



# The Internet of Things ...beyond IT

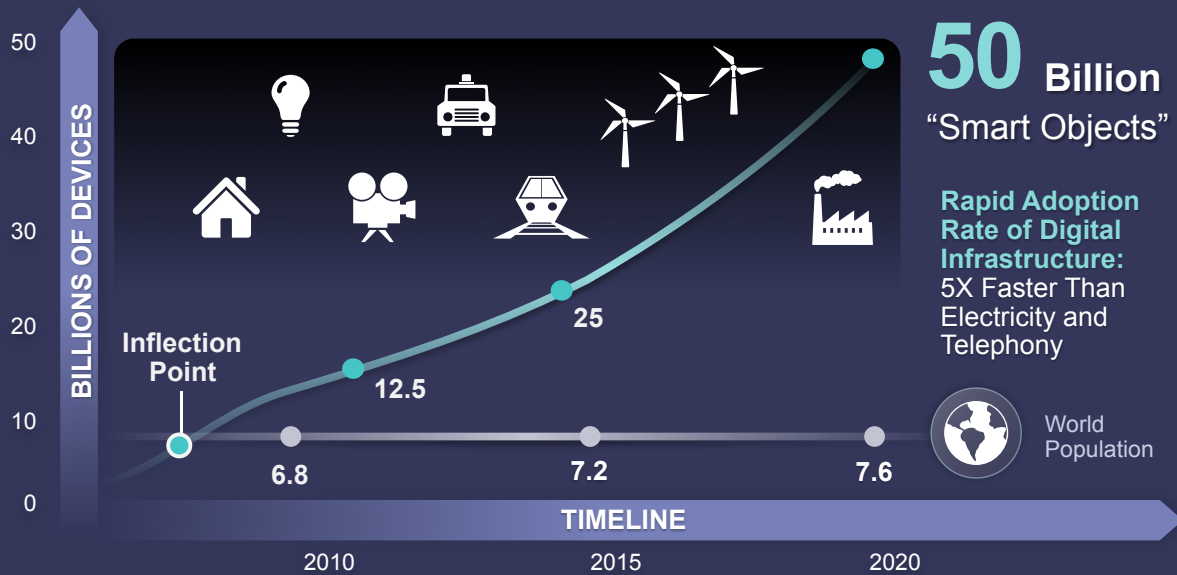
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Public Safety Lead, EMEAR

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# The Internet of Things Is Already Here



Source: Cisco IBSG, 2011  
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# This is a verticalisation exercise



Manufacturing



Oil & Gas



Energy-Utility



Safety



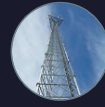
Transportation



City



Defense



SP/M2M



REAL TIME

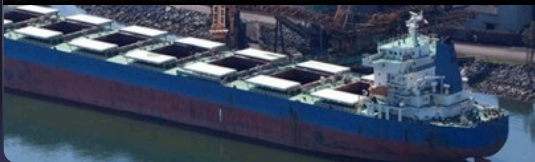


SCALE



BIG DATA/FAST DATA - ANALYTICS

SECURITY



# What Will It Take?

## Operational Technology Network Transformation

From Basic  
Connectivity...



...to a Critical Part of the  
Enterprise Infrastructure

From Proprietary  
Standards...



