

# ESTABLISH LEADERSHIP IN TARGETED AREAS

Head of Strategy Rima Qureshi

#### IN 2020...



8 BILLION people on the planet

90% of the world will be covered by MBB

Mobile traffic will grow 10X

MEDIA value chain will evolve

Collaboration will be KEY

1 BILLION fixed broadband subscriptions

8 BILLION mobile broadband subscriptions

50 BILLION connected devices

15 BILLION connected video devices

High Performance Networks ESSENTIAL







BROADBAND

## OUR STRATEGIC FOUNDATION

#### VISION

A Networked Society where every person and every industry is empowered to reach their full potential

#### MISSION

We lead transformation through mobility

#### **VALUES**

Trust, Innovation & Performance Professionalism, Respect & Perseverance

#### ASSETS

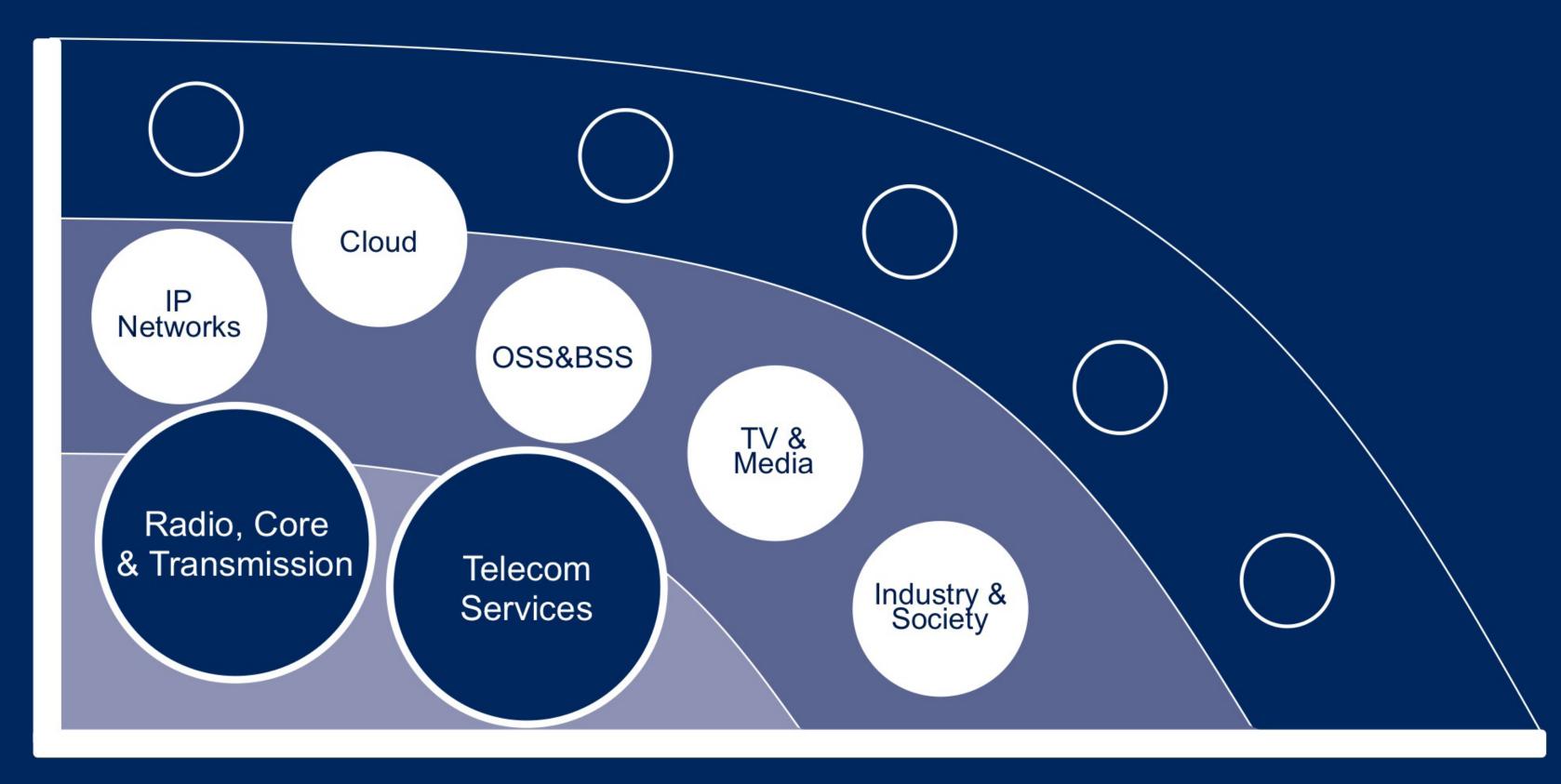
Technology & Services leadership Global scale & skills

#### STRATEGIC DIRECTION 2014



Future/ Emerging

Present/ Large





1 Excel in core business

- 2 Establish leadership in targeted areas
- 3 Expand business in new areas

#### DIFFERENT CHARACTERISTICS



1

Excel in core business

Establish leadership in targeted areas

Expand business in new areas

Market position:	Market leader	Typically challenger	New entrant
Objective:	Improve earnings in core, lead and innovate	Drive growth, win leadership position	Selectively invest, explore and expand business
Key success factors:	Performance, efficiency from scale, high barriers to entry	Focus, leverage core business, scale up for critical mass	Demonstrate proof of concept, replicate, build footprint

## INVESTMENTS ACROSS CORE, TARGETED AND NEW AREAS



1

Excel in core business

Establish leadership in targeted areas

Expand business in new areas

3

R&D	Majority of investments to continue to lead and innovate in core	Increasing investments for growth, win leadership position	Selectively expand in long-term opportunities
Mergers and Acquisitions	Consolidate and create synergies to drive industry and technology leadership	Strengthen offering and boost market footprint	Develop new platforms and capabilities for growth
Partnering and Venture Investments	Maintain leadership by pursuing cutting edge technology advances	Strengthen position and gain scale by expanding scope of offering	Explore nascent technology, skills and business models

#### M&A AND PARTNERING STRATEGY



Invest to strengthen competitive assets



Fill portfolio gaps (BU bolt on)



