

Innovation Summit 2016



IoT & Security

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01_ IoT will create Economic and Data disruption





**IoT could generate \$4.6 trillion in value for
the global public sector and
\$14.4 trillion for the private sector by 2022.**



**The world's data will see a
10x increase in 6 years.**



01_ IoT creates a wealth of opportunities



01_ Optimized industrial applications.

02_ Intelligent networks. **03_** Connected vehicles.

04_ Smarter devices.



02_ Wireless Connectivity is a key enabler for IoT





**IoT will overtake mobile phones as the
“largest category of connected devices”
by 2018.**



02_ Mobile enabled solutions



- 01_ Development of higher speed networks.**
- 02_ Migration across network boundaries.**
- 03_ Ensuring identity of network and services.**
- 04_ Low-Power Wide-Area technologies.**



03_ IoT has Unique Security requirements





03_IoT devices have inherently weak security features

**01_ Small. 02_ Low power. 03_ Always on.
04_ No user interface. 05_ Anonymous.**



04_Security Solutions are available now





Massive IoT | Critical IoT



04_Secure Elements



- 01_ Store secret keys.**
- 02_ Manage integrity of the devices themselves.**
- 03_ Secure applications.**



05_Secure IoT requires an End-to-End Approach





Embedded SIMs are supporting Connected Cars





**There is no security without
trusted identities.**



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