب ان پیکیجز میں سے کسی ایک کا انتخاب کرنا ہوگا۔ کمپنی نے یہ پیکیجز پری پیڈ اور پوسٹ پیڈ لنکشن استعمال کرنے والے صارفین کیلئے متعارف کرائے ہیں۔ کمپنی کی جانب سے متعارف کرائے گئے پیکیجز مختلف سپیڈز کو مد نظر رکھ کر ترتیب دیئے گئے ہیں تاہم تمام پیکیجز کیلئے ڈیٹا کی حد مقرر کی گئی ہے اور کوئی بھی پیکیج ان لمیٹڈ ڈیٹا کے ساتھ نہیں ہے تاہم مستقبل میں اس قسم کا پیکیج متعارف کرائے جانے کا امکان ہے۔ قارئین کی سہولت کیلئے کمپنی کے تمام پیکیجز کی تفصیلات مندرجہ ذیل ہیں۔**

**یوفون:** نے ایک بار پھر سہولت لیتے ہوئے پاکستان کے چار بڑے شہروں لاہور، اسلام آباد، راولپنڈی اور کراچی میں سب سے پہلے سروس تجارتی بنیادوں پر فراہم کرنی شروع کر دی۔ اب صارفین اس تھرڈ جی سروس کو موبائل ٹیلی فون اور اس کے حیرت انگیز تھری جی فونڈ کا تجربہ کریں گے۔ جدید ٹیکنالوجی پیش کرنے کی روایت کو برقرار رکھتے ہوئے یوفون نے پاکستان میں تھری جی ٹیکنالوجی کو سب سے پہلے اپنے صارفین کے لئے پیش کیا ہے۔ 24 مئی 2014 سے لاہور، اسلام آباد، راولپنڈی اور کراچی میں تھری جی سروس استعمال کرنے کے چار جزیرے کے مطابق لئے جائیں گے۔ ان شہروں کے صارفین نے اس سے پہلے مفت آزمائشی سروس سے استفادہ کیا تھا۔

**اسلام آباد:** وزیر خزانہ اسحاق ڈار نے کہا ہے کہ حکومت نے تھری جی اور فوری جی کی نیلامی سے 1.1 ارب ڈالر سے زائد ریکارڈ ریونیو حاصل کیا۔ تھری جی اور فوری جی کے لائسنس حاصل کرنے والی کمپنیوں نے بولی کی 88 فیصد رقم جمع کر دی ہے، دارالحکومت کے مضافات میں 500 ٹیلی سینٹر قائم کیے جائیں گے، حکومتی پالیسیوں سے 90 لاکھ افراد کو روزگار کے مواقع فراہم کیے جائیں گے، ایف بی آر ٹیکس دہندگان کو سہولت دینے کیلئے ٹیکس رپورٹنگ کے طریقہ کار کو آسان بنانے تاکہ لوگ ٹیکس سے بھاگنے کے بجائے اس کی ادائیگی کو ترجیح دیں۔ وہ جمعرات کو تھری جی اور فوری جی ٹیکنالوجی کے لائسنسوں کے اجراء کی تقریب سے خطاب اور آئندہ مالی سال 2014-15 کی بجٹ سازی کے عمل کا جائزہ لینے کیلئے ایف بی آر میں اجلاس کی صدارت کر رہے تھے۔ تھری جی اور فوری جی لائسنسوں کے اجراء کی تقریب سے خطاب کرتے ہوئے انھوں نے کہا کہ تھری جی اور فوری جی ٹیکنالوجی سے ملک ترقی اور اقتصادی سرگرمیوں کے فروغ کی نئی شاہراہ پر گامزن ہوا ہے، اس ٹیکنالوجی سے ہماری اقتصادی شرح نمو میں اضافہ ہو گا اور قومی خزانے میں ہر سال اربوں روپے جمع ہوں گے۔ قبل ازیں ایف بی آر ہاؤس میں اجلاس میں وزیر خزانہ اسحاق ڈار کو چیئرمین ایف بی آر طارق باجوہ نے تاہم صنعت کاروں اور پیشہ ورانہ اداروں کی بجٹ تجاویز کے بارے میں بریفنگ دی۔ اس موقع پر وزیر خزانہ سینیٹر اسحاق ڈار نے کہا کہ بجٹ کو حتمی شکل دینے کے عمل میں ان تجاویز کا سنجیدگی کے ساتھ جائزہ لیا جانا چاہیے۔

امریکی اخبار نیویارک ٹائمز میں شائع ہونے والی رپورٹ کے مطابق ٹائمز نے رواں ماہ پاکستان کی ٹویٹس یا ٹویٹس کاؤنٹ بلاک کرنے کی پانچ درخواستیں قبول کی ہیں۔ اخبار کے مطابق یہ پہلا موقع ہے کہ سماجی رابطے کی مائیکرو بلاگنگ ویب سائٹ نے اپنی نئی پالیسی کے تحت کسی ملک

بائیو میٹرک تصدیق کے بغیر سمر کے حصول پر پابندی ہوگی، نادرا کا موبائل کمپنیوں سے معاہدہ

روزنامہ نوائے وقت

24 مئی 2014

مفت تھری جی ختم، یوفون نے پیکیجز متعارف کرا دیئے

روزنامہ پاکستان

24 مئی 2014

یوفون کا کراچی، لاہور اور اسلام آباد میں تھری جی سروس کا باقاعدہ آغاز

روزنامہ اساس

24 مئی 2014

موبائل کمپنیوں نے تھری اور فوری جی کی نیلامی کی 88 فیصد رقم جمع کرا

دی، اسحاق ڈار

روزنامہ الاخبار

24 مئی 2014

ٹائمز نے پاکستانی درخواست پر ٹویٹس بلاک کیں

کی درخواست پر کسی صارف کے ٹوئز اکاؤنٹ کو بلاک کیا ہے۔ رپورٹ میں کہا گیا ہے کہ حکومت پاکستان نے میں مبینہ طور پر مذہب کی توہین کرنے والے بلاگروں کے اکاؤنٹ بلاک کرنے اور توہین مذہب کے زمرے میں آنے والی ٹوئٹس اور سرچ کو روکنے کے لیے کہا تھا۔