Increase scale & skills

Invest to accelerate profitable growth



Consolidate market position

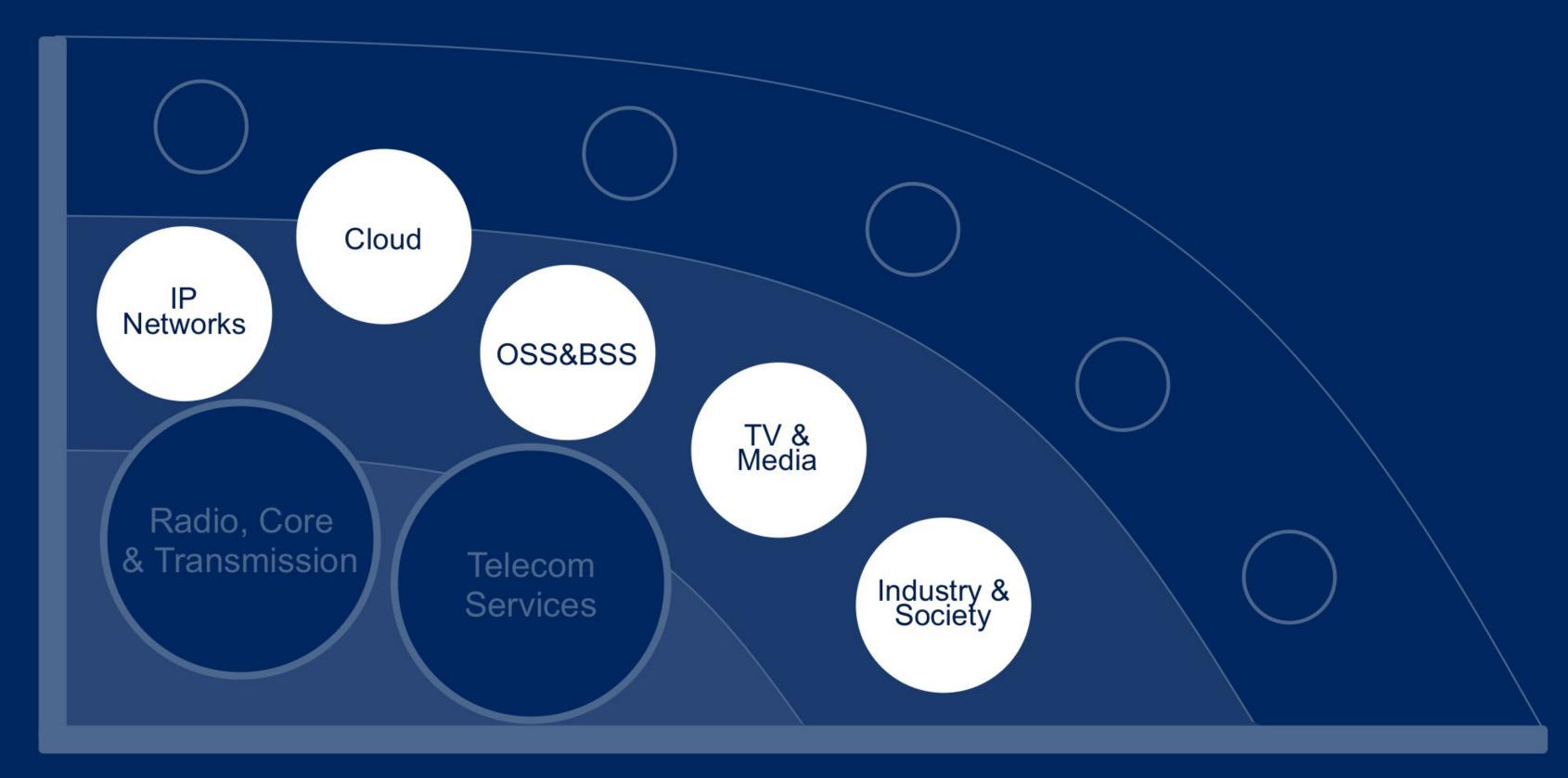


Grow new & targeted areas



Future/ Emerging

Present/ Large





1 Excel in core business

- 2 Establish leadership in targeted areas
- 3 Expand business in new areas

### CRITERIA FOR TARGETED AREAS



Growth potential

High degree of software and professional services

High degree of recurrent revenues

(IV

Adjacency - fully leveraging Ericsson core business areas

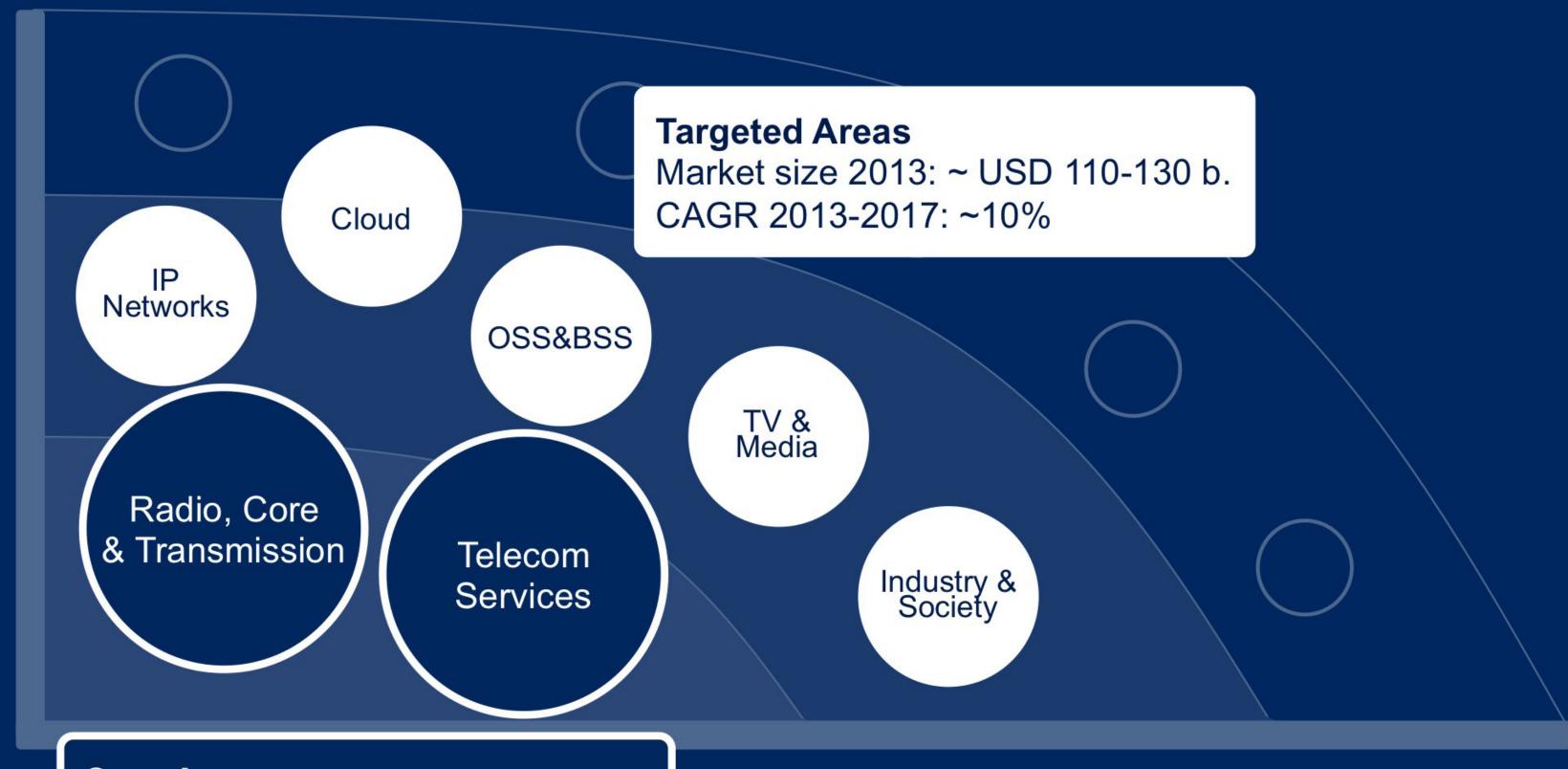
Ambition of targeted areas is to significantly improve Ericsson's earnings towards 2020

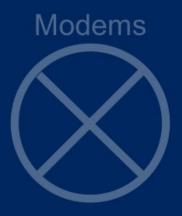
## MARKET SIZE AND GROWTH CORE AND TARGETED AREAS



Future/ Emerging

Present/ Large





**Core Areas** 

Market Size 2013: ~USD 150-160 b.

CAGR 2013-2017: ~3-4%

2

Establish leadership in targeted areas



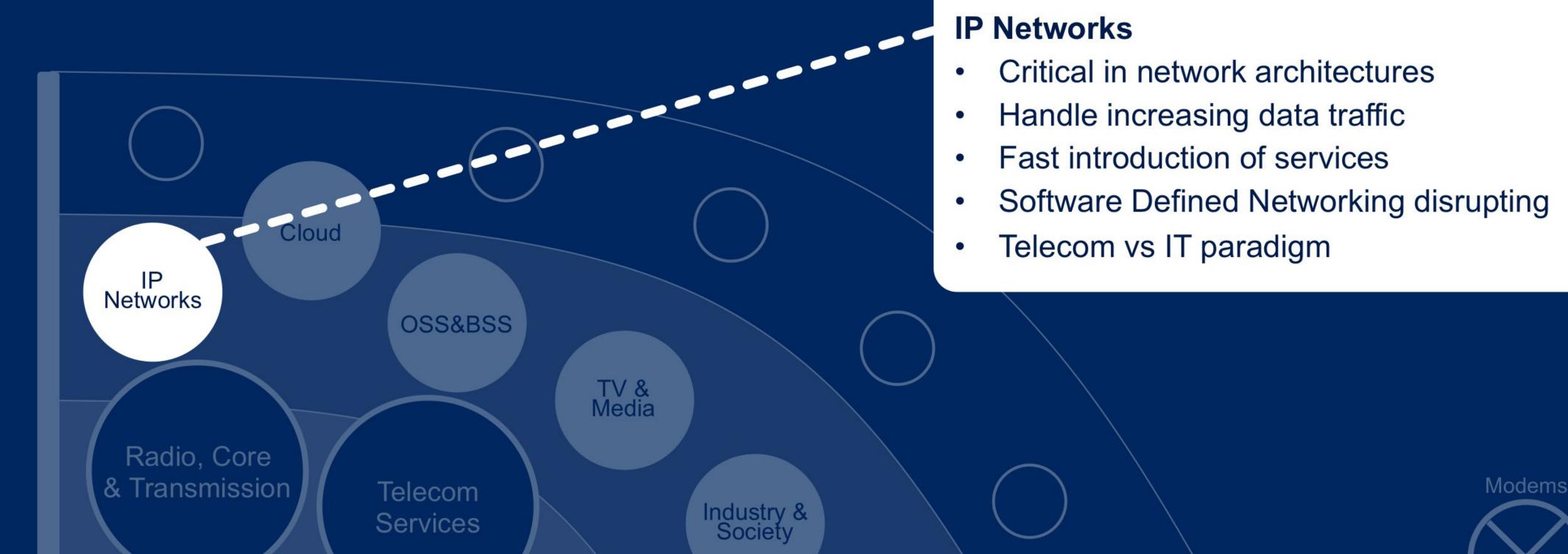
Expand business in new areas

This slide contains forward-looking statements. Actual result may be materially different.



