

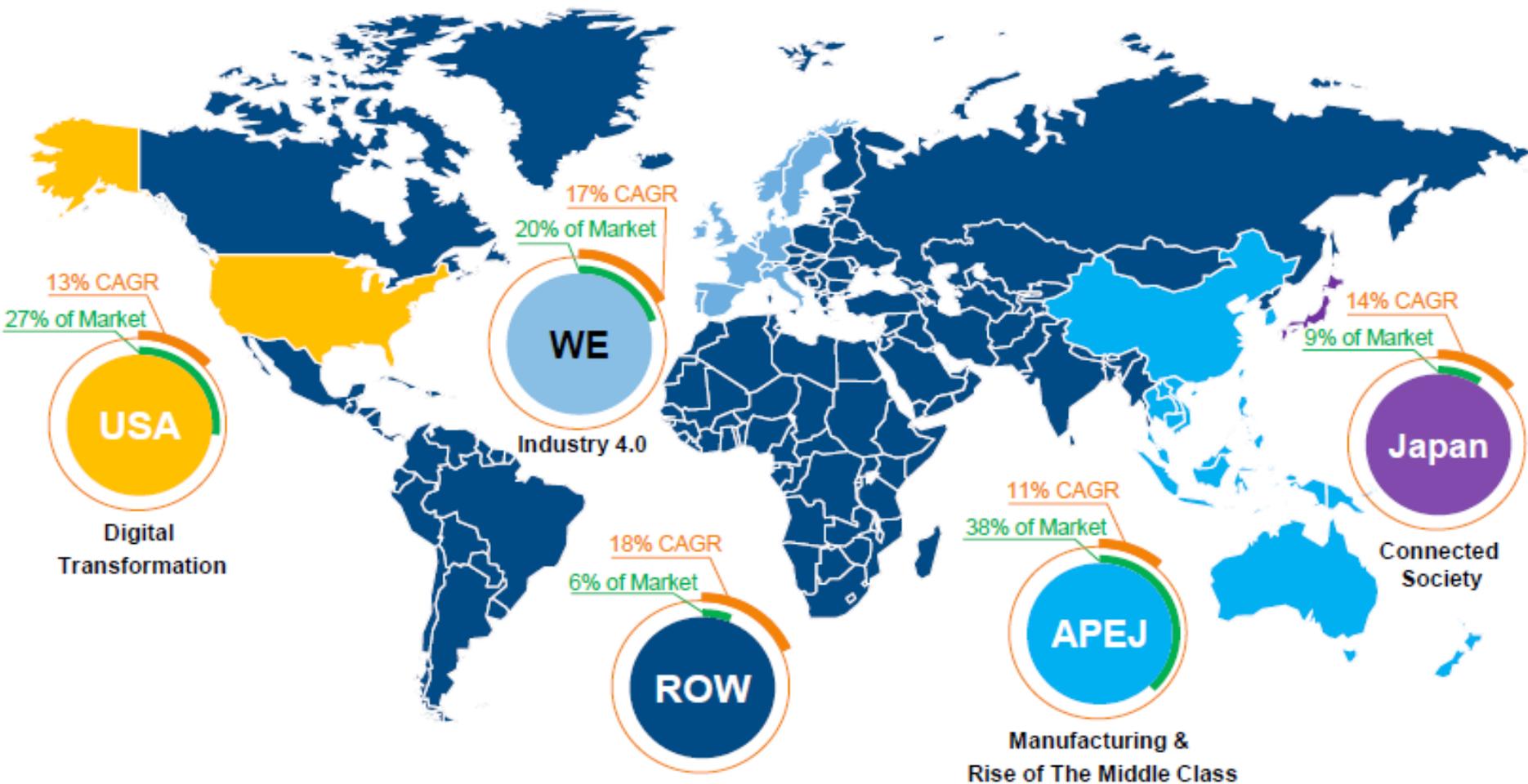


***The Internet of Things is Blowing up Everything***