کلک ٹوئز پر پابندی کی وجہ کیا تھی؟

ٹوئز نے 2012 میں ایک نئی پالیسی متعارف کروائی تھی جس کے تحت وہ ملک کی مقامی سنسرشپ پالیسی کے اکاؤنٹس، ٹوئٹس یا سرچز کو بلاک کرے گا۔ رپورٹ کے مطابق پاکستان ٹیلی کمیونیکیشن اتھارٹی کے ایک اہلکار عبدالباطن نے مئی میں پانچ ایسی درخواستیں ٹوئز کو بھیجیں جن میں مخصوص اکاؤنٹس، ٹوئٹس اور سرچز کو روکنے کا کہا گیا تھا۔ یہ تمام درخواستیں ایسے اکاؤنٹس، ٹوئٹس اور سرچز کے بارے میں تھیں جن میں مبینہ طور پر مذہب یا رسالت کی توہین کی گئی تھی۔ پاکستان نے مئی 2012 میں کچھ گھنٹوں تک ملک میں ٹوئز تک رسائی اس وقت روک دی تھی جب فیس بک پر پیغمبر اسلام کی تصاویر بنانے کا ایک مقابلے کا انعقاد کیا گیا تھا اور اس کی تصاویر فیس بک پر جاری کی گئی تھیں۔ پاکستان ٹیلی کمیونیکیشن اتھارٹی نے اس وقت ٹوئز کو بلاک کر دیا تھا جب اس نے فیس بک پر ہونے والے مقابلے سے متعلق ٹوئٹس روکنے سے انکار کیا تھا۔ نیویارک ٹائمز کے مطابق پاکستان کی طرف سے سنسرشپ کی درخواستیں ایسے وقت موصول ہوئی ہیں جب پاکستان میں توہین مذہب سے متعلق قانون پر بحث ایک خطرناک رجحان اختیار کرتی جا رہی ہے اور اس قانون کے خلاف بات کرنے والوں کو نشانہ بنایا جا رہا ہے۔ پاکستان میں بڑے پیمانے پر ٹوئز کا استعمال کیا جاتا ہے۔ سیاست دان، کرکٹ کے کھلاڑی اور مشہور شخصیات سبھی ٹوئز کا استعمال کرتے ہیں۔

خیبر پختونخوا کے دارالحکومت پشاور میں اپنے طرز کی پہلی ڈیجیٹل کانفرنس منعقد ہوئی جس میں نوجوانوں کو انفارمیشن ٹیکنالوجی کے ذریعے روزگار حاصل کرنے اور کمپیوٹر کے میدان میں اپنے جوہر دکھانے کے لیے راغب کیا گیا ہے۔ دو روزہ کانفرنس میں دنیا بھر سے چھ ماہر ملکی اور غیر ملکی ماہر شامل ہیں جو 'الیکٹرانکس یا ای کامرس، فری لانسرز اور سٹارٹ اپس' کے لیے نوجوانوں کو معلومات فراہم کر رہے ہیں۔ پہلے روز ایک ہزار سے زیادہ نوجوانوں نے اس کانفرنس میں شرکت کی ہے۔

خیبر پختونخوا کے ضلع کوہاٹ سے تعلق رکھنے والے لاہور یونیورسٹی آف مینجمنٹ سائنسز کے نوجوان طالب علم تاشفین نے کہا کہ انھوں نے اپنے شہر سے آن لائن کام شروع کیا اور اب وہ خود لوگوں کو اپنی ویب سائٹ سے پلیٹ فارم فراہم کر رہے ہیں۔ اس کانفرنس میں مختلف موضوعات پر ماہرین اور اس شعبے میں کام کرنے والے نوجوانوں کے درمیان بحث کی گئی اور نوجوانوں کو بتایا گیا کہ وہ کیسے کمپیوٹر اور دیگر جدید ڈیجیٹل آلات سے اپنے لیے بہتر روزگار کما سکتے ہیں۔ خیبر پختونخوا آئی ٹی بورڈ کے مینجنگ ڈائریکٹر صدیق اللہ نے بتایا کہ اس کانفرنس سے روزگار کے نئے راستے تلاش کرنا ہے۔ انھوں نے کہا کہ امن و امان کی صورتحال یہاں کوئی مسئلہ نہیں ہے اس لیے اب یہاں باہر سے بھی لوگ آئے ہیں۔ انھوں نے کہا کہ خیبر پختونخوا کے دو آئی پاس ہیں جس میں پختون کمپنیاں رجسٹرڈ ہیں اور اس سلسلے میں زیادہ کاروبار افغانستان سے ہو رہا ہے۔ انھوں نے کہا کہ پاکستان، امریکہ اور بھارت کے بعد دوسرے نمبر پر ہے جہاں اس حوالے سے بہت کام ہو رہا ہے۔ انھوں نے کہا کہ اس کانفرنس میں ماہرین نوجوانوں کو بتائیں گے کہ وہ کیسے آن لائن کام کر سکتے ہیں اور پھر زر مبادلہ کیسے کما سکتے ہیں۔ اس کانفرنس کے منتظم فیصل خان نے بتایا کہ اس کانفرنس میں ہر سطح کے لوگ اور کمپنیاں موجود ہیں جہاں ایکسیپو اور سٹارٹ اپس کے حوالے سے لوگوں کو سمجھاتے ہیں اور ان کے لیے رابطے قائم کرتے ہیں۔ انھوں نے کہا کہ عام سطح پر آن لائن 'فری لانسرز' آسان طریقہ ہے جس سے گھر بیٹھے لوگ پیسے کما سکتے ہیں جبکہ ہنرمند لوگ اسی میدان میں زیادہ اچھا کام کر کے زیادہ کمائی کر سکتے ہیں۔ اس کانفرنس کے منتظمین نے پرنٹ، الیکٹرانک اور سوشل میڈیا کے علیحدہ علیحدہ ڈیک قائم کیے تھے جہاں سے دنیا بھر میں اس کانفرنس کے حوالے سے لمحہ بہ لمحہ لوگوں کا آگاہ رکھا گیا۔ اس کانفرنس میں غیر ملکی کمپنیوں کے نمائندوں نے بھی نوجوانوں کو بتایا کہ وہ کیسے ان کی کمپنی کے ساتھ رابطے رکھ کر کام کر سکتے ہیں۔ اس کانفرنس کو دیکھ کر ایسا کوئی تاثر سامنے نہیں آ رہا تھا کہ یہ شہر دہشت گردی اور شدت پسندی کے واقعات سے بھرا پڑا ہے اور یہاں ہر لمحہ یہ دھچکا لگا رہتا ہے کہ کسی لمحے کچھ بھی ہو سکتا ہے۔