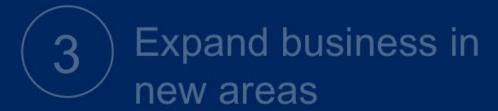
Future/

Emerging











Future/ Emerging

Cloud **Networks** OSS&BSS TV & Media Radio, Core & Transmission Telecom Industry & Society Services

#### Cloud

- High performance cloud
- Real time ubiquities services access
- Fast introduction of new services
- IT paradigm transforming network architectures
- Cloud and Network Function Virtualization market forming

Present/ Large





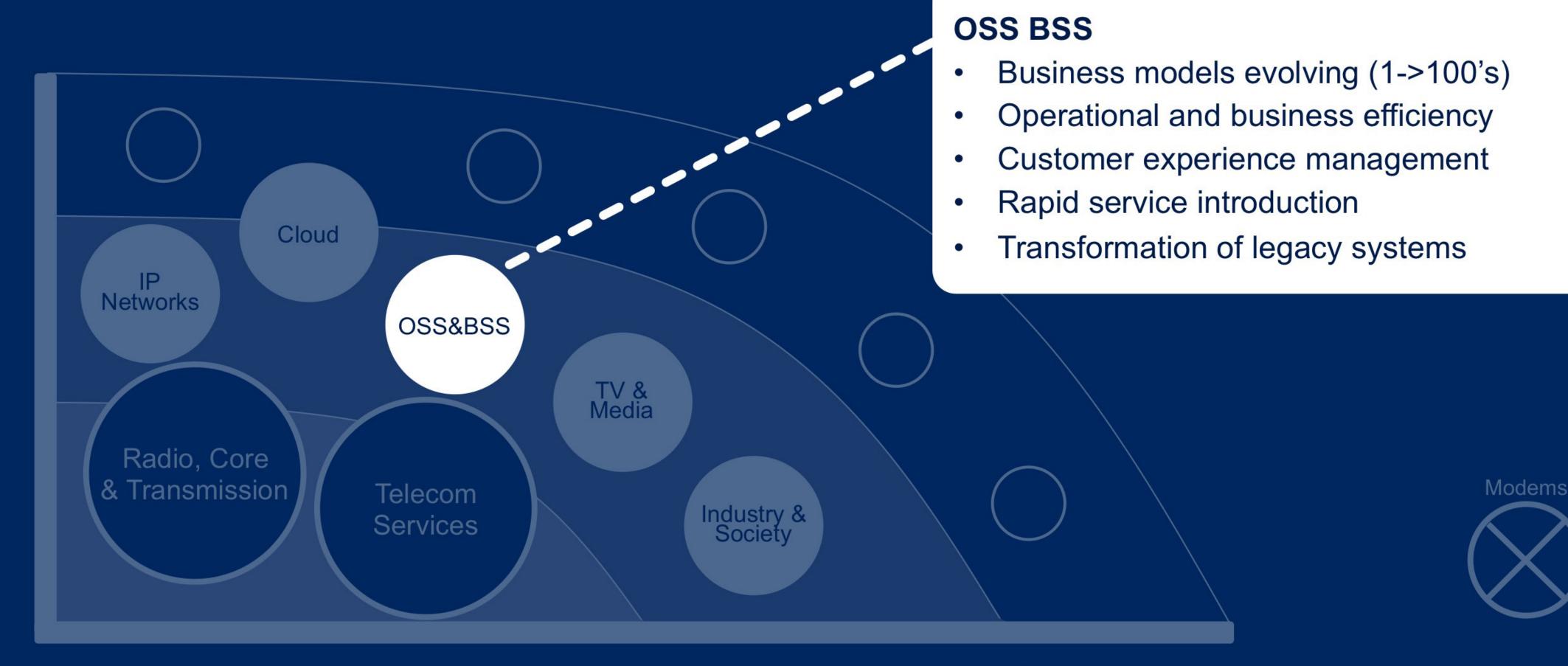
Excel in core business

- Establish leadership in targeted areas
- Expand business in new areas



Future/

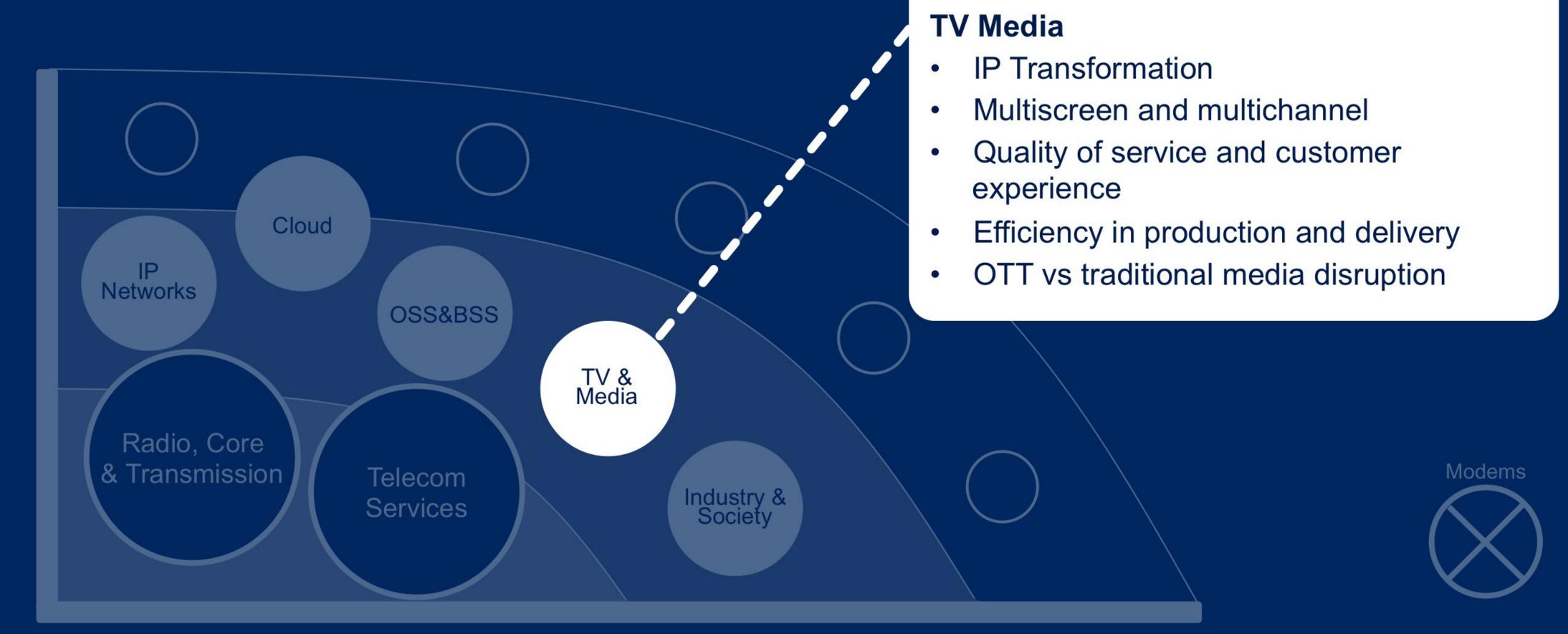
Emerging







Future/ **Emerging** 



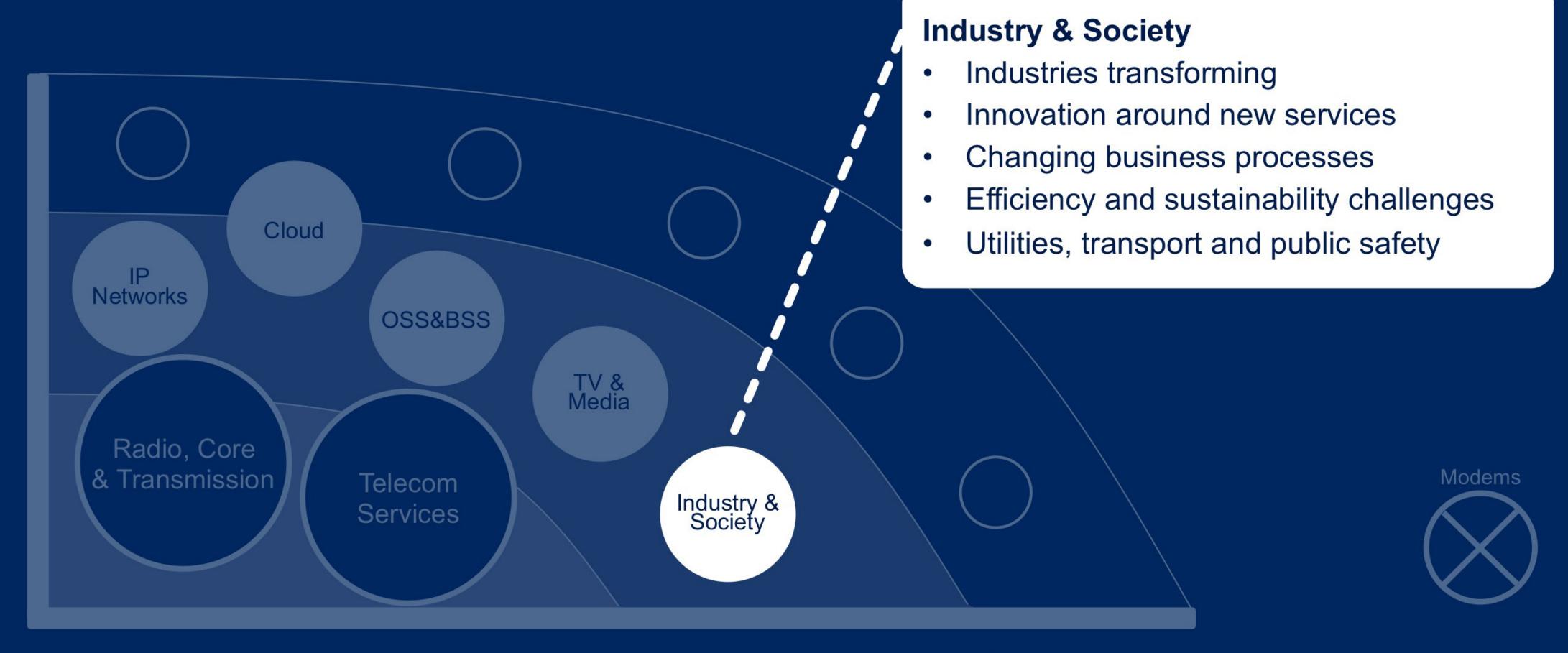








Future/ Emerging









## TRANSFORMING ERICSSON TARGETED AREAS



**IP Networks Partnerships and Alliances** Ciena, February 2014

**Networks** 

Future/ **Emerging** 

Cloud Acquisitions

OSS&BSS

MetraTech, July 2014 Apcera, September 2014 Sentilla, October 2014

Partnerships and Alliances

**OSS & BSS Acquisitions** 

Telcordia, October 2011 ConceptWave, September 2012 Devoteam, May 2013 Telcocell, September 2013 TeleOSS, September 2013

