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The Private LTE Network Ecosystem: 2016 – 2030 – Opportunities, Challenges, Strategies, Industry Verticals & Forecasts

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Abstracts

For years, the critical communications industry has relied on narrowband LMR (Land Mobile Radio) networks for mission-critical voice and basic data services. Due to the bandwidth limitations of these LMR networks, public safety agencies and other users within the critical communications industry have turned towards commercial LTE networks to support growing demands for mobile broadband services such as video transmission and bandwidth-intensive field applications.

However, most commercial LTE networks do not necessarily meet the priority, security, resilience and availability requirements of the critical communications industry. By providing authority over coverage and capacity, private LTE networks can alleviate these concerns while delivering guaranteed connectivity.

Expected to surpass $800 Million in global investments by the end of 2016, private LTE networks are increasingly becoming the preferred approach to deliver mobile broadband services in the critical communications industry. Fueled by large-scale rollouts in the public safety, energy and other sectors, the market is further expected to grow at a CAGR of 32% between 2016 and 2020.

The “Private LTE Network Ecosystem: 2016 – 2030 – Opportunities, Challenges, Strategies, Industry Verticals & Forecasts” report presents an in-depth assessment of the private LTE network ecosystem including technology, architectural components, operational models, key trends, market drivers, challenges, vertical market opportunities, applications, deployment case studies, spectrum allocation, standardization, regulatory landscape, future roadmap, value chain, ecosystem player profiles and strategies. The report also presents forecasts for private LTE network

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infrastructure investments from 2016 till 2030. The forecasts cover 3 submarkets, 5 vertical markets and 6 regions.

The report comes with an associated Excel datasheet suite covering quantitative data from all numeric forecasts presented in the report.

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Airbus Defence and Space
Airbus Group
Air-Lynx
Airspan Networks
Airwave
Alcatel-Lucent
Alstom
Altiostar Networks
Ambulance Victoria
Amdocs
Anritsu Corporation
Ansaldo STS
Arcadyan Technology Corporation
Argela
Aricent
ARItel
Arqiva
Artemis Networks
Aselsan
ASOCS
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BTI Wireless
Busan Transportation Corporation
CalAmp Corporation
Cavium
CCI (Communication Components Inc.)
CCI (Competitive Companies, Inc.)
Ceragon
Challenge Networks
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Ciena Corporation
Cisco Systems
Cobham
Codan Radio Communications
Comba Telecom Systems Holdings
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CommScope
Contela
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Coriant
Corning
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EE
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Esharah Etisalat Security Solutions
ETELM
Etherstack
Ethertronics
ETRI (Electronics and Telecommunications Research Institute, South Korea)
ETSI (European Telecommunications Standards Institute)
EUAR (European Union Agency for Railways)
Exalt Communications
Exelis
EXFO
Expway
ExteNet Systems
Federated Wireless
FirstNet (First Responder Network Authority)
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Telenor Maritime
Telrad Networks
Telstra
Teltronic
Telum
TEN (Texas Energy Network)
Thales
TI (Texas Instruments)
Tropico
TrustComm
TTA (Telecommunications Technology Association, South Korea)
TxDPS (Texas Department of Public Safety)
U.S. Department of Commerce
U.S. FCC (Federal Communications Commission)
U.S. Navy
U.S. NPSTC (National Public Safety Telecommunications Council)
UANGEL
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