اسلام آباد (مانیٹرنگ ڈیسک) پاکستان ٹیلی کمیونیکیشن اتھارٹی (پی ٹی اے) کا کہنا ہے کہ موجودہ جیمز تھری جی سگنل جام کرنے کی صلاحیت نہیں رکھتے، انہیں اپ گریڈ کرنا ہو گا۔ نجی ٹی وی ڈان نیوز کے مطابق حساس اداروں میں تھری جی بلاک کرنے میں جیمز ناکامی کے معاملے پر پی ٹی اے کا کہنا ہے کہ تھری جی سگنلز بلاک نہ ہونا پی ٹی اے کی ناکامی نہیں بلکہ موجودہ جیمز اس صلاحیت سے محروم ہیں۔ حکام کے مطابق تھری جی سگنلز کو بلاک کرنے کیلئے جیمز کو اپ گریڈ کرنا ضروری ہے۔

سینٹ کی قائمہ کمیٹی برائے کابینہ سیکرٹریٹ کو جیمز مین پی ٹی اے اسماعیل شاہ نے بتایا ہے کہ اگر موبائل کمپنیوں نے 22 مئی تک 10 فیصد وہ ہولڈنگ ٹیکس جمع نہ کر لیا تو تھری جی اور فوری لائسنس کی نیلامی منسوخ کر دیں گے، گرے ٹریڈنگ سے قومی خزانے کو سالانہ ساڑھے 14 ارب روپے کا نقصان پہنچ رہا ہے، تھری

بی بی سی اردو

23 مئی 2014

پشاور میں پہلی ڈیجیٹل کانفرنس

بی بی سی اردو

22 مئی 2014

تھری جی سگنلز بلاک کرنے کیلئے

موجودہ جیمز اپ گریڈ کرنا ہوں

گے: پی ٹی اے

روزنامہ پاکستان

19 مئی 2014

موبائل کمپنیوں نے ٹیکس جمع نہ کر لیا تو

تھری اور فوری لائسنسوں کی نیلامی

جی اور فورجی لائسنس کی نیلامی سے بھگدیش سے زیادہ رقم ملی ہے، رواں مالی سال کے دوران 92 کروڑ ڈالر ملیں گے، دوگنہ نے 100 فیصد رقم جمع کرانے کی پیشکش کی ہے، 2008ء سے اب تک 2 کروڑ 30 لاکھ غیر قانونی موبائل فون سم بند کی ہیں، قائمہ کمیٹی نے موبائل کمپنیوں کی جانب سے 47 ارب روپے ٹیکس ایف بی آر کو جمع نہ کرانے کا نوٹس لیا، پی ٹی اے کو موبائل کمپنیوں کا ریونیو ڈیٹا اکٹھا کرنے اور دوسرے رابطے ختم کرنے کی ہدایت کی ہے، قائمہ کمیٹی نے تھری جی اور فورجی لائسنس کی نیلامی کو ملی بھگت قرار دے دیا، سپیکٹرم لائسنس کی نیلامی سے 3 ارب ڈالر مل سکتے تھے۔ جمہرات کو سینٹ کی قائمہ کمیٹی برائے کاہنہ سیکرٹری کا اجلاس چیئر پرسن کلثوم پروین کی زیر صدارت پارلیمنٹ ہاؤس میں منعقد ہوا، جس میں چیئر مین پی ٹی اے اسماعیل شاہ نے تھری جی فورجی لائسنس کی نیلامی کے حوالے سے بریفنگ دی۔ انہوں نے کہا کہ نیلامی میں مقابلے کی فضاء پیدا کرنے کے لئے 40 میگا ہرٹز کے سپیکٹرم کو تقسیم کیا جبکہ اس کے نتیجے میں پاکستان کو بھگدیش کے مقابلے میں زیادہ رقم ملی ہے۔ انہوں نے کہا کہ تھری جی ٹیکنالوجی 2007ء میں آجانی چاہیے تھی اس سے ملک میں آئندہ 5 سال کے دوران 9 لاکھ روزگار کے نئے مواقع پیدا ہوں گے جبکہ معاشی سرگرمیاں تیز ہوں گی۔ اراکین کے سوالوں کے جواب دیتے ہوئے اسماعیل شاہ نے کہا کہ تھری جی فورجی نیلامی کی کامیاب بولی دہندہ موبائل کمپنیوں اور ایف بی آر سے بات چیت جاری ہے جبکہ اگر انہوں نے 22 مئی تک 10 فیصد ود ہولڈنگ ٹیکس جمع نہ کر لیا تو تھری جی فورجی لائسنس کی نیلامی منسوخ کر دیں گے جبکہ سپیکٹرم لائسنس بننے والی دوگنہ موبائل کمپنی نے بولی کا سو فیصد 51 کروڑ 69 لاکھ ڈالر یکشت ادا کرنے کی پیشکش کی ہے، ٹیلی نارویو فون 50,50 فیصد جمع کرائیں گی تاہم موبائل لنک نے ابھی حتیٰ جواب نہیں دیا۔