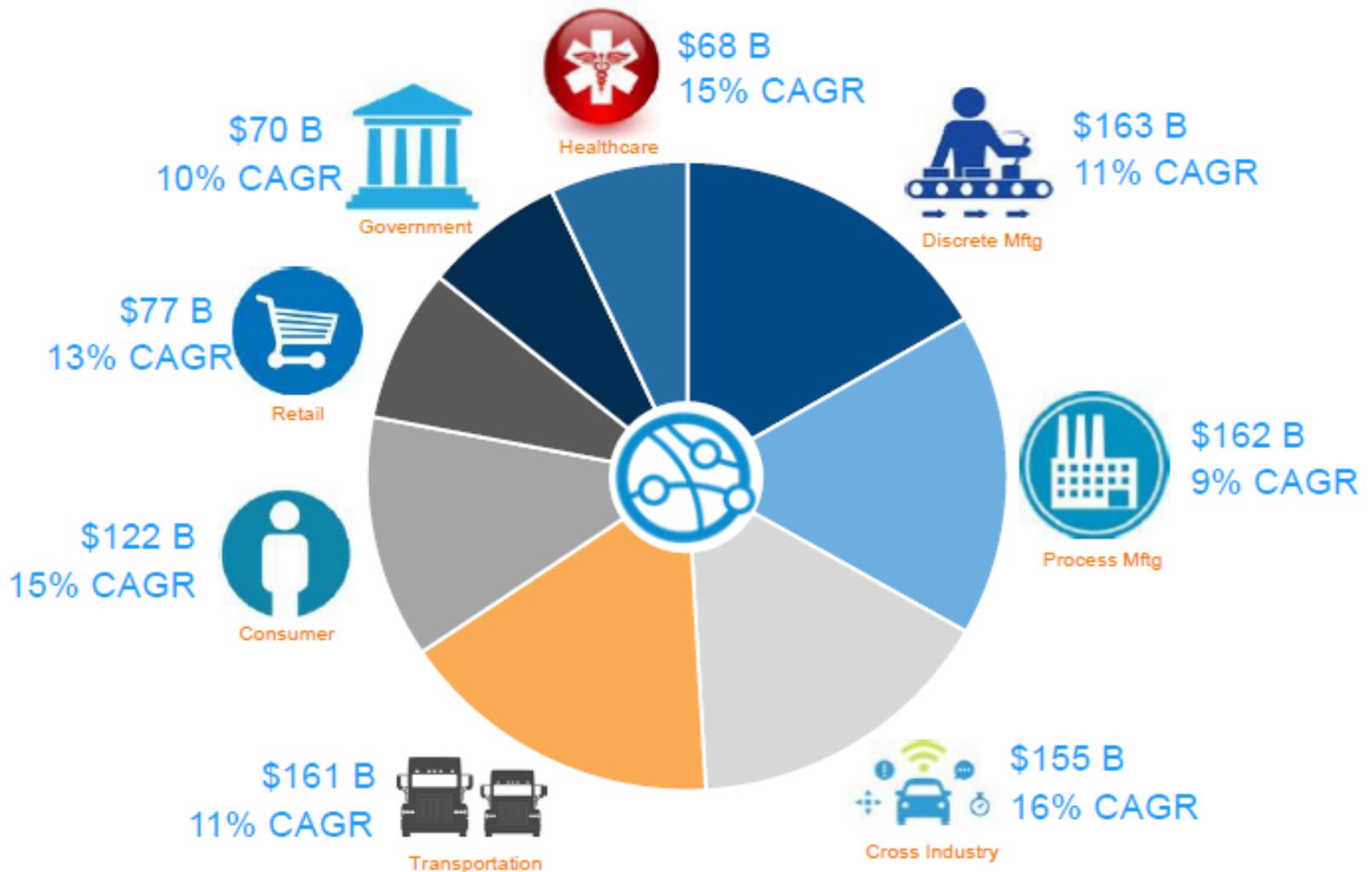
Sathya Atreyam  
Research Manager  
Mobile and IoT Infrastructure

