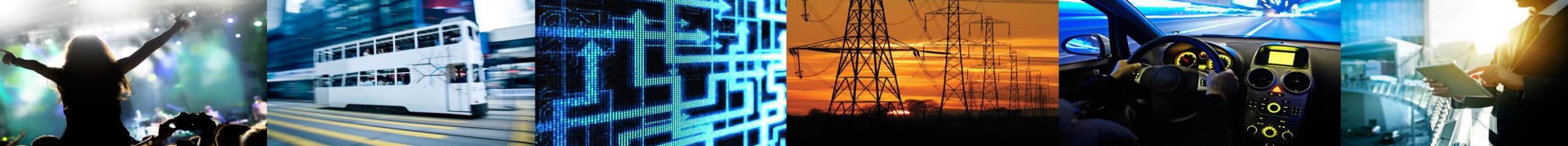




Connected Living



Scaling the Internet of Things

IoT Summit, Shanghai 16th and 17th July 2015

Graham Trickey, Head of Connected Living Programme GSMA July 2015

IoT Summit Agenda



Thursday 16 July

14:00 – 15:20

Low Power Wide Area Solutions –

The central role of the Operator and how to fit with other radio technologies

15:20 – 16:40

Security of IoT – the importance of security in our networks and the need to have an approved set of security guidelines adapted for IoT

16:40 – 18:00

Scaling the IoT – Deploying More Devices and Services with Remote SIM provisioning

18:00 – 19:00

IoT Summit Networking Cocktail

Friday 17 July

08:00 - 09:00

Welcome reception coffee

09:00 - 10:00

Industrial Trend and Future IoT Development

10:00 - 11:00

Innovative Technology in IoT evolution

11:00 - 12:20

IoT Case Studies in different Industries

12:20 - 12:30

Closing remarks



Growth in China



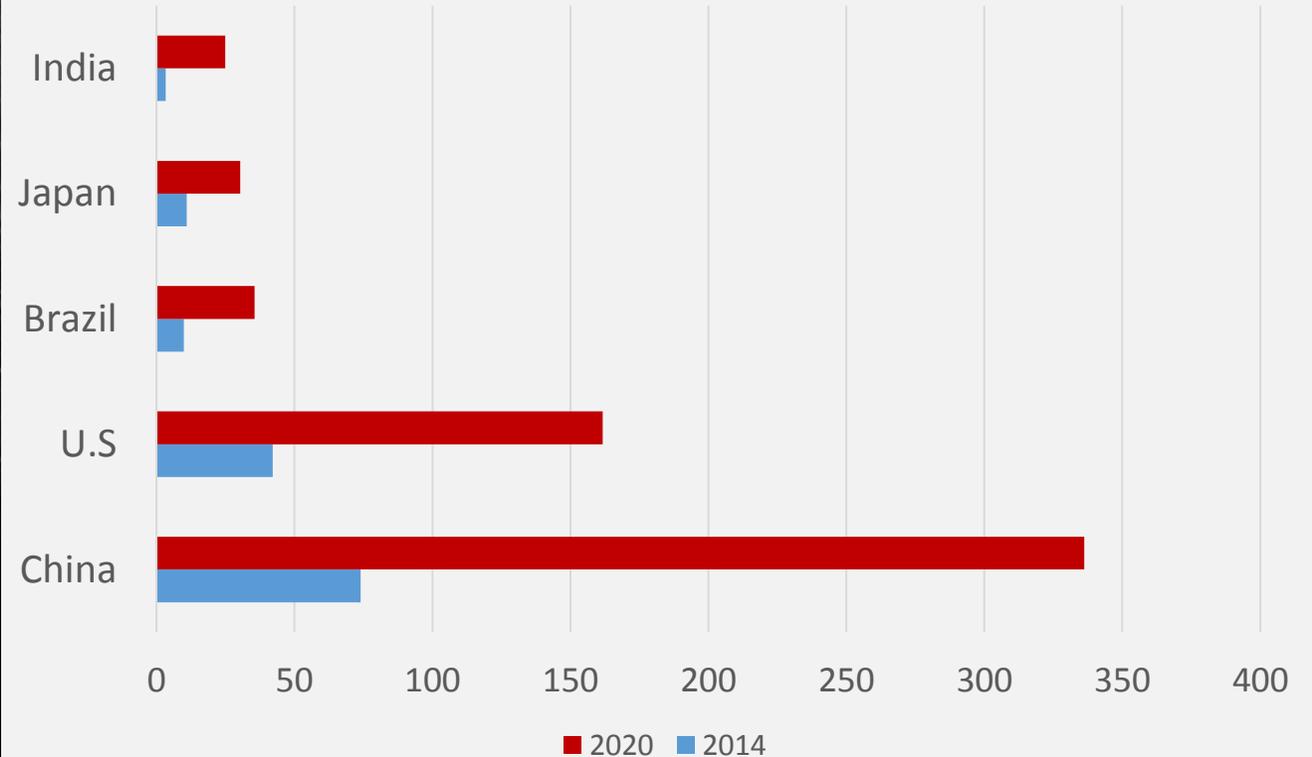
China leads the world in M2M

1/3 of global connections
2015 – 74.2m connections
2020 – 336m connections
31% CAGR

