

GSMA Mobile 360 Series – Latin America  
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NFV/SDN on the road for 5G  
THE JOURNEY TO NFV

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Connected Devices

# in 2021

**28 BILLION**

Source: Ericsson Mobility Report

13 billion

MOBILE PHONES, PC/LAPTOP/TABLET

15 billion

M2M DEVICES & CONSUMER ELECTRONICS



# Wide Range of Requirements



## Massive MTC



SMART BUILDING



LOGISTICS, TRACKING AND FLEET MANAGEMENT



SMART METER

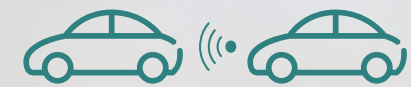


SMART AGRICULTURE



CAPILLARY NETWORKS

## Critical MTC



TRAFFIC SAFETY & CONTROL



INDUSTRIAL APPLICATION & CONTROL



REMOTE MANUFACTURING, TRAINING, SURGERY

## Enhanced Broadband



Smartphones



Home, Enterprise, Venues, Mobile/Wireless/Fixed



Non-SIM devices



4k/8k UHD, Broadcasting, VR/AR,

LOW COST, LOW ENERGY  
SMALL DATA VOLUMES  
MASSIVE NUMBERS

ULTRA RELIABLE  
VERY LOW LATENCY  
VERY HIGH AVAILABILITY

# Full range of solutions

## Addressing diversity of use cases



**EC-GSM**

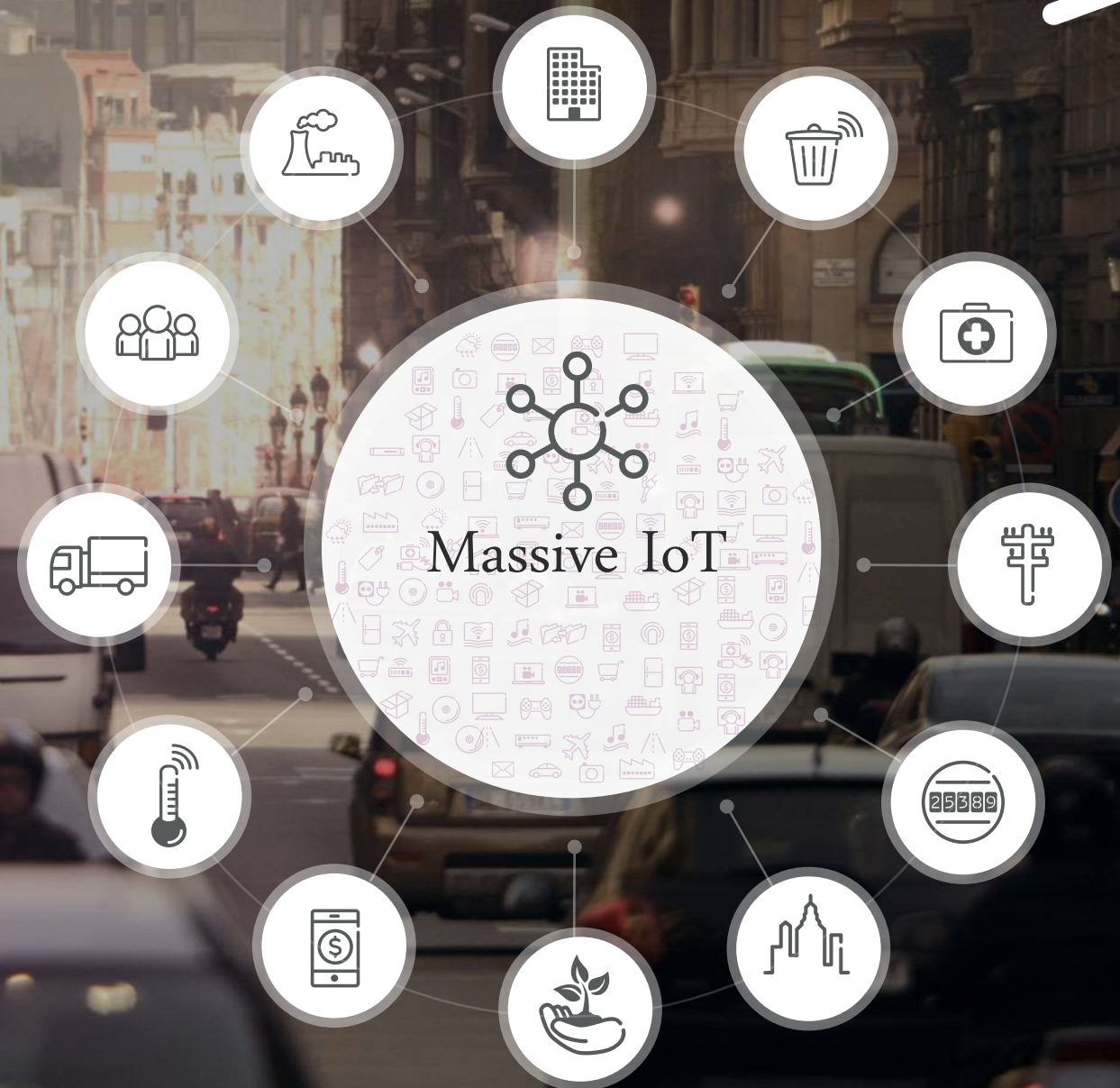
Global cellular IoT for all GSM markets

**LTE-M**

Wide range of applications

**NB-IoT**

Ultra low-bitrate applications