# The Internet of Things – 2020

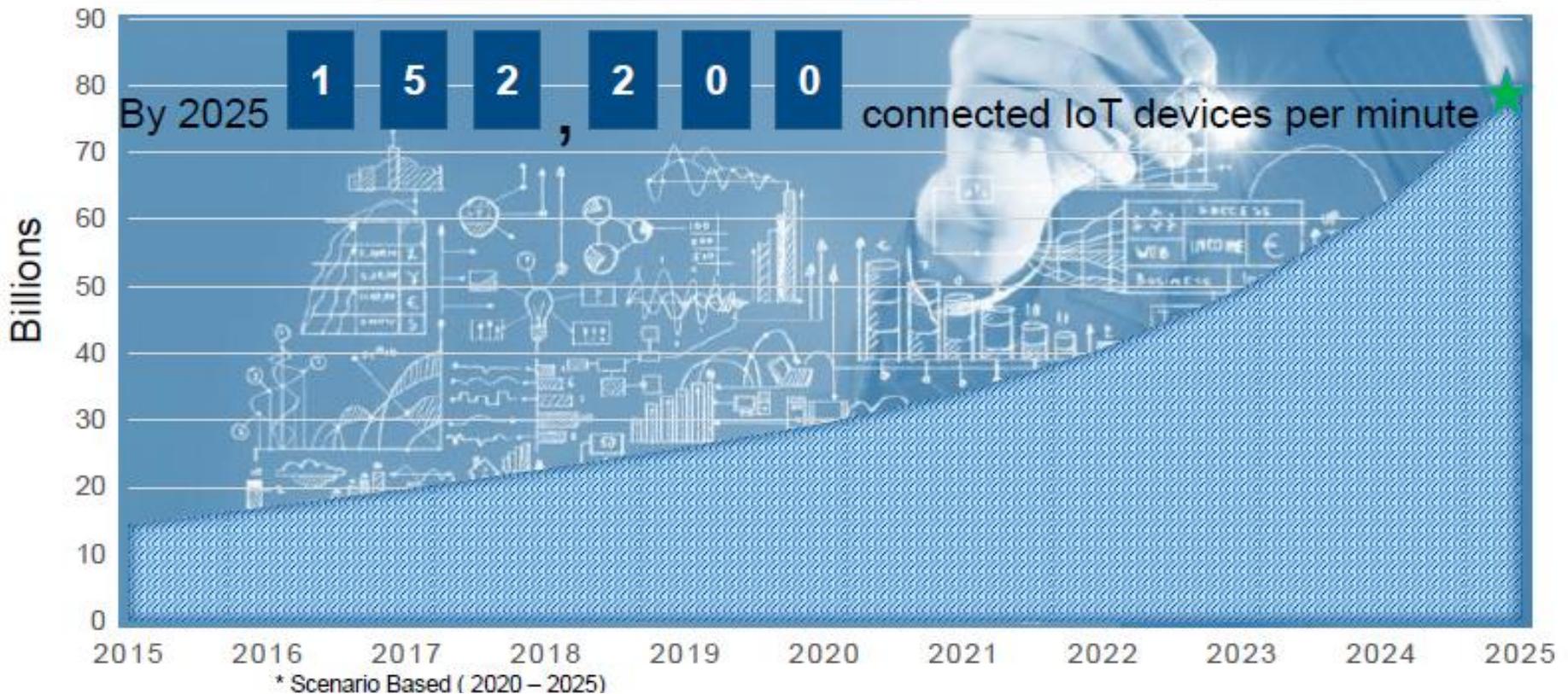
## \$1.46 T Market Opportunity