Growth drivers

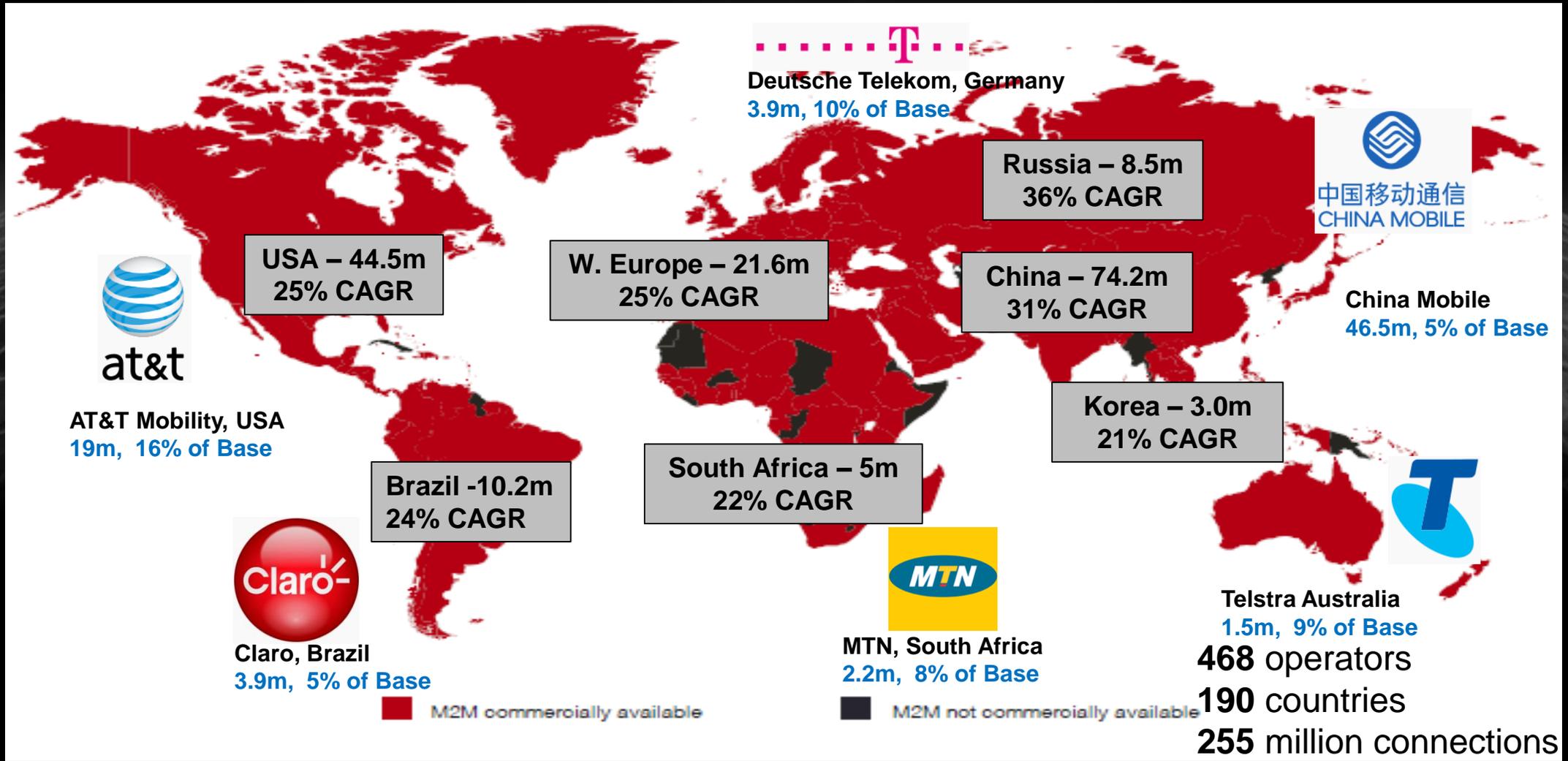
- Government support
- Standard & specifications
- Operator leadership
- Industry partnerships –
 - automotive
 - utilities
 - manufacturing
 - transportation

BRIC Cellular M2M Connections (mil), 2014 vs 2020



Full details in the China Report www.gsma.com/connectedliving

It's also growing globally! - Cellular M2M Connections



Source: GSMA Intelligence, 2015

www.gsma.com/connectedliving.com – Mobilising the Internet of Things

Moving from M2M to IoT – Enabling faster growth



- Widespread intelligent interconnection
- Extend the reach of mobile platforms
- Tailor mobile solutions for market requirements
- Ensure security of IoT connections and data
- Innovation in business models
- Judicious policy and regulation



GSMA Connected Living Programme

Our Vision: To enable the Internet of Things, a world in which consumers and businesses enjoy rich new services, connected by intelligent and secure mobile networks

GSMA Connected Living – “Mobilising the Internet of Things”

Remote SIM Provisioning

*Interoperable M2M
Remote SIM Provisioning
Adoption*

Future IoT Networks

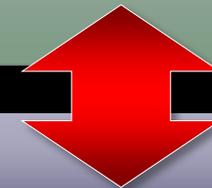
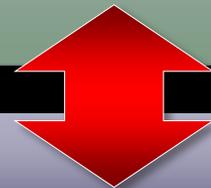
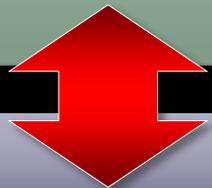
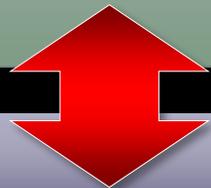
Evaluation of Low Power, Wide Area and Security Requirements

Industry Engagement

Implementation of technology pilots and big data aggregation

IoT Business Enablers

Operator Self Regulation Toolkit



Vertical Ecosystem Engagement – Automotive, Transportation, Utilities and Health