**کراچی:** مائیکروسافٹ پاکستان نے نوجوانوں کو بااختیار بنانے کے لیے مقامی این جی او کو جدید ٹیکنالوجی تک رسائی کے لیے 2 لاکھ 95 ہزار ڈالر کا عطیہ دینے کا اعلان کیا ہے۔ مائیکروسافٹ پاکستان نے اپنے کارپوریٹ سٹیزن شپ پروگرام کے تحت مقامی این جی او امن فائونڈیشن کو جدید ٹیکنالوجی تک رسائی کیلئے 2 لاکھ 95 ہزار امریکی ڈالر کا عطیہ دینے کا اعلان کیا ہے جس کا مقصد نوجوانوں کو بااختیار بنانا اور معاشرے کی خدمت ہے۔ امن فائونڈیشن ایک مقامی غیر منافع بخش تنظیم نوجوانوں کی فلاح و بہبود، صحت، تعلیم، نیوٹریشن اور سماجی خدمات کی بہتر سہولتیں فراہم کرنے کیلئے کام کر رہی ہے۔ مائیکروسافٹ کارپوریٹ سٹیزن شپ پروگرام مقامی کمیونٹی کو درکار ٹیکنالوجی تک سستی رسائی میں مدد کے ذریعے غیر منافع بخش تنظیموں کو سپورٹ فراہم کرنے کیلئے ڈیزائن کیا گیا ہے۔ مائیکروسافٹ کی گرانٹ امن فائونڈیشن کی جانب سے انسانی بہبود کے مقصد کیلئے عملی کام کے حوالے سے شروع کیے گئے پروگراموں کو سپورٹ کرے گی۔ یہ فائونڈیشن کو اپنے نیوٹریشن، تعلیم اور ہیلتھ کیئر پروگراموں بشمول ووکیشنل ٹریننگ سینٹر، ایمر جنسی میڈیکل رسپانس (امن ایبیلنس)، کمیونٹی ہیلتھ ڈیولپمنٹ اور چائلڈ ہاسپٹلز کو ٹیکنالوجی کے حوالے سے اپ ڈیٹ کرنے میں معاونت کرے گی۔ مائیکروسافٹ پاکستان کے کنٹری فیچر عامر رائو نے اس موقع پر خطاب کرتے ہوئے کہا ہے کہ مائیکروسافٹ کو ہر سال دنیا بھر میں ٹیکنالوجی تک سستی اور آسان رسائی کیلئے 50 ہزار سے زیادہ غیر منافع بخش تنظیموں کے ساتھ کام کرنے پر فخر ہے۔ انہوں نے کہا کہ نوجوانوں کو بااختیار بنانا اور ایک صحت مند اور فعال معاشرے کی تعمیر ہمارے سب بڑے مقاصد ہیں۔ ہم نے گزشتہ سال غیر منافع بخش تنظیموں کو سپورٹ کرنے کیلئے پاکستان میں ایک ملین ڈالر خرچ کیے اور امن فائونڈیشن کو اس گرانٹ کی فراہمی ایک مضبوط، بااختیار اور خود انحصار معاشرے کی تعمیر کی جانب ایک اور قدم ہے۔ مائیکروسافٹ ڈونیشن پروگرام کے ذریعے معیار پر پورا اترنے والے تنظیموں کی سوشل خدمات میں اضافہ اور خود مختار معاشرے کی تعمیر کیلئے ٹھوس پلیٹ فارم تعمیر کرتی ہے۔

امن فائونڈیشن کے سی ای او احسن جمیل نے کہا کہ ہمیں یقین ہے کہ مائیکروسافٹ کا کارپوریٹ سٹیزن شپ پروگرام ایک مثبت اور عملی قدم ہے اور اس طرح یہ ٹیکنالوجی میں جدت ہمیں ایک قدم آگے لے جاتا ہے۔ یہ عطیہ ہمیں اپنے تکنیکی ڈھانچے کو جدید تقاضوں سے ہم آہنگ کر کے بہتر خدمات فراہم کرنے کا موقع دیتا ہے۔ امن فائونڈیشن اور مائیکروسافٹ کی پارٹنر شپ ایک لمبے عرصے کیلئے ہے اور ہم ایک دوسرے کی مدد سے معاشرے پر ایک اچھا تاثر قائم کریں گے۔