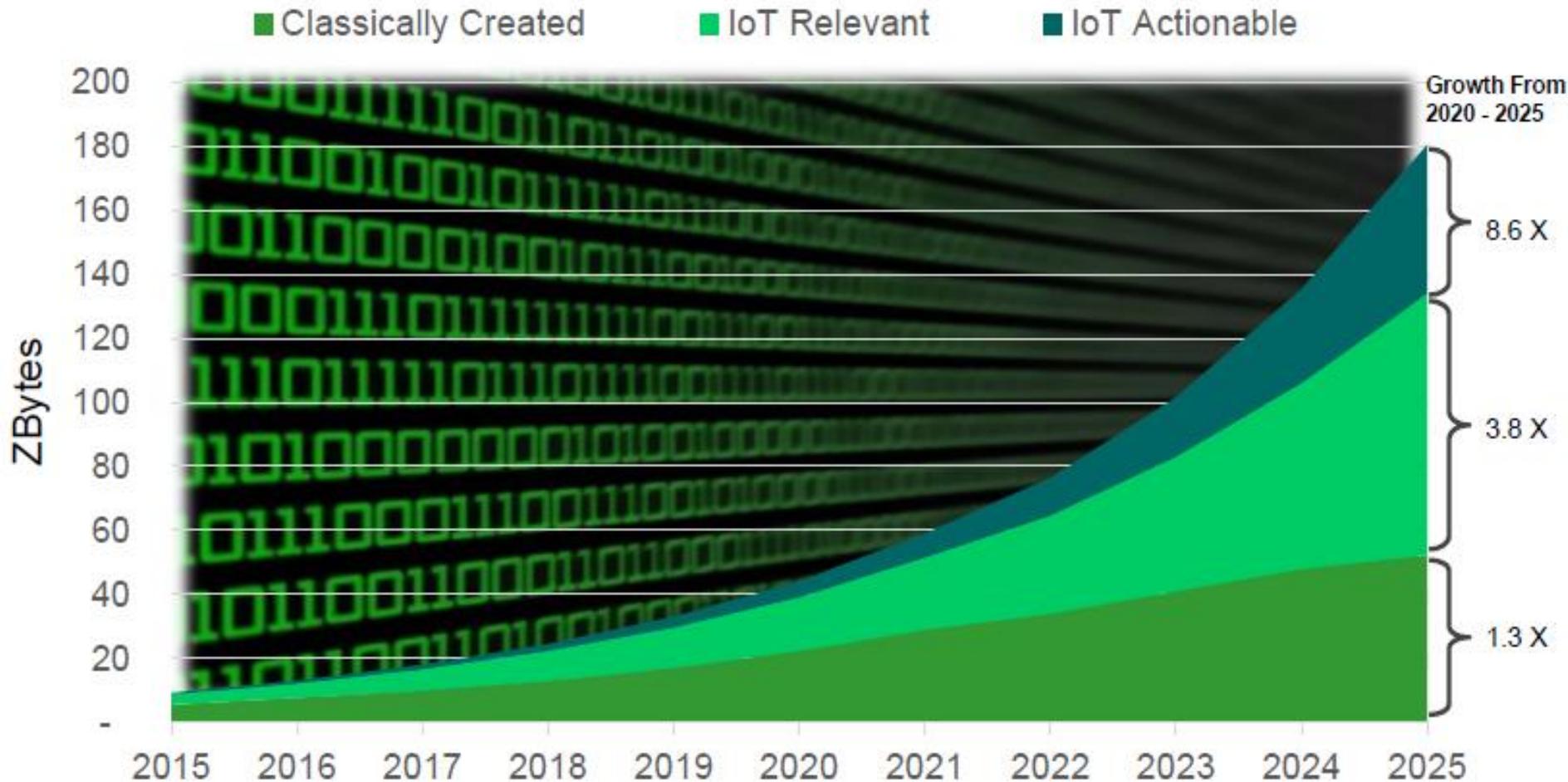
# Internet of Things By Industry – Manufacturing Has The Largest Opportunity ...But Wait...