Partnerships and Alliances

Microsoft, February 2012

**Venture Investments** Cenx, August 2012

Present/ Large

Guardtime, September 2014

TV & Media **Acquisitions** 

Technicolor, July 2012 Mediaroom, September 2013 Azuki Systems, February 2014 Red Bee Media, May 2014 Fabrix Systems, October 2014

Radio, Core & Transmission

Telecom Industry & Society Services

TV & Media

**Industry & Society Acquisitions** 

Ambient, October 2014

Excel in core business

Cloud

Establish leadership in targeted areas



Expand business in new areas



Future/ Emerging

Cloud **Networks** OSS&BSS TV & Media Radio, Core & Transmission Telecom Industry & Society Services

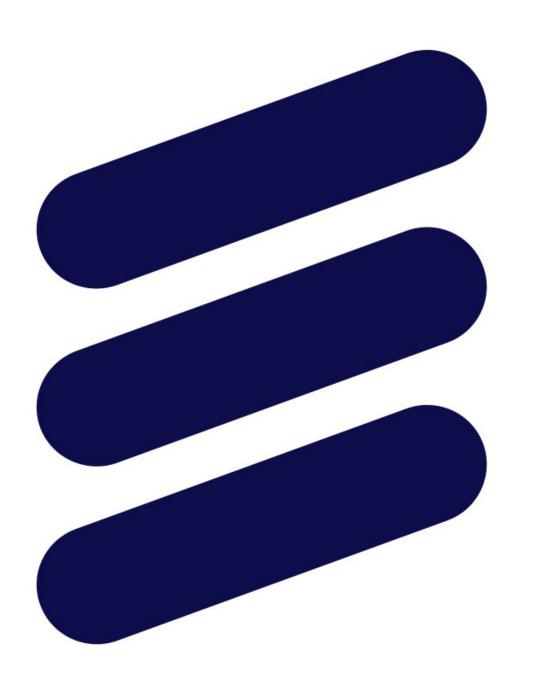
Modems

Present/ Large



2 Establish leadership in targeted areas

3 Expand business in new areas



## ERICSSON



## PacLOUD

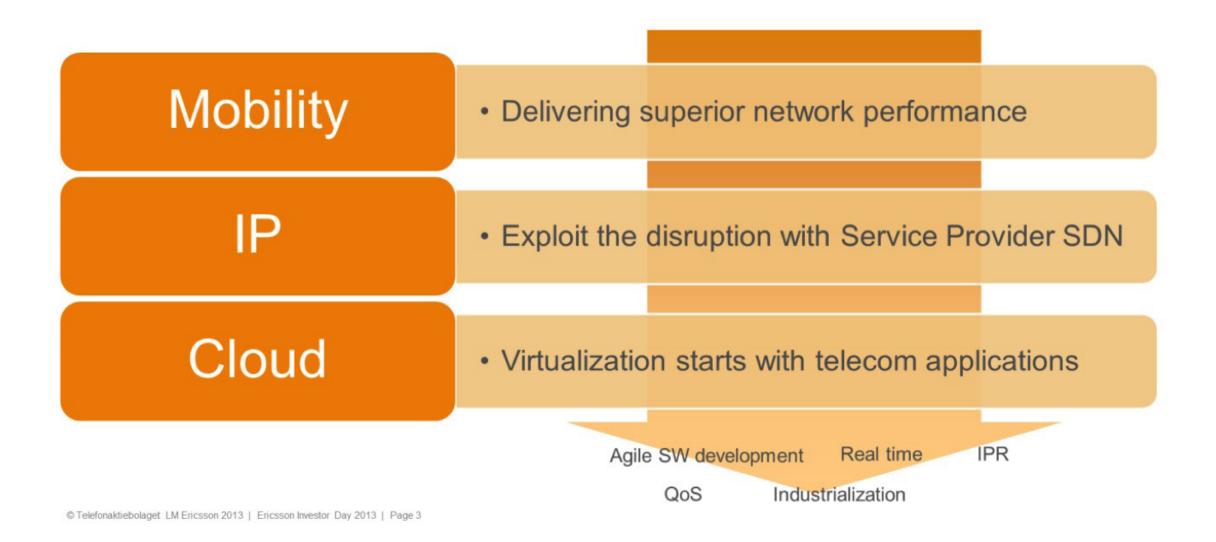
Head of Networks Johan Wibergh

## LEADING TRANSFORMATION THROUGH MOBILITY



2013 Investor Day

TRANSFORMATION = OPPORTUNITY



2014 Press release

PRESS RELEASE APRIL 24, 2014



#### NEW BUSINESS UNIT STRUCTURE TO SUPPORT NETWORKS GROWTH

- Business unit Networks will be divided, creating two new units to support growth strategy
- New business unit Radio will build on industry's most competitive radio portfolio to leverage leading position
- New business unit Cloud & IP to capture opportunities with virtualization for the IP and core portfolio based on number one position in telecom core networks
- Johan Wibergh, Executive Vice President, will assume new role as Head of Segment Networks and remain a member of Ericsson's Executive Leadership Team

Ericsson (NASDAQ:ERIC) today announced the establishment of two new business units in a move to accelerate transformation and support growth. The company will split current business unit Networks into two new units, business unit Radio and business unit Cloud & IP.

The change in organization will enable more focus on the needs of each business while maintaining an end-to-end view on the full networks operations.

## AGENDA



#### CLOUD

IP

## SHAPING THE INDUSTRY TRANSFORMATION

Today

Transformation journey

Tomorrow

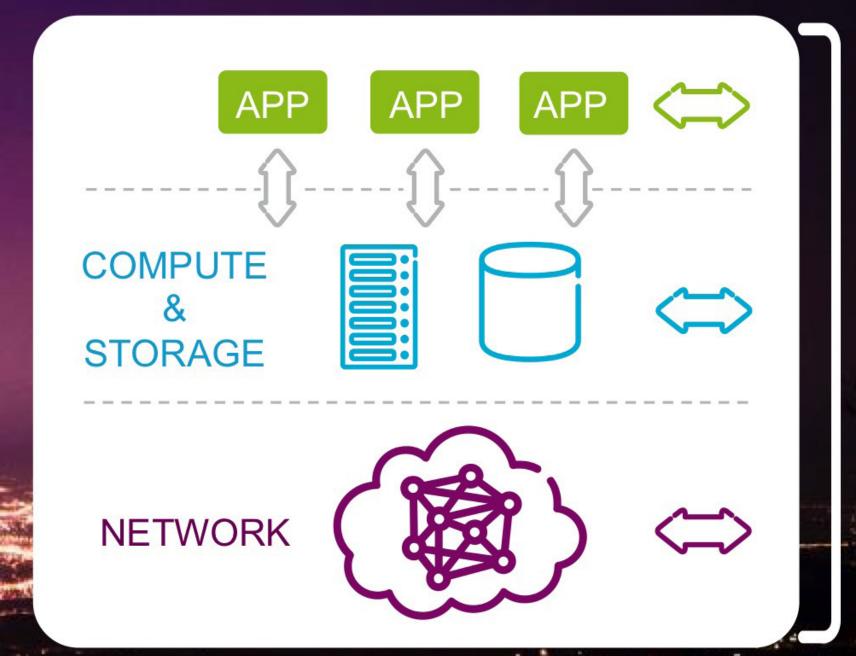
Global cloud based networks



Radically increased data volumes

"Providing cloud services to enterprise"