**کراچی:** غیر قانونی ٹیلی کام ٹریڈ کی مانیٹرنگ اور روک تھام کے لیے دنیا کا جدید ترین سسٹم آئندہ ماہ سے پاکستان میں کام کرنا شروع کر دے گا۔ یہ سسٹم پاکستان میں گرے ٹریڈ کے لیے استعمال ہونے والی موبائل فون سز کے ذریعے انٹرنیشنل کنیکٹیوٹیٹی کو مانیٹر کر کے سم کے استعمال کی جگہ اور ایکویسٹمنٹ کی نشاندہی کرے گا جس سے گرے ٹریڈ کے دھندے میں ملوث بڑی مچھلیوں کے بڑے نیٹ ورک ختم کیے جاسکیں گے، یہ نظام ابتدائی طور پر گرے ٹریڈ میں استعمال ہونے والی 1 لاکھ سموں کی ماہانہ نشاندہی کرے گا جس سے 3 ماہ کے دوران گرے ٹریڈ کو 20 فیصد تک کم کیا جاسکے گا۔ آئی سی ایچ کنسورٹیم میں شامل آپریٹرز کے اعلیٰ عہدے دار نے "ایکسپریس" کو بتایا کہ اس وقت گرے ٹریڈ کی شرح 50 فیصد سے زائد ہے، قانونی ذرائع سے آنے والی ہر کال پر حکومت کو فی منٹس کے حساب سے زر مبادلہ ملتا ہے تاہم گرے ٹریڈ کی وجہ سے انڈسٹری کو ریونیو (روپے) اور حکومت کو زر مبادلہ کی مددیں بھاری نقصان کا سامنا ہے۔ گرے ٹریڈ ریونیو خسارے کے ساتھ قومی سلامتی کے لیے بھی خطرہ ہے کیونکہ غیر قانونی ذرائع سے کی جانے والی کمیونٹی کیشن کو کوئی ریکارڈ یا شناخت دستیاب نہیں ہوتی، گرے ٹریڈ کی روک تھام کے لیے آئی سی ایچ میں شامل آپریٹرز نے پی ٹی اے کے ساتھ مل کر جدید ٹیکنالوجی کی فراہمی کے لیے بھاری سرمایہ کاری کر رہے ہیں، کنسورٹیم میں شامل ایل ڈی آئی آپریٹرز نے 2008 میں گرے ٹریڈ کی روک تھام کیلئے 1 کروڑ ڈالر کے ایکویسٹمنٹ اور سلوشنز پی ٹی اے کو فراہم کیے جبکہ 2012 میں مزید 3 کروڑ ڈالر کی سرمایہ کاری کی اور اب موبائل فون کی مانیٹرنگ اور شناخت کا سسٹم متعارف کرایا جا رہا ہے، یہ سسٹم مختلف

منسوخ کر سکتے ہیں، چیئر مین پی ٹی

اے

روزنامہ اسٹار

16 مئی 2014

مائیکروسافٹ کا نوجوانوں کی ترقی کیلئے

2.95 لاکھ ڈالر کا عطیہ

روزنامہ الاخبار

12 مئی 2014

غیر قانونی ٹیلی کام ٹریڈ کی روک

تھام کیلئے آئندہ ماہ جدید سسٹم

متعارف کرایا جائیگا

روزنامہ الاخبار

10 مئی 2014

سلوشنز پر مشتمل ہے جو پاکستان میں گزرے ٹریفک کیلئے استعمال کی جانے والے مقامی موبائل فون سز کی نشاندہی کرے گا۔ انہوں نے بتایا کہ آئی سی ایچ کنسورٹیم میں شامل ایل ڈی آئی آپریٹرز یہ سسٹم پی ٹی اے کو فراہم کریں گے جس کے لیے پی ٹی اے کے ساتھ بات چیت حتمی مراحل میں ہے، اس حوالے سے پی ٹی اے اور ایل ڈی آئی آپریٹرز کے درمیان مجھ کو اجلاس میں سسٹم کی افادیت اور کام کرنے کے طریقہ کار پر غور کیا گیا۔ ذرا لے کر بتایا کہ اس سسٹم کے نفاذ کے لیے پی ٹی اے کے ساتھ مفاہمی یادداشت آئندہ ہفتے طے کر لی جائے گی جس کے بعد یہ نظام آئندہ 2 سے 3 ہفتوں میں پی ٹی اے کے ذریعے نصاب کر دیا جائے گا اور آئندہ ماہ سے گزرے ٹریفک کیلئے استعمال کی جانے والی موبائل فون سز کی ماٹرینگ شروع کر دی جائیگی۔ اس سسٹم کے ذریعے گزرے ٹریفک میں استعمال ہونے والی 1 لاکھ سز کی ایک ماہ میں نشاندہی ہوگی جس سے قانونی ٹریفک میں 2 ملین منٹس ماہانہ کا اضافہ ہو گا اور یومیہ 1 لاکھ 80 ہزار ڈالر کاروبار بڑھے گا، اس سسٹم کے ذریعے گزرے ٹریفک 3 ماہ میں 20 فیصد تک کم ہونے کا اندازہ لگایا گیا ہے، سسٹم کے ذریعے انٹرنیشنل کینیڈیوٹی کیلئے استعمال کی جانے والی سز کی نشاندہی ہوگی جس کیلئے مختلف پیرامیٹرز استعمال کیے جائیں گے، جن سز پر 24 گھنٹے یا مسلسل کئی گھنٹے بیرون ملک سے کالز آ رہی ہوں یا وہ سز جن کے ذریعے صرف انٹرنیشنل ان منگ ہوتی ہے آؤٹ گونگ یا ایس ایم ایس نہ کیے جاتے ہوں اس سسٹم کی نگرانی میں رہیں گے اور ان سز کے استعمال کنندگان اور گزرے ٹریفک کیلئے استعمال کی جانے والی جگہ کی بھی نشاندہی ممکن ہوگی اور قانون نافذ کرنے والے اداروں اور متعلقہ محکموں کیلئے گزرے ٹریفک مافیا کا خاتمہ آسان ہوگا۔