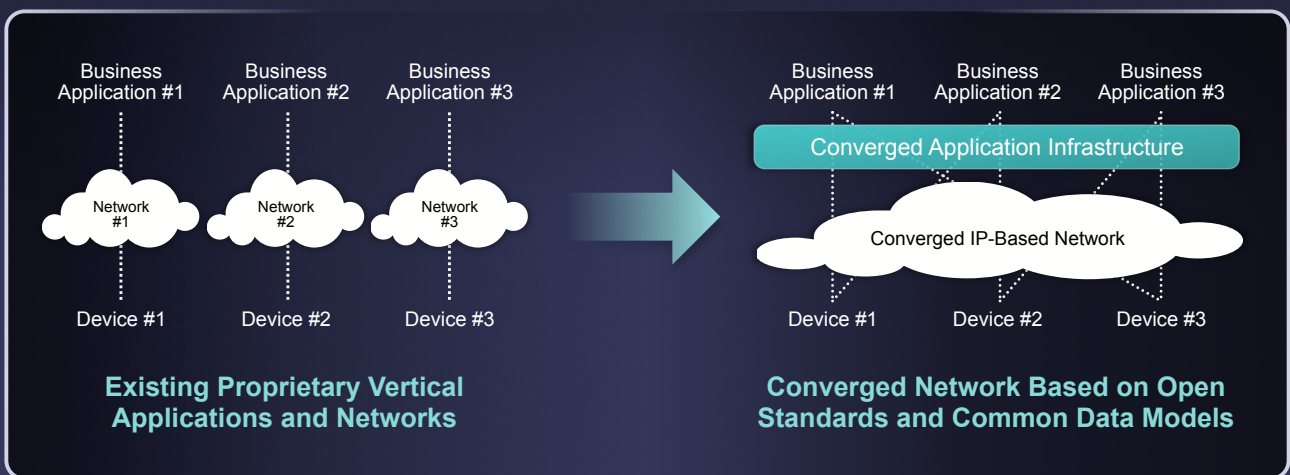
...to Open Standards

From Disparate  
IT and OT Networks...