# 5G – Beyond Mobile Broadband



5g  
USE CASES



BROADBAND EXPERIENCE  
EVERYWHERE, ANYTIME



MEDIA  
EVERYWHERE



SMART VEHICLES,  
TRANSPORT & INFRASTRUCTURE



CRITICAL CONTROL  
OF REMOTE DEVICES



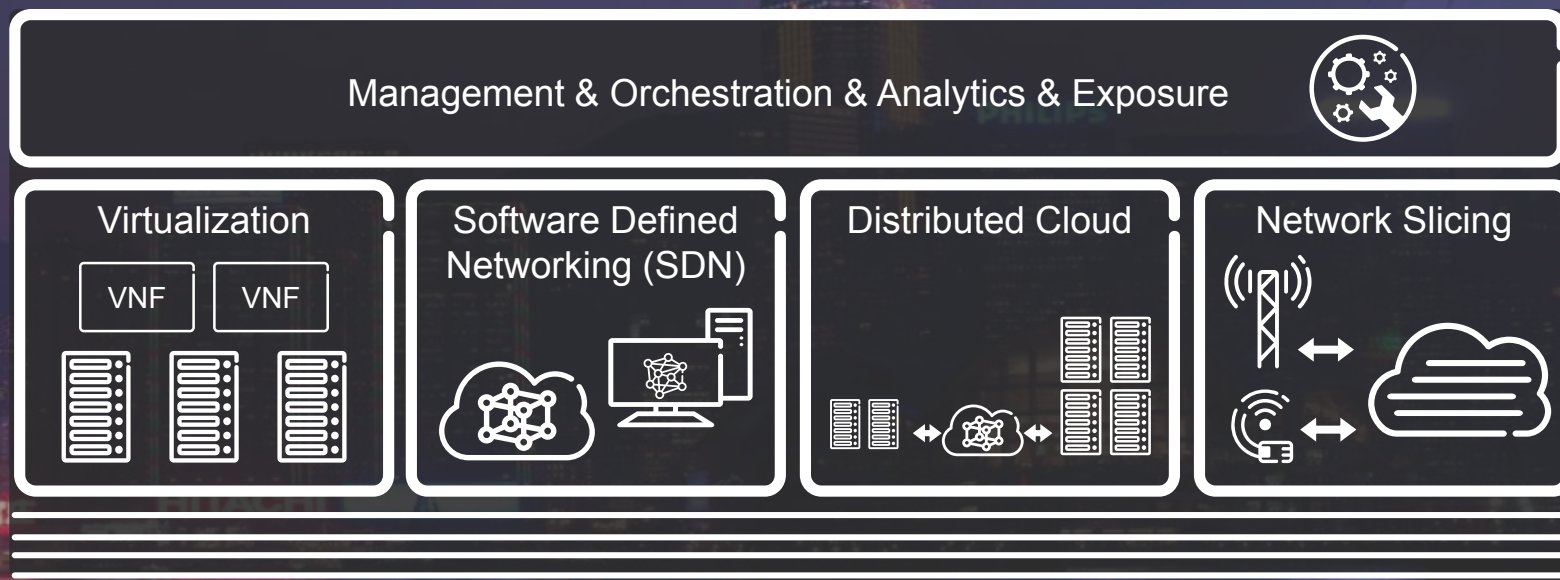
INTERACTION  
HUMAN-IOT



Wide range of new opportunities and use cases

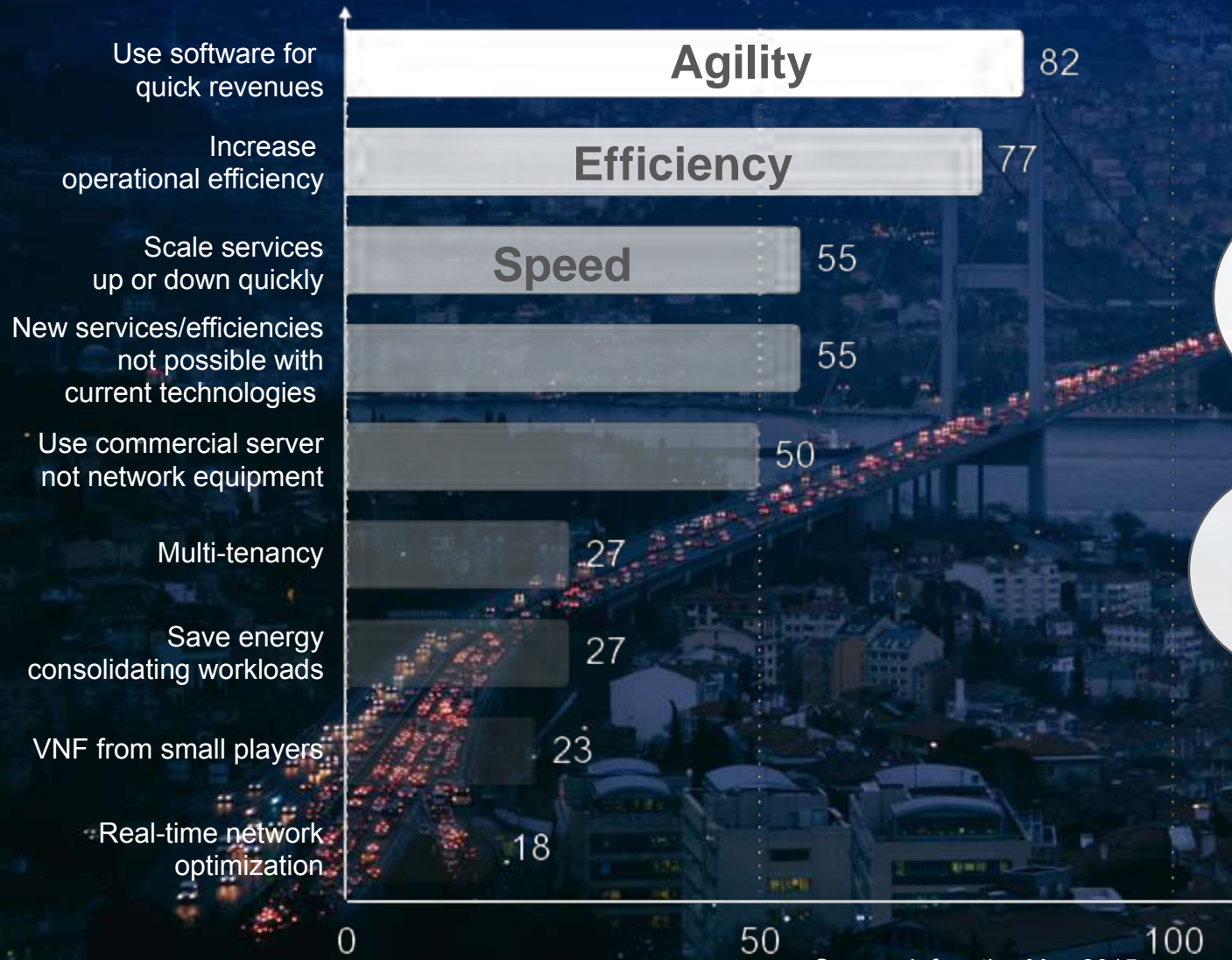
# 5G Ready Core

# 5G



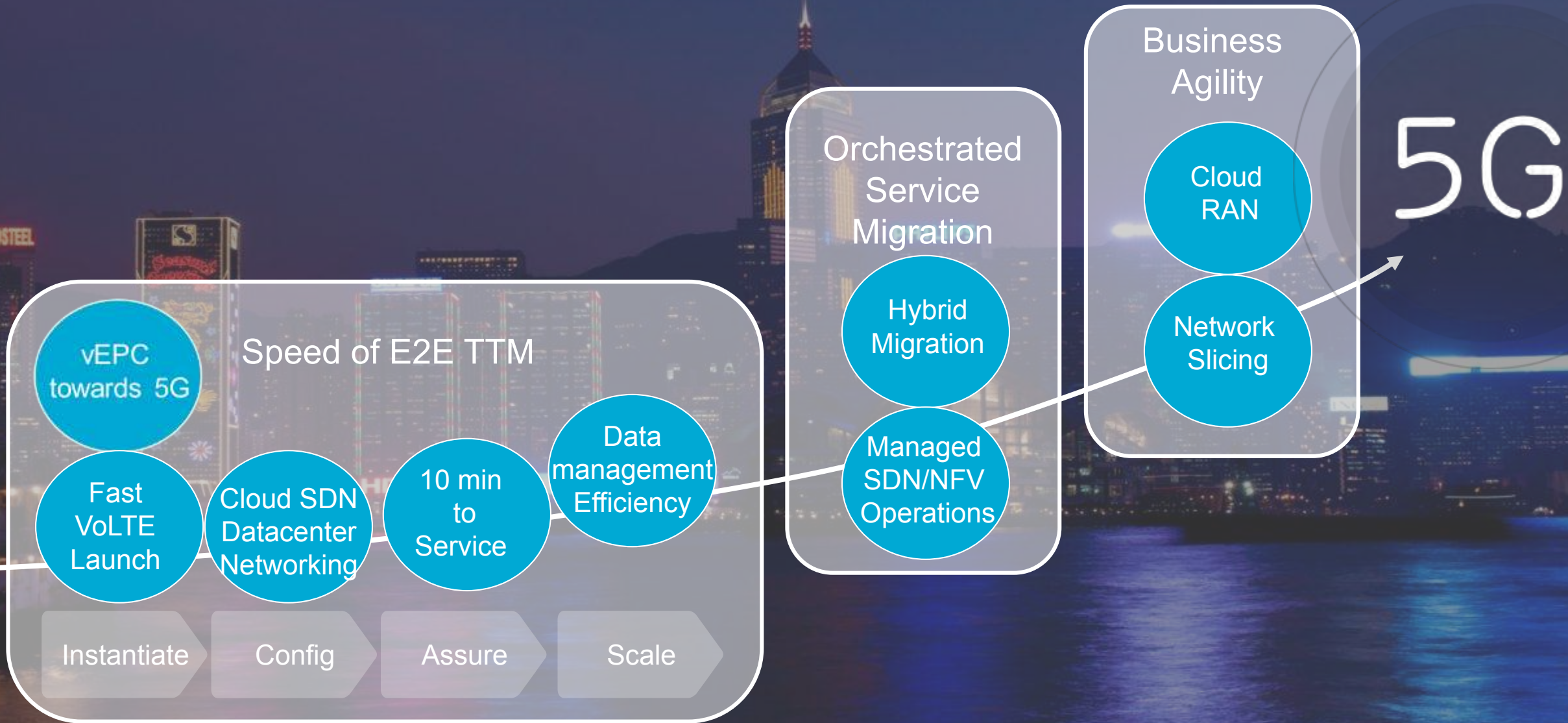
A common network platform  
enabling ICT transformation

# EXPECTATIONS ON NFV



Source: Infonetics May 2015

# the journey has BEGUN





# THE MIGRATION Challenge



## Network Transformation



Node by node  
Site by site

## Traffic Steering



By percentage  
By subscribers  
By service

# Ericsson NFV

Agility, Efficiency and Speed



# 5G



## Cutting Edge Portfolio

Broad portfolio means broad expertise and ability to think end-2-end.



## Freedom of Choice

Openness, Compliance with Standards, Inter-operability



## Smooth Migration

Experience of continuous network evolution



## Business Agility

Drive existing and new business. Innovation at new speed



## Hybrid Management, Automation

Realize new economics



**ERICSSON**