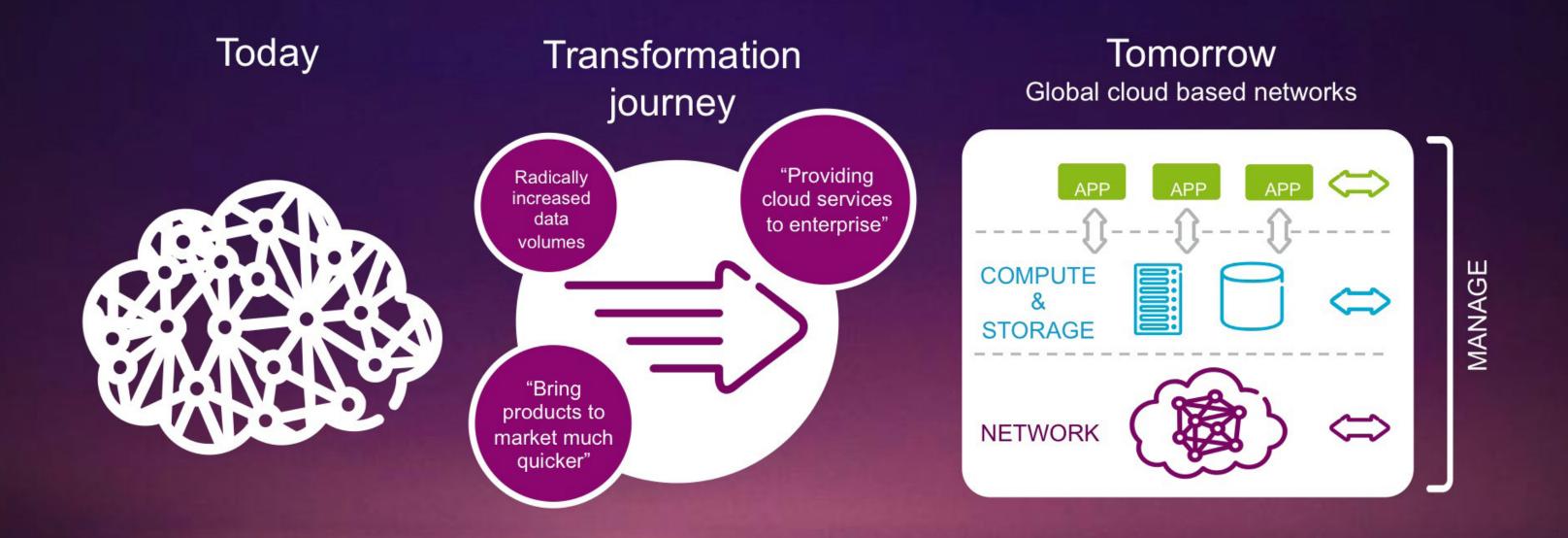
"Bring products to market much quicker"



**JANAGE** 

## SHAPING THE INDUSTRY TRANSFORMATION





Ericsson strengths

- Understanding of complexity and architecture
  Capabilities, competences
  Processes, methods and tools

## OPERATORS' THREE TRANSFORMATION JOURNEYS





Telecom Network
Transformation





## Operator Telecom Cloud

Virtualized network functions e.g vEPC, vIMS

#### **Operator IT Cloud**

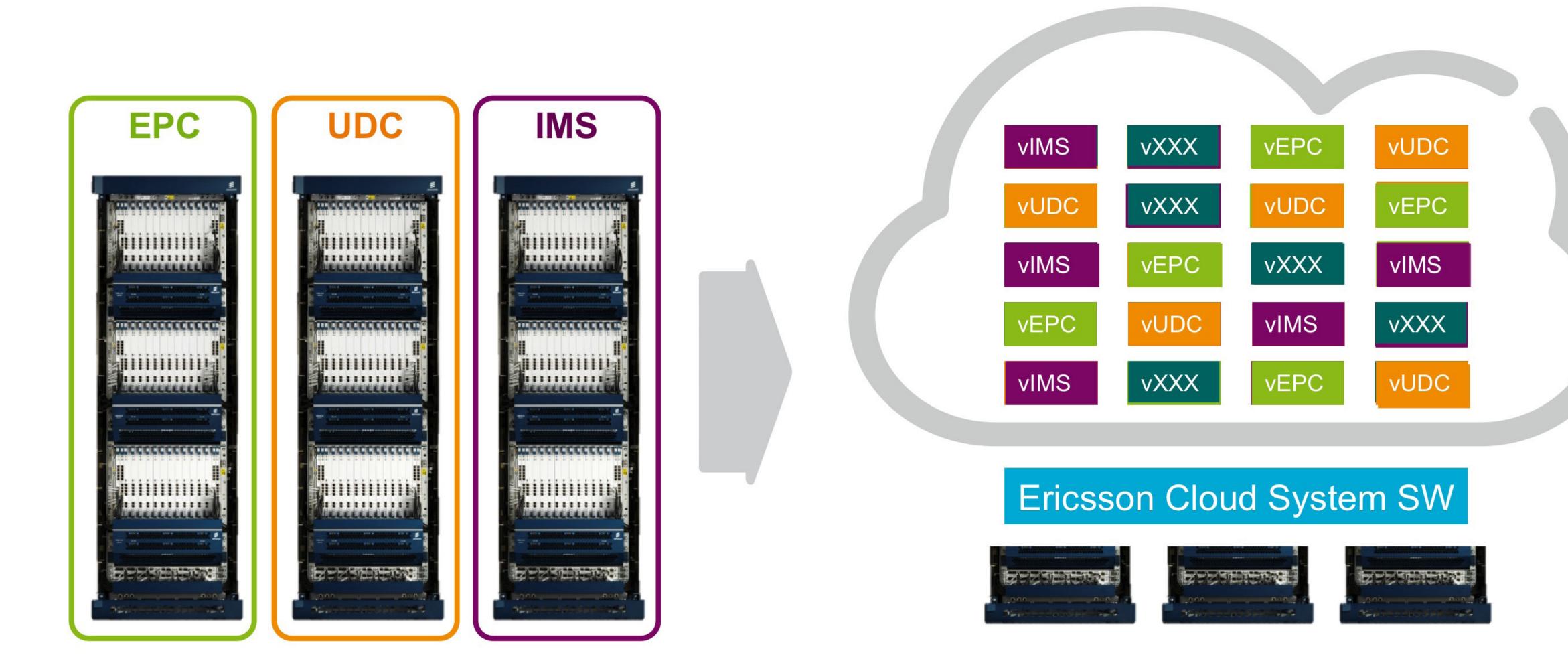
Virtualized IT functions for internal use e.g CRM, OSS/BSS