**لاہور (مائٹرنگ ڈیسک)** پی ٹی سی ایل نے بھی چارجی کے نام سے پی ٹی سی ایل کی نئی وائرس لیس براڈ بینڈ سروس متعارف کرا دی ہے جس کے تحت صارفین کو اب 36 میگا بٹ فی سیکنڈ کی رفتار فراہم کی جائے گی۔ "چارجی" سروس جسے "پرائیویٹ ایگل" کا نام دیا گیا ہے، گزشتہ چند دنوں سے ٹیسٹنگ کے مراحل میں ہے۔ کمپنی اس سروس کے تحت صارفین کو ایک نئی یو ایس بی ڈیوائس فراہم کرے گی جو زیادہ سے زیادہ 36 میگا بٹ ڈاؤن لوڈ اور سات میگا بٹ اپ لوڈ کی رفتار فراہم کرے گی۔ اس نئی یو ایس بی کے چارجز تو معلوم نہیں تاہم فور جی سروس کے ماہانہ چارجز کم از کم 3000 روپے مقرر کئے جائیں گے لیکن ڈاؤن لوڈنگ حد صرف 30 گیگا بائیٹ ہے یعنی اس تیز رفتار کے ساتھ آپ یہ حد محض چند گھنٹوں میں عبور کر سکتے ہیں۔ اس سروس کا مختلف علاقوں میں باقاعدہ آغاز اگلے دو ہفتوں کے دوران کیا جائے گا۔

**اسلام آباد (مائٹرنگ ڈیسک)** پاکستان ٹیلی کمیونیکیشن اتھارٹی (پی ٹی اے) کی جانب سے تھری اور فور جی لائسنس کے اجراء میں تاخیر کے باعث موبائل کمپنیوں نے فری تھری جی سروس کی معیار بڑھا دی ہے۔ میڈیا رپورٹس کے مطابق وزارت خزانہ اور ایف آئی آر 10 فیصد ٹیکس ادا کیے کا معاملہ تاحال حل نہیں کر سکے اور موبائل فون کمپنیوں کے تحفظات دور نہیں ہو سکے جس کے باعث تھری اور فور جی سیکٹرم کے لائسنس کا اجراء مزید تاخیر کا شکار ہو گیا ہے۔ اس صورتحال کے پیش نظر موبائل فون آپریٹرز نے مفت تھری جی سروس کا دورانیہ بڑھا دیا اور اب یہ سروس 10 مئی کے بعد بھی جاری رہے گی۔ واضح رہے کہ پاکستان ٹیلی کمیونیکیشن اتھارٹی (پی ٹی اے) نے 23 مئی تک لائسنس جاری کرنے کا پابند ہے۔

**اسلام آباد (مائٹرنگ ڈیسک)** قومی اسمبلی نے یوٹیوب کھولنے سے متعلق قرارداد متفقہ طور پر منظور کر لی ہے جس میں حکومت سے مطالبہ کیا گیا ہے کہ فوری طور پر یوٹیوب کھولنے کے لیے اقدامات کیے جائیں۔ منگل کو ہونیوالے قومی اسمبلی کے اجلاس میں پیپلز پارٹی کی شازیہ مری نے یوٹیوب کھولنے سے متعلق قرارداد ایوان میں پیش کی جس کے متن میں کہا گیا کہ تمام مسلم ممالک میں یوٹیوب پر عائد پابندی ختم کر دی گئی ہے، حکومت پاکستان بھی فوری طور پر یوٹیوب کھولنے کے لیے اقدامات کرے۔ ایوان نے قرارداد متفقہ طور پر منظور کر لی تاہم مسلم لیگ کی وزیر برائے انفارمیشن ٹیکنالوجی سائرہ افضل تارڑ اور شازیہ مری میں جھڑپ ہوئی۔ سائرہ افضل تارڑ کا کہنا تھا کہ حکومت پابندی ہٹانا چاہتی ہے، تمام جماعتیں آپس میں بیٹھ کر فیصلہ کریں اور مشاورت سے فیصلہ کریں۔

**لاہور (مائٹرنگ ڈیسک)** وارد ٹیلی کام نے اعلان کیا ہے اپنے صارفین کے لیے 4 جی سروس متعارف کروانے کا باضابطہ اعلان کر دیا ہے۔ یہ اعلان کمپنی نے مختلف اخبارات میں اشتہارات کے ذریعے دیا ہے۔ اس سے قبل وارد کی جانب سے تھری جی اور فور جی کی نیلامی میں حصہ نہ لینے کی وجہ سے اس کے صارفین میں مایوسی پھیل گئی تھی۔ وارد ٹیلی کام کے صارفین اس بات پر شدید غم و غصے میں مبتلا تھے کہ وارد کمپنی نے اپنے صارفین کو یکسر نظر انداز کیا ہے اور نیلامی میں حصہ نہ لے کر صارفین کو مایوس کیا گیا ہے۔ تاہم کمپنی کی جانب سے اپنے صارفین کو یہ پیغام پہنچایا جا رہا ہے کہ ڈیٹا ٹیکنالوجی کے متعلق اعلان بہت جلد کیا جائے گا۔ ہم اپنے صارفین کے صبر کو سراہتے ہیں اور یہ بتانا چاہتے ہیں کہ ایک بہترین چیز آنے والی ہے، وارد جلد ہی اپنے صارفین کو خوشخبری سنائے گی۔ ماہرین کا کہنا ہے کہ وارد اگرچہ نیلامی میں شامل نہیں تھا لیکن نئی ڈیٹا ٹیکنالوجی کی فراہمی میں اسے کسی بڑی رکاوٹ کا سامنا نہیں ہے اور وہ جلد ہی اپنے صارفین کو نئی ٹیکنالوجی فراہم کرنے کیلئے اقدامات کرے گی۔ گزشتہ روز بھی وارد کی جانب سے اپنے صارفین کو ملنے والے پیغامات میں یہ واضح کیا گیا تھا کہ وارد کسی طور پر بھی دوسری کمپنیوں سے پیچھے نہیں ہے اور اس بات پر یقین رکھتی ہے کہ صارفین کو جدید سروس فراہم کرنا نہ صرف صارفین بلکہ خود کمپنی کیلئے بھی انتہائی ناگزیر ہے۔ یہاں یہ امر قابل ذکر ہے کہ نیلامی کے کچھ دنوں بعد وارد کمپنی کے حکام نے پی ٹی اے کے حکام سے ملاقات بھی کی جس میں ڈیٹا ٹیکنالوجی