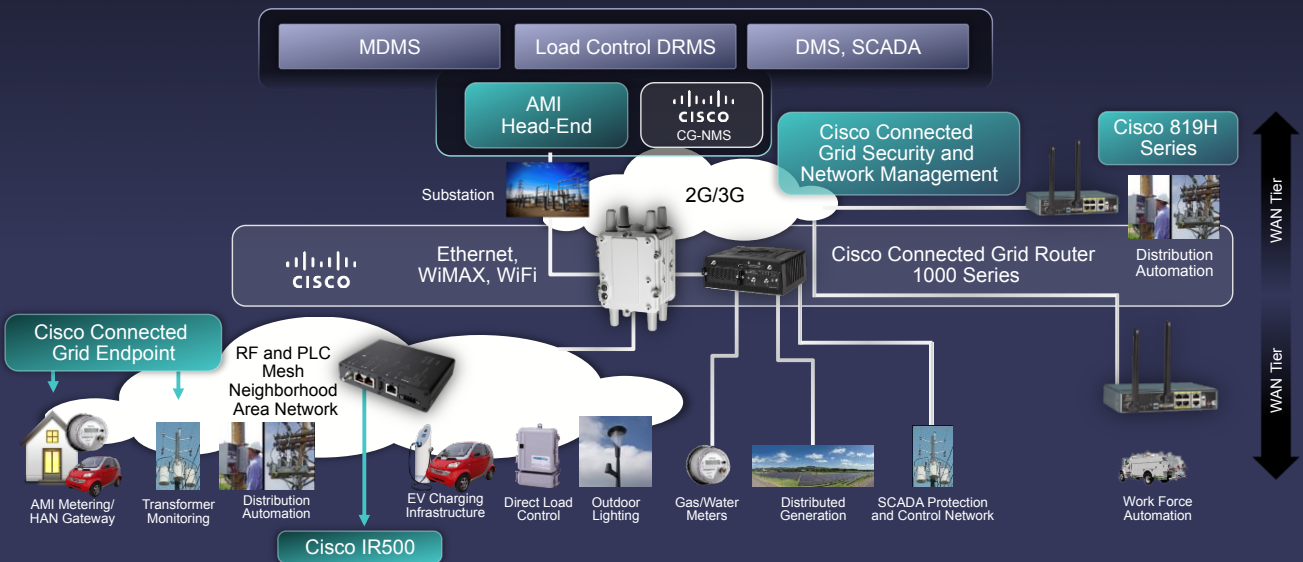


...to Converged, Secure,  
and Collaborative  
Operations

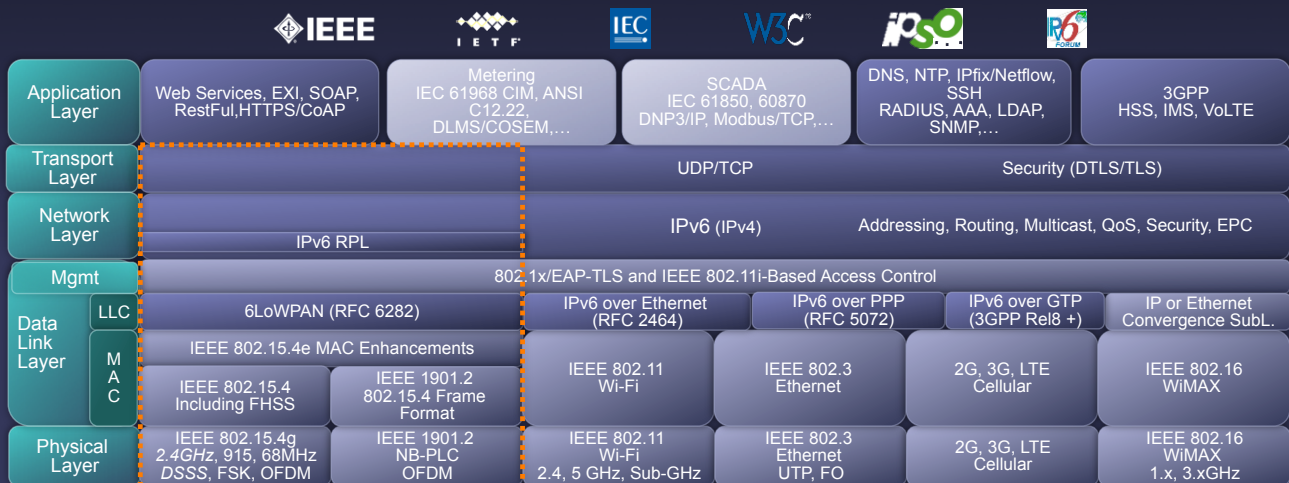
# Convergence of OT Applications....similar to IT and collab



# Smart Grid Multi-Service Field Area Networks



# Open Standards Reference Model

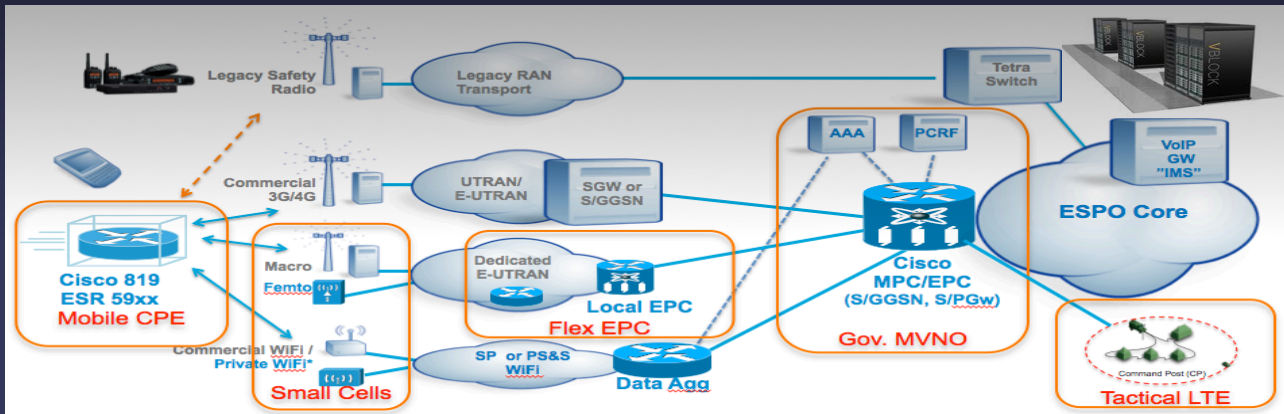


Open Standards: At All Levels to Ensure Interoperability and Reduce Technology Risk for Utilities

Future Proofing: Common Application Layer Services Over Various Wired/Wireless Communication Technologies



# Premium Mobile Broadband, a Cisco system validation for professional use of LTE technology



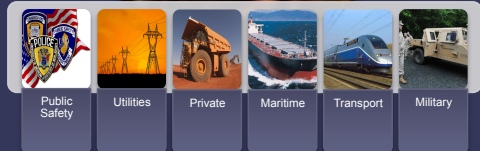


# The Public Safety Go To Market is a new ecosystem between technology providers and Vertical SIs

**Agile Global Market  
LTE & IP  
Technology providers**



**Vertical Value Added  
Solution Builders**



## Internet of everything is about IP Flexibility

- Virtualisation : no specific Mini-me but code ubiquity
- Hardware flexibility : dedicated HW in global COTS HW
- Software flexibility : dedicated SW with global COTS SW
  
- Safety is not smaller it is different

Thank you.