## Operator Commercial Cloud

Cloud offerings sold as a service (XaaS) e.g. Public cloud for enterprises

#### WHAT IS VIRTUALIZATION?

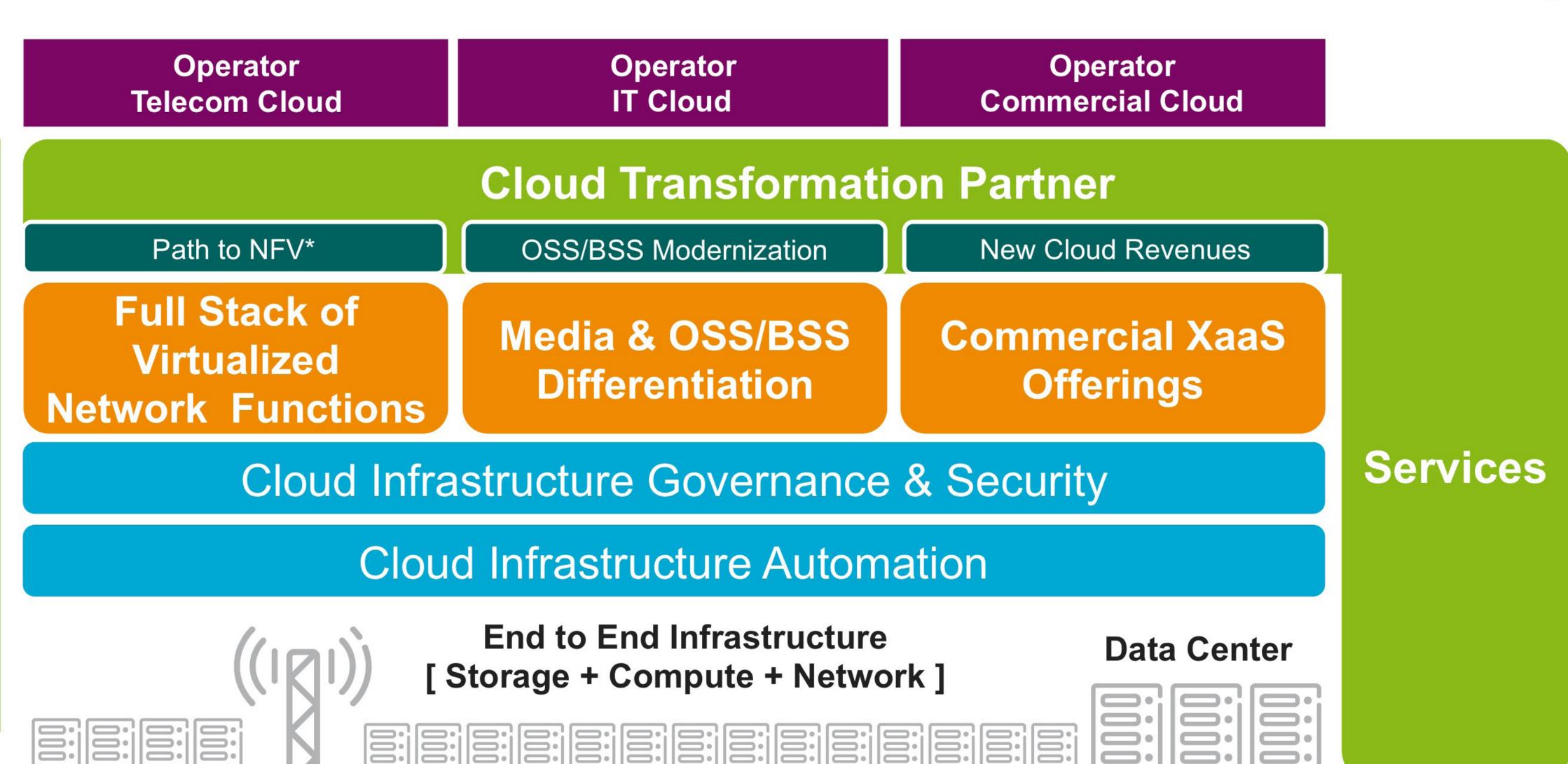




Ericsson Cloud System

## ERICSSON CLOUD OFFERING





<sup>\*</sup> Network Functions Virtualization

### BUILDING CLOUD CAPABILITIES



#### Capability & Investments

Cloud Developers Principal Solution Architects

Investment in 3 ICT Centers

Experts in Research,
Standards &
Technology Strategies

Acquisitions, Investments & Partners

Telcordia Mediaroom

Conceptwave

Apcera

Fabrix Mirantis

Guardtime

Sentilla A10 Networks

Metratech Intel Ciena

#### Innovation Competence & Capabilities

#### 1 billion

Subscribers managed by us

#### #1

Mobile infrastructure
OSS and BSS
Services
TV & Media Delivery

#### 35,000+

Granted patents

#### Industry Ecosystem



















#### CLOUD ACHIEVEMENTS



Operator Telecom Cloud

Operator IT Cloud

Cloud Transformation Partner

Path to NFV\*

OSS/BSS Modernization

New Cloud Revenues

Full Stack of
Virtualized
Network Functions

Media & OSS/BSS

Differentiation

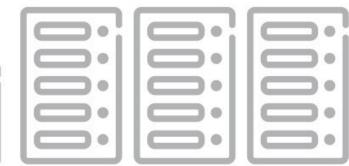
Commercial XaaS
Offerings

Cloud Infrastructure Governance & Security

Cloud Infrastructure Automation

End to End Infrastructure
[Storage + Compute + Network]

Services



**Data Center** 

#### ACHIEVEMENTS





Ericsson selected for AT&T future network strategy "User Defined Network Cloud" Vodafone Australia selected Ericsson for network evolution Ericsson successfully demonstrated multi-vendor proof of concept of NFV with NTT DoCoMo



Ericsson Cloud System launches: Cloud Manager and Execution Environment.

Launch of virtual Evolved Packet Core and virtual Multi-Service Proxy



Open Platform NFV (OPNFV) Certification Program



Cloud acquisitions and partnerships (e.g. Apcera, Guardtime, MetraTech)

## STRATEGY GOING FORWARD



Enable world leading cloud platform

Virtualize the core network applications

Leverage our services leadership

#### Wanted position 2020

#1 Operator Telecom Cloud (NFV) #1 Cloud Transformation Partner

Top 3 in Operator IT & Operator Commercial Cloud

#### SUMMARY



Platform initially for network functions virtualization (operator telecom cloud)

Definition

Building on our #1 position in Telecom core

Present position

Early market for network functions virtualization.

Driven by need for speed, efficiency and innovation

Market outlook

#1 Operator Telecom Cloud (NFV)
#1 Cloud Transformation Partner
Top 3 in Operator IT & Operator Commercial
Cloud

Wanted position

Telecom vendors, IT vendors, Niche vendors

Competition

Enable world leading cloud platform Virtualize the core network applications Leverage our services leadership

Strategy

Growing from #1 position in Telecom core

#### KEY TAKEAWAYS - CLOUD



Why - invest

Todays netwoks need to be modernized and transformed to handle the increasing traffic volume and requirements in the Networked Society. These requirements drive need for speed, agility and efficiency.

What - offer

Ericsson Cloud System (ECS) is an enabler to position Ericsson as the preferred Cloud Transformation Partner. We use ECS components, our virtualized network functions and know-how to support our customers when they develop their networks and businesses. What we do is bring the reliability, security and control of mobile networks to the cloud.

How - success

We will reach our ambitions by leveraging on our leadership and installed base in core networks and in services, starting by virtualizing the core network functions. We have a unique position with our experiences from managing and transforming complexity, and already today deliver on superior performance SLAs in real time networks.

## AGENDA



CLOUD

IP

#### ACHIEVEMENTS & CHALLENGES



#### Current realities

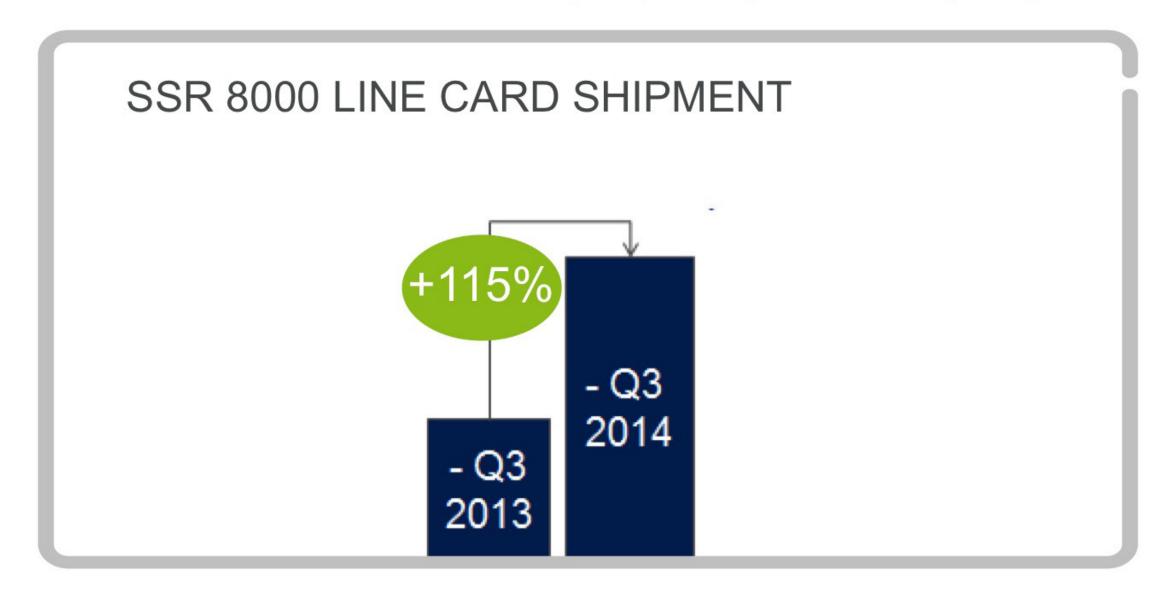
- Competitive R&D capability
- Expert sales force in place
- #1 in mobile packet core
- Good traction with IP portfolio and solutions
- Multiple Service Provider SDN engagements

#### Key remaining challenges

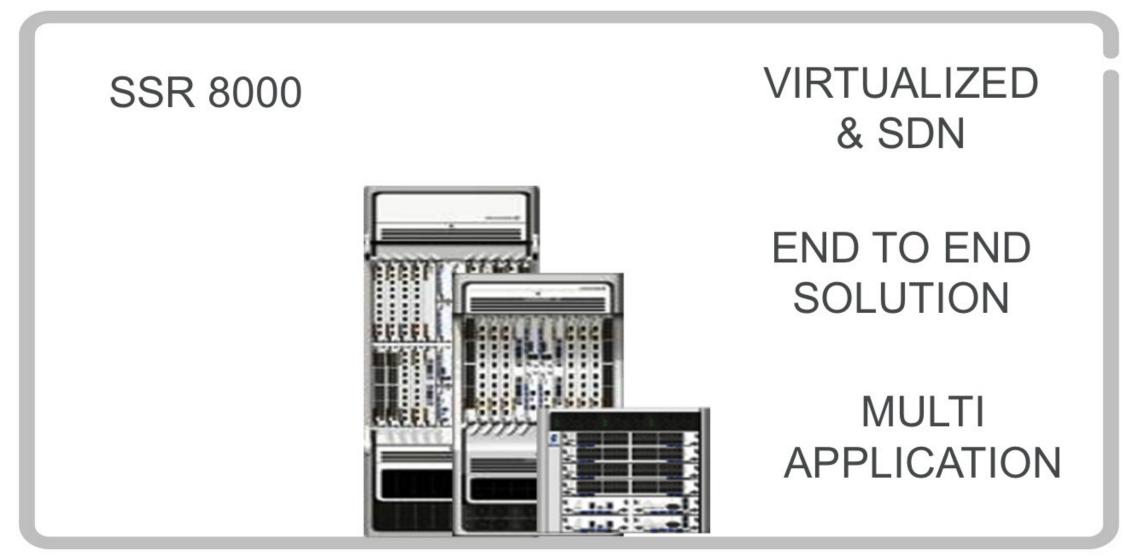
- Increase market share
- More tier one customers
  - Convert Service Provider SDN trials to commercial deployments

