

Public Safety LTE & Mobile Broadband Industry 2016 to 2030 – Analysis of 504 Leading Ecosystem Players

“The Public Safety LTE & Mobile Broadband Market: 2015 – 2030 – Opportunities, Challenges, Strategies & Forecasts” new report to its research database.

PUNE, INDIA, May 23, 2016 /EINPresswire.com/ -- The “Public Safety LTE & Mobile Broadband Market: 2016 – 2030 – Opportunities, Challenges, Strategies & Forecasts” report presents an in-depth assessment of the global [public safety LTE market](#), besides touching upon the wider LMR and mobile broadband industries. In addition to covering the business case, challenges, technology, spectrum allocation, industry roadmap, value chain, deployment case studies, vendor products, strategies, standardization initiatives and applications ecosystem for public safety LTE, the report also presents comprehensive forecasts for mobile broadband, LMR and public safety LTE subscriptions from 2016 till 2030. Also covered are public safety LTE service revenues, over both private and commercial networks. In addition, the report presents revenue forecasts for public safety LTE infrastructure, devices, integration services and management solutions.



Due to the bandwidth limitations of their traditional voice-centric LMR (Land Mobile Radio) networks, public safety agencies are keen to leverage commercial cellular network technology to support their growing broadband application needs. Considering its thriving ecosystem, spectrum flexibility and performance metrics, LTE has emerged as the leading candidate for public safety mobile broadband networks. In addition, with the recent approval of the MCPTT (Mission Critical Push to Talk) voice standard as part of 3GPP Release 13, LTE has also become an attractive substitute for providing LMR-like voice services.

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The Qatar Ministry of Interior made headlines when it deployed a private 800 MHz LTE network in 2012. Since then, numerous public safety LTE networks have sprung up across the globe, including the UAE, China, Laos, Turkey and Kenya. Several early adopter LTE deployments are also operational in the United States, as part of the planned FirstNet nationwide public safety broadband network. While most initial public safety LTE investments are limited to small-scale networks, nationwide rollouts in the United States and South Korea are expected to trigger significant large-scale investments throughout the globe.

The European market is largely dominated by MVNO arrangements, such as the UK Home Office's ESN (Emergency Services Network) program that will use EE's commercial LTE network to deliver prioritized mission critical voice and data services for the UK's public safety agencies. As part of the program, EE is enhancing its existing network with additional sites, satellite backhaul and a dedicated mobile core for first responders, among other investments.

Driven by the thriving ecosystem, SNS Research estimates that annual investments on public safety LTE infrastructure will reach \$600 Million by the end of 2016. The market, which includes base stations (eNBs), mobile core and transport networking gear, is further expected to grow at a CAGR of 33% over the next four years. By 2020, these infrastructure investments will be complemented by over 4.4 Million LTE device shipments, including smartphones, rugged handheld terminals and vehicular routers.

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The report has the following key findings:

- SNS Research estimates that annual investments on public safety LTE infrastructure will reach \$600 Million by the end of 2016. The market, which includes base stations (eNBs), mobile core and transport networking gear, is further expected to grow at a CAGR of 33% over the next four years.
- By 2020, these infrastructure investments will be complemented by over 4.4 Million LTE device shipments, including smartphones, rugged handheld terminals and vehicular routers.
- Following the Qatar Ministry of Interior's private 800 MHz LTE network deployment in 2012, multiple private LTE rollouts are underway by security forces throughout the oil rich GCC (Gulf Cooperation Council) region, including the Abu Dhabi and Dubai police forces.
- Driven by nationwide public safety LTE network rollouts in the United States and South Korea, the North America and Asia Pacific regions will account for nearly 70% of all public safety LTE investments over the next four years.
- Almost all major LMR industry players are leveraging partnerships with established LTE infrastructure OEMs such as Ericsson, Nokia, Huawei and Samsung, to offer end-to-end LTE solutions.
- Consolidation efforts are continuing to take place throughout the industry, particularly among

the largest LTE infrastructure OEMs and public safety system integrators.

List of Companies Mentioned (504 Companies Mentioned):

3GPP (Third Generation Partnership Project), Aaeon, Abu Dhabi Police, Accelleran, AceAxis, ACMA (Australian Communications and Media Authority), Aculab, Adax, ADCOM911 (Adams County Communication Center), ADRF (Advanced RF Technologies), Advantech, Advantech Wireless, Aeroflex, Affarii Technologies, Affirmed Networks, Agile Networks, Airbus Defence and Space, Airbus Group, Air-Lynx, Airspan Networks, Airvana, Airwave Solutions, Ajman Police, Alcatel-Lucent, Altiostar Networks, Amdocs, Anite, Anritsu Corporation, APCO International (Association of Public-Safety Communications Officials), Apple, ARASKOM, Arcadyan, Argela, Aricent, ARItel, Arqiva, Artemis Networks, Aselsan, ASOCS, ASTRI (Hong Kong Applied Science and Technology Research Institute), ASTRID, ASTRO Solutions, Asus (ASUSTeK Computer), AT&T, Athena Wireless Communications, Athonet, ATIS (Alliance for Telecommunications Industry Solutions), Atlas Telecom, Avanti Communications Group, Avaya, AVI, Aviat Networks, Avtec, Axell Wireless, Axis Communications, Axis Teknologies, Axxcelera Broadband Wireless, BAE Systems, BandRich, Barrett Communications, BASE (Belgium), Baylin Technologies, BayRICS (Bay Area Regional Interoperable Communications Systems Authority), BayWEB (Bay Area Wireless Enhanced Broadband system), BFDX, Bilbao Metro, Bird Technologies, Bittium Corporation, Black Box Corporation, Blackhawk Imaging, Blackned, Bluebird, Boise Police Department, Bosch Security Systems, Brazilian Army, Bridgewater, Broadcom, Brocade Communications Systems, BT Group, BTI Wireless, C4i, CalAmp Corporation, Calgary Police Service, Camden County Public Safety, Canadian Advanced Technology Alliance, Casio Computer Company, Catalyst Communications, Caterpillar, Cavium, CCI (Communication Components Inc.), CCI (Competitive Companies, Inc.), CCI (Crown Castle International), CCSA (China Communications Standards Association), CCTI (Catalyst Communications Technologies, Inc.), Cellvine, Ceragon and many other

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Norah Trent

WiseGuy Research Consultants Pvt. Ltd.

16468459349

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