

The 5G Wireless Ecosystem Market 2016 Share, Trend, Segmentation and Forecast to 2025

The 5G Wireless Ecosystem Market to Grow at \$5 Billion by 2020, following a CAGR of nearly 40% over the next 5 years

PUNE, MAHARASHTRA, INDIA, June 16, 2016 /EINPresswire.com/ -- 5G is essentially a revolutionary paradigm shift in wireless networking to support the throughput, latency, and scalability requirements of future use cases such as extreme bandwidth augmented reality applications and connectivity management for billions of M2M (Machine to Machine) devices.

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Key Findings:

The report has the following key findings:

Driven by regional, national government, wireless carrier and vendor initiatives, we expect 5G R&D and trial investments will account for nearly \$5 Billion by 2020, following a CAGR of nearly 40% over the next 5 years

Nearly 70% of these investments will target large scale commercial trial networks in Japan, South Korea and other early pioneering countries

Despite a lack of standardization, vendors are aggressively investing in 5G development efforts with a principal focus on new transmission schemes, antenna technologies, and higher frequency bands



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The report covers the following topics:

5G requirements, use cases & vertical market applications

5G market drivers and barriers

Air interface & antenna technologies: Massive MIMO, waveforms, phased array antennas & beamforming

Spectrum technologies: Cognitive radio, spectrum sensing, aggregation & LSA (Licensed Shared Access)

D2D communications & self-backhauling networks

Complimentary technologies for 5G: NFV (Network Functions Virtualization), SDN (Software Defined Networking), HetNet (Heterogeneous Networking), C-RAN (Cloud RAN), drones & satellites

Spectrum options for 5G

Standardization & research initiatives

Competitive assessment of vendor strategies & commitments to 5G

5G investment and subscription forecasts from 2015 till 2025

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