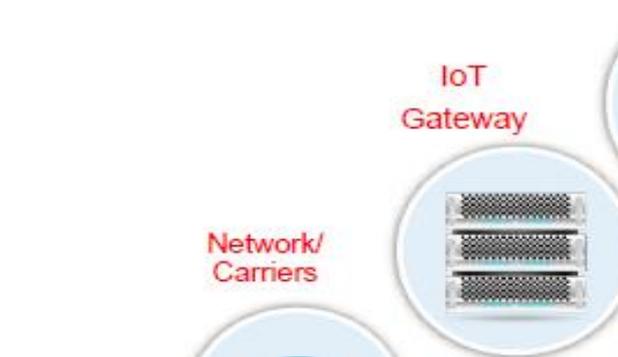
# IoT Connected Device Forecast 2015 – 2025\*



# The Data Sources For IoT: 2015 – 2025



# The IoT Ecosystem



**Systems Integration/Services**

**IoT Platform**

**Open Data Platform**

**Cloud**

**IoT Gateway**

**Network/Carriers**

**Sensor**

PHILIPS, Johnson Controls, Honeywell, Ford, SAP, Capgemini, IBM, Tech Mahindra, Oracle, Fujitsu, EMC, Microsoft Azure, UNISYS, BT, CISCO, Deloitte, ERICSSON, SAP, HP, Google, ORACLE, IBM, GRAYLOG2, ThingWorx, EMC, Pivotal, Splunk, IBM, ORACLE, Xively, Aeris, TRIDUUM, AWS, WYLESS, SENSE, SAP, KORE, ANDROID, ARM, HP, CISCO, INTEL, REDBEND, TRIDUUM, SAP, ORACLE, HUAWEI, ALICATEL-LUCENT, SPRINT, TELIA SONERA, TOSHIBA, SONY, TEXAS INSTRUMENTS, WIND RIVER, SINGTEL, BOSCH, ERICSSON, AT&T, JUNIPER, CISCO, TELE2, BLOX, HUAWEI, ALICATEL-LUCENT, SPRINT, TELIA SONERA, TOSHIBA, SONY, TEXAS INSTRUMENTS, WIND RIVER, FINEAD, MOTTI, WAVE, WAVE RFID, OMA, DIGITAL, ARM, CADENCE, IP, IMAGINATION, POWERPC, GREEN EDGE, GNX, #IDCDirections, @IDC, VISIT US AT IDC.COM AND FOLLOW US ON TWITTER: @IDC, 2G, 3G, 4G, REDHAT, SAP, ENEA

# Connection Between IoT and The 3<sup>rd</sup> Platform

## Cloud

- Variable Endpoint Workloads
- Scalability and Flexibility for data deluge from endpoints
- GRC
- Data sovereignty
- Security

## Big Data/Analytics

- Real Time Decision Making
- Provide Engine to power new data sources
- Create Value Added Content

*The Internet Of Things*



- Connect remote location endpoints
- Activate IoT Applications
- Establish networked IoT Platform
- Scalable Cost Efficient Backbone Infrastructure

- Outlet for Automated Responses from connected end points to interested users

## Mobile

## Social Business

# SUCCESS CRITERIA IN THE FUTURE

## Cultivate Open Ecosystems

- Build open programmable networks that support 3<sup>rd</sup> party applications at scale.

## Network Resources On Demand

- The right infrastructure drives an efficient, elastic, and low latency architecture.

## Enabling Localization

- Access to right information (workload) at the right time is fundamental to a businesses success.

# Thank You

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## ***Conference Debate Session VI –***

*The Internet of Things Is Blowing Up Everything Service Providers, Carriers and the Cloud Industry Must Keep Calm and Carry On*

### **Moderator:**

Sathya Atreyam

Research Manager – Mobile and IoT Infrastructure