## پی ٹی سی ایل کی نئی تیز رفتار

"چارجی" سروس متعارف

روزنامہ پاکستان

09 مئی 2014

## موبائل کمپنیوں نے مفت تھری جی

سروس کی معیار بڑھا دی

روزنامہ پاکستان

09 مئی 2014

## یوٹیوب کھولنے کیلئے قومی اسمبلی میں

قرارداد متفقہ طور پر منظور

روزنامہ پاکستان

06 مئی 2014

## وارد کا صارفین کے لیے 4 جی

سروس متعارف کروانے کا اعلان

روزنامہ پاکستان

02 مئی 2014

کے معاملے پر بات چیت کی گئی۔ ماہرین کے مطابق وارد کے پاس جدید ترین 4 جی لائٹ کا اوپن لائسنس موجود ہے اور اسے صارفین کو سروس فراہم کرنے کیلئے حکومت کی جانب سے محض ایک این او سی کی ضرورت ہے جس کے حصول کے بعد وارد صارفین کو جدید ترین سہولت فراہم کر سکے گی۔

اسلام آباد (کنٹاک رپورٹر) آپ یقیناً تھری جی سروس کے باقاعدہ آغاز کے منتظر ہوں گے۔ خوشخبری یہ ہے کہ پاکستان ٹیلی کمیونیکیشن اتھارٹی (پی ٹی اے) 10 مئی کو تھری جی لائسنس کی تقسیم کے لئے تقریب منعقد کرنے کا ارادہ رکھتی ہے۔ یاد رہے کہ موبلی لنک، یوفون زدنگ اور ٹیلی نار تھری اور فور جی کی بولی میں لائسنس حاصل کرنے میں کامیاب ہوئے تھے۔ اب ان کمپنیوں کو حکومت کی جانب سے لائسنس اور این او سی کا انتظار ہے۔ اطلاعات یہ ہیں کہ وزیر اعظم نواز شریف اس تقریب میں کامیاب ہوئے تھے۔ اس سلسلے میں انہیں درخواست جمع کرا دی گئی ہے اور اس تقریب کا انعقاد بھی وزیر اعظم سیکرٹریٹ میں ہی متوقع ہے۔ یوفن، موبلی لنک اور ٹیلی نار تھری جی جبکہ زدنگ فور جی کی بولی میں کامیاب قرار پائے تھے۔ امید ہے کہ لائسنس موصول ہونے کے بعد جلد ہی تھری جی اور فور جی سروس کا آغاز بھی کر دیا جائے گا۔ یوفون اور ٹیلی نار پہلے ہی بڑے شہروں میں آزمائشی سروس کا آغاز کر چکی ہیں۔