### PROGRESS & ACCOMPLISHMENTS











#### WHERE IS SERVICE PROVIDER SDN?



Operator **Telecom Cloud** 

Operator IT Cloud

**Operator Commercial Cloud** 

#### **Cloud Transformation Partner**

Path to NFV

**OSS/BSS Modernization** 

New cloud revenues

Media & OSS/BSS Differentiation

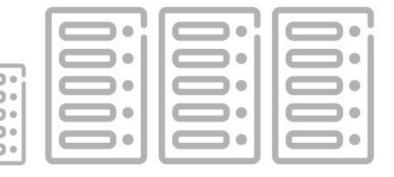
Cloud Infrastructure Governance & Security

#### Service-Provider Software Defined Networking



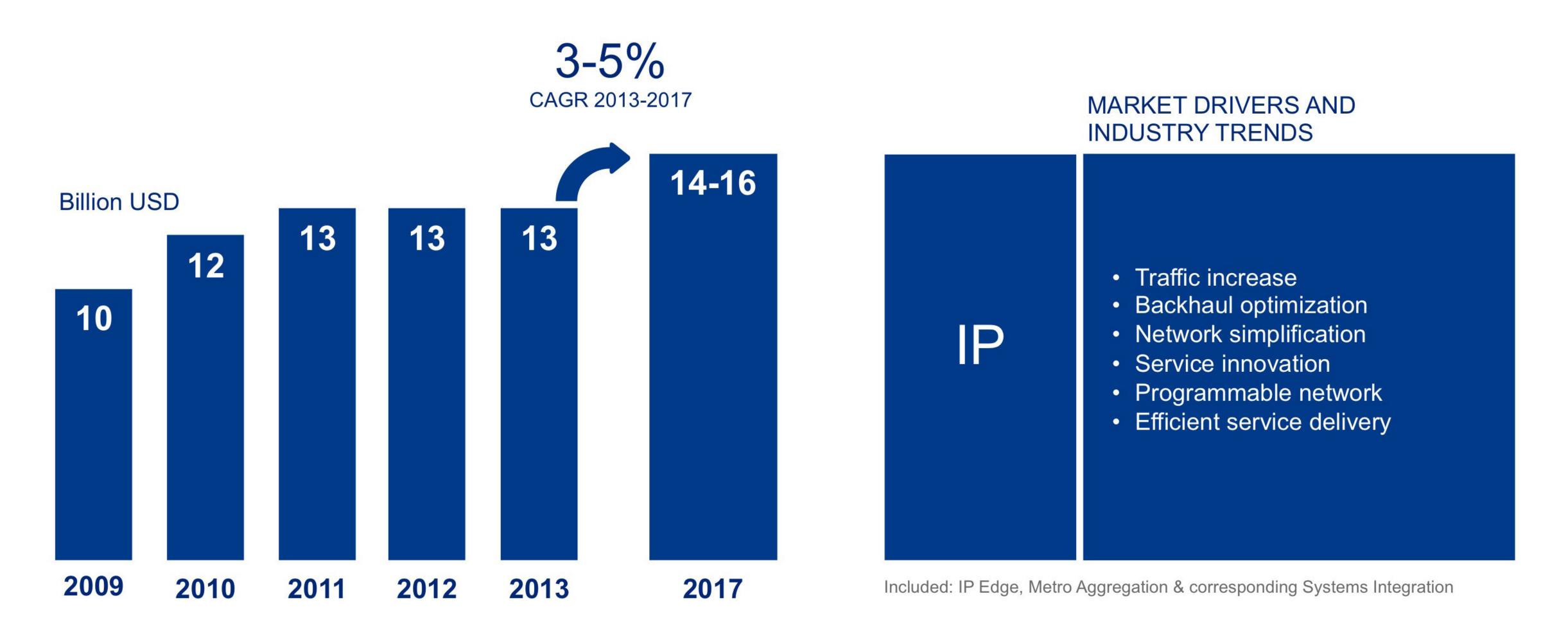
**End to End Infrastructure** [ Storage + Compute + Network ]

**Data Center** 



### MARKET DRIVERS AND OUTLOOK





Low single-digit market share in a significant and growing IP market

## STRATEGY GOING FORWARD



Complete IP Portfolio end to end approach

Leverage OSS and Radio installed base

High attention on sales execution

Wanted position 2020

Top 3 in IP networking for operators

### SUMMARY



IP Edge, Metro Aggregation, Systems integration

DEFINITION

Low single-digit market share #1 in IP routing for mobile packet core Early with multiple Service Provider SDN engagements

PRESENT POSITION

CAGR 2013-2017: 3-5 %
A 14-16 billion USD market 2017
All numbers including SDN

MARKET OUTLOOK

Top 3 in IP Networking for operators

WANTED POSITION

Alcatel-Lucent, Cisco, Huawei, Juniper Mixed solution approach

COMPETITION

Complete IP Portfolio e2e approach Leverage OSS and Radio installed base High attention on sales execution

STRATEGY

CAGR 2013-2017: 3-5 %

### KEY TAKEAWAYS - IP



Why - invest

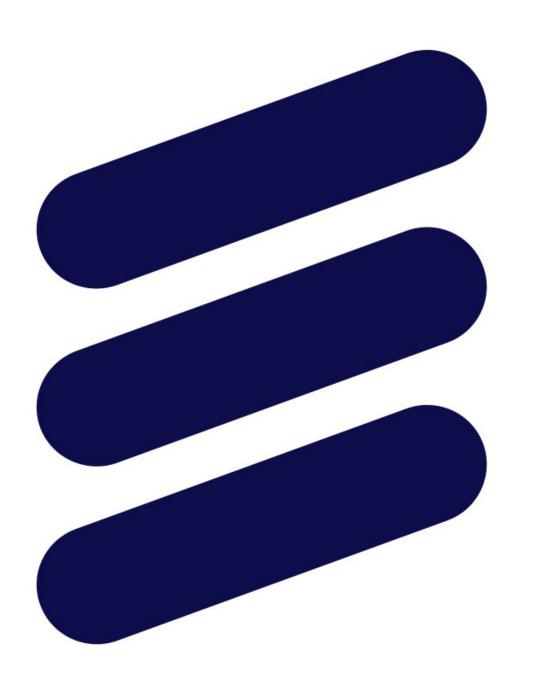
The IP networks market is a significant market of around 13 b USD which, with the introduction of SP-SDN, will grow with 3-5% annually. The introduction of of SP-SDN enables great opportunities for rapid changes in the market.

What - offer

We offer solutions for operators to manage and transport IP traffic in the telecom network.

How - success

- Ericsson has unique experience of mobility and a market leader position in packet core
- We have invested in a new portfolio, sales capabitlities and have the service capabitlities to run large and complex transformation projects



# ERICSSON



## OPERATIONS AND BUSINESS SUPPORT SYSTEMS (OSS AND BSS)

Head of Support Solutions Per Borgklint

# SHIFT FROM VOICE TO DATA DRIVES SOPERATOR TRANSFORMATION



From...

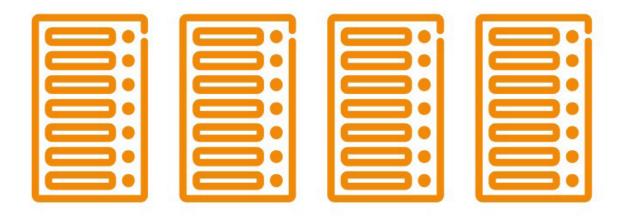






SMS

INTERNET



MULTIPLE SYSTEMS

To...











FILE SHARING

MAIL

TV & VIDEO M-LEARNING











E-COMMERCE MUSIC MONEY TRANSFER E-BOOK



UNIFIED OSS and BSS SYSTEMS & TRANSFORMATION

## INDUSTRY TRENDS IN OSS AND BSS



PERSONALIZED EXPERIENCES



**NEW BUSINESS MODELS** 



EXTREME OPERATIONAL EFFICIENCY



INVEST IN INNOVATION



# OSS AND BSS MUST EVOLVE TO MEET THE NETWORKED SOCIETY DEMANDS





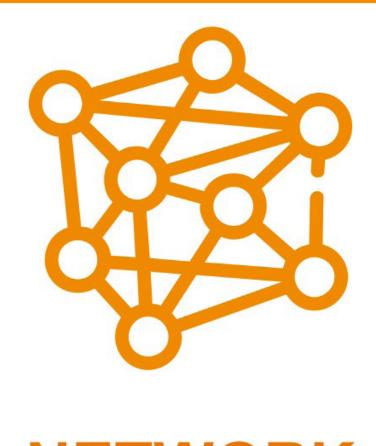
**CUSTOMERS** 

Customer interaction



**SERVICES** 

New service launch



**NETWORK** 

Cloud orchestration

OSS and BSS are essential in enabling agility and driving growth in existing value chains and innovation in new business models