تھری جی لائسنس کی تقسیم 10 مئی کو  
متوقع

روزنامہ پاکستان

01 مئی 2014

# ICT Directory

## GOVERNMENT DEPARTMENTS

<p>Electronic Government Directorate 0092-51-9257236-37 0092-51-9257238 dged@e-government.gov.pk <a href="http://www.e-government.gov.pk">www.e-government.gov.pk</a> Plot No. 24-B Street No.6 sector H-9/I, Islamabad</p>	<p>Ministry for Science and Technology 0092-51-9202790,9208026 0092-51-9204541 minister@most.gov.pk <a href="http://www.most.gov.pk">www.most.gov.pk</a> 4th Floor, Evacuee Trust Complex, , F-5/1, Islamabad</p>
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<p>Telecom Foundation 0092-51-2808159-64 <a href="http://www.telecomfoundation.com.pk">www.telecomfoundation.com.pk</a> TF Complex TF HQ, 7 Mauve Area, G-9/4, Islamabad</p>	<p>Directorate of Information Technology, Government of Khyber Pakhtunkhwa 0092-91-9211789 0092-91-9211789 Ext 105 <a href="mailto:bilal@khyberpakhtunkhwa.gov.pk">bilal@khyberpakhtunkhwa.gov.pk</a>, <a href="mailto:basit@khyberpakhtunkhwa.gov.pk">basit@khyberpakhtunkhwa.gov.pk</a>, <a href="mailto:sysadmin@khyberpakhtunkhwa.gov.pk">sysadmin@khyberpakhtunkhwa.gov.pk</a> <a href="http://www.khyberpakhtunkhwa.gov.pk">www.khyberpakhtunkhwa.gov.pk</a> TF 204-210, 3rd Floor, Dean Trade Center, Peshawar, Khyber Pakhtunkhwa</p>
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<p><b>Dawood College of Engineering and Technology</b>            009-21-99231195/ 96/97/98            0092 21 99230710            www.duet.edu.pk            New M. A. Jinnah Rd            Karachi, Sindh</p>	<p><b>National University of Modern Languages</b>            0092-51-9257646- 50,            0092-51-9257646 Ext 304            0092-51-9257253            InfoIT@numl.edu.pk, info@numl.edu.pk, dir-admin@numl.edu.pk            www.numl.edu.pk            Sector H-9/1, Khayaban-e-Johar, Islamabad</p>
<p><b>National University of Sciences and Technology</b>            0092-51-111-11-6878,            0092-51-90851001            0092-51-90851007            rector@nust.edu.pk,            dadmissions@nust.edu.pk            www.nust.edu.pk            NUST Campus, H-12, Islamabad</p>	<p><b>Virtual University</b>            0092-42-111 880 880            0092-42-99200604, 0092-42-99202174            registrar@vu.edu.pk            mitadmissions@vu.edu.pk,            mcsadmissions@vu.edu.pk            www.vu.edu.pk            M.A. Jinnah Campus, Defence Road, Off Raiwind Road, Lahore, Punjab</p>
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<b>FM 100 Flare (Pvt) Ltd</b> 0092-51-8235067 House# 120 Basement, Main Double Road (Jhelum Road) , G-8/1 Islamabad	<b>FM 100 Lahore Broadcasting Corporation (LBC)</b> 0092-42-5858100, 5868266 0092-42-5862702 18-B, Tariq Block, New Garden Town, Lahore
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<b>FM 98 E-WAZ Communication Pvt. Ltd</b> 0092-51- 111-222-101 0092-51-4491845 146 Industrial Triangle Khauta Road, Islamabad	<b>FM 98 Solar Communication Pvt. Ltd</b> 0092-51-4446873-4 0092-51-4444536 House # 168, Street # 18, Sector F-10/2 Islamabad
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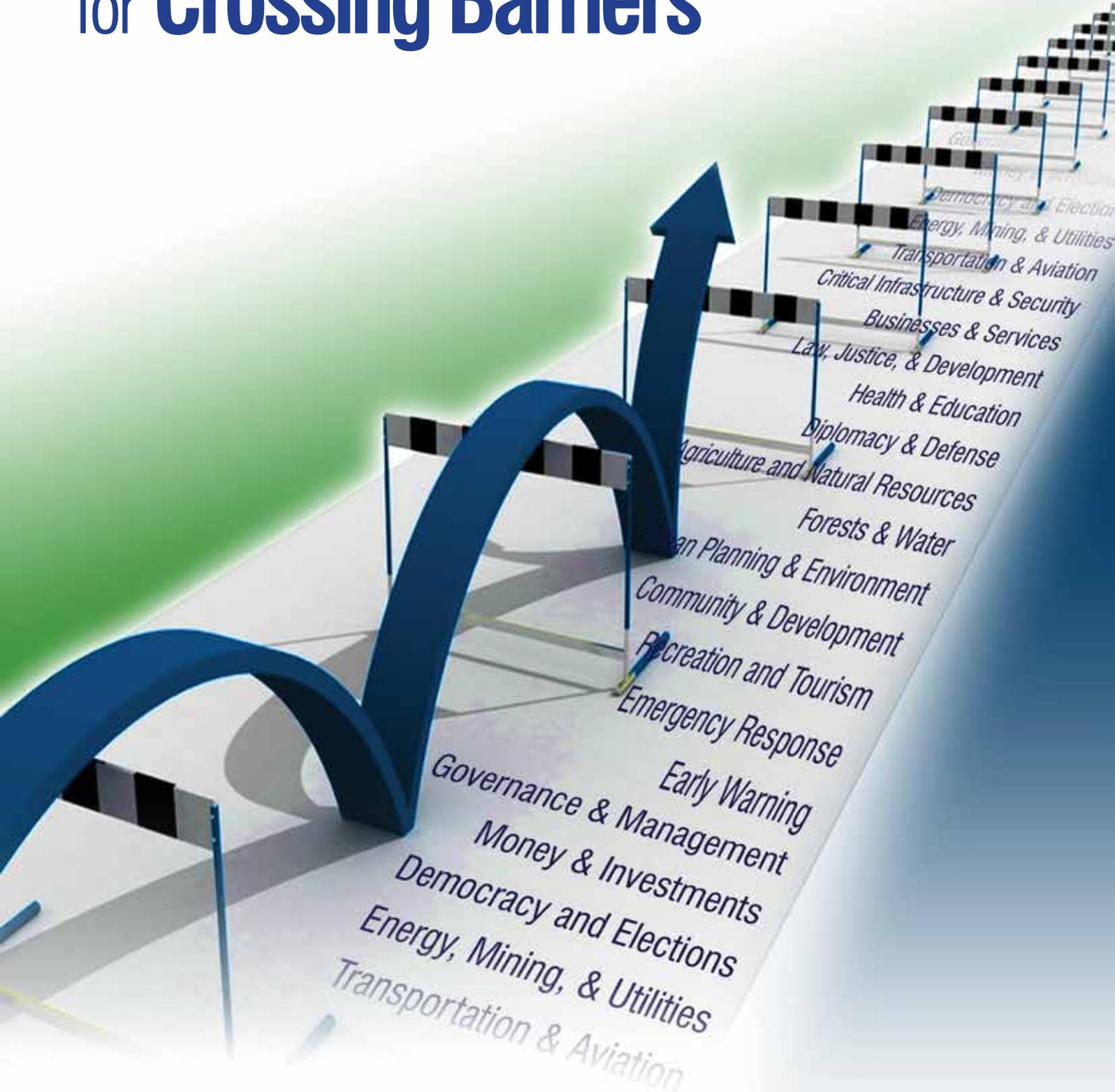
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<p><b>Five Rivers Technologies (Pvt.) Ltd.</b>          26-F Gulberg 2, Lahore, Pakistan  <a href="mailto:info@fiveriverstech.com">info@fiveriverstech.com</a>  <a href="http://www.fiveriverstech.com">www.fiveriverstech.com</a></p>	<p><b>GCS (Pvt) Ltd..</b>          43/16 - D1, P.E.C.H.S, Block 6, Shahra-e-Faisal Karachi, Pakistan.          0092 21 34312453,34544154-3          0092 21 34312454  <a href="mailto:contact@gcspvt.com">contact@gcspvt.com</a>, <a href="mailto:careers@gcspvt.com">careers@gcspvt.com</a>  <a href="http://www.gcspvt.com">www.gcspvt.com</a></p>
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