Examples

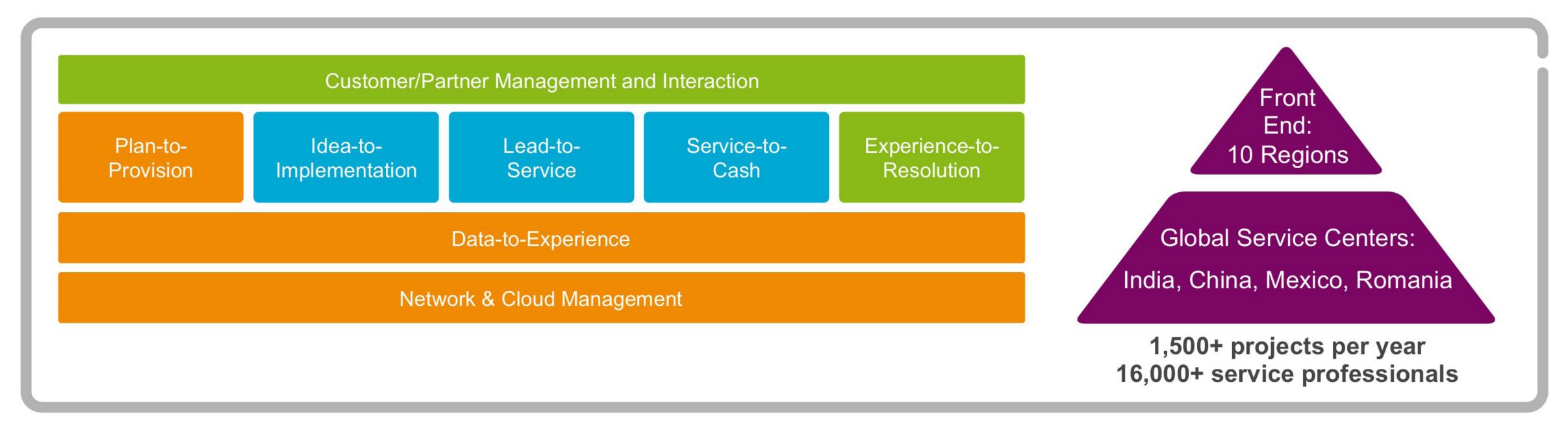
# PROCESS BASED PORTFOLIO AND GLOBAL DELIVERY CAPABILITIES







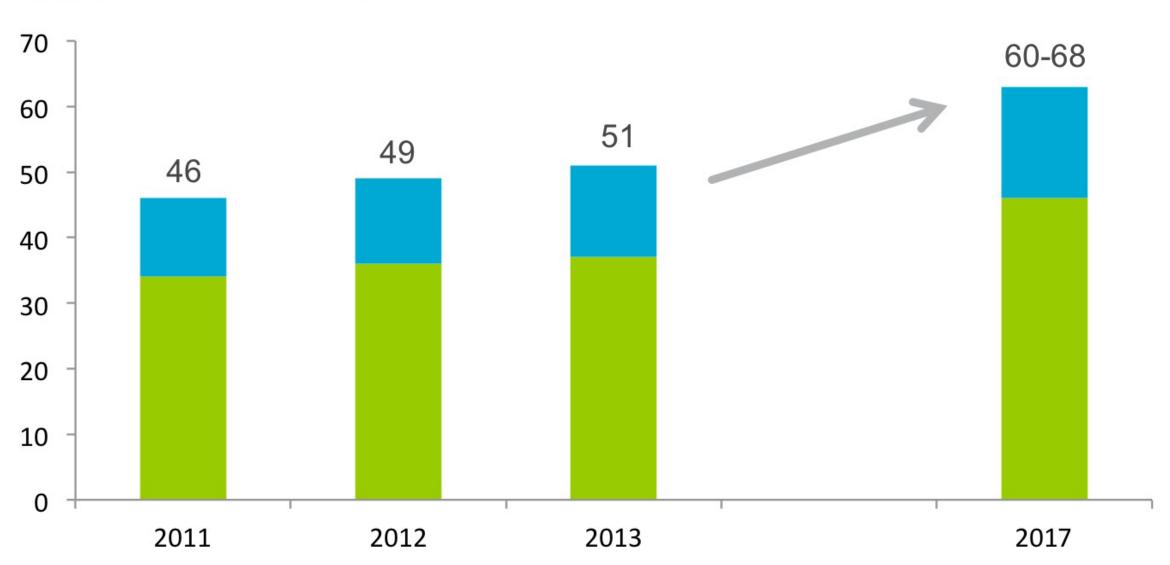




# OSS/BSS MARKET DRIVERS AND OUTLOOK







<sup>\*</sup> Including Service Enablement, Domain Management and SI & Outsourcing. Excluding Support and Consulting.

#### Market drivers and Industry trends

Software

- End-user experience is becoming critical for operators
- Market moving from best-of-breed to best-of-suite to reduce complexity and opex spend

Services

- Operators striving to transform to reduce opex and improve customer experience
- Network competence increasingly important

Competition

Accenture, Huawei, IBM, Amdocs, Netcracker, Comverse

CAGR 2013-2017: 5-7%

### OSS AND BSS MARKET POSITION





.....

•••

16,000 Consulting and SI professionals

## Working with the world's leading operators

9000 OSS systems in operation >2.1 BILLION SUBS

Served by Ericsson Charging and Billing

RANKED #1
WORLDWIDE FOR

- > OSS
- > BSS
- > Service Delivery and services

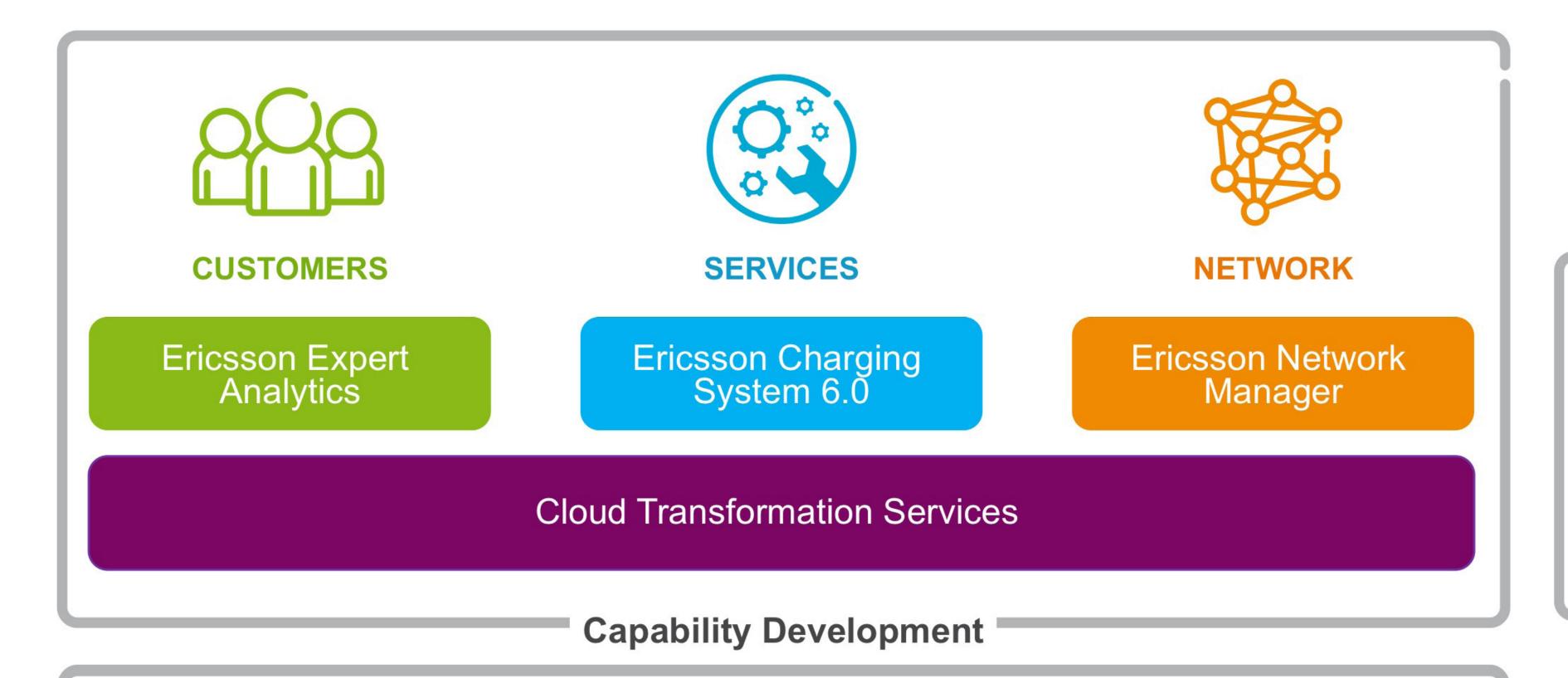
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# SIGNIFICANT PROGRESS IN 2014 TO REINFORCE #1 POSITION

CenturyLink





T-Mobile



Contract wins

TeliaSonera

### STRATEGY GOING FORWARD



### Strategy going forward

Reduce network complexity with our evolved pre-integrated OSS and BSS software suite

Expand suite into cloud, analytics, new verticals and SaaS models

Extend world-class business process transformation consulting practice

Leverage scale through global sales & delivery model for professional services

### Wanted position

# Preferred ICT transformation partner

- Extend #1 position in Telco
- > Expand ICT professional services
- > Established position in Verticals

### SUMMARY



Operations and Business Support Systems

Definition

#1 position in global software and services

Present position

Market size 2013: USD 51 b. CAGR 2013-2017: 5-7%

Market outlook

Preferred ICT transformation partner

Wanted position

Accenture, Huawei, IBM, Amdocs, Netcracker, Comverse

Competition

Evolve pre-integrated software suite and business transformation practice

Strategy

### KEY TAKEAWAYS - OSS AND BSS



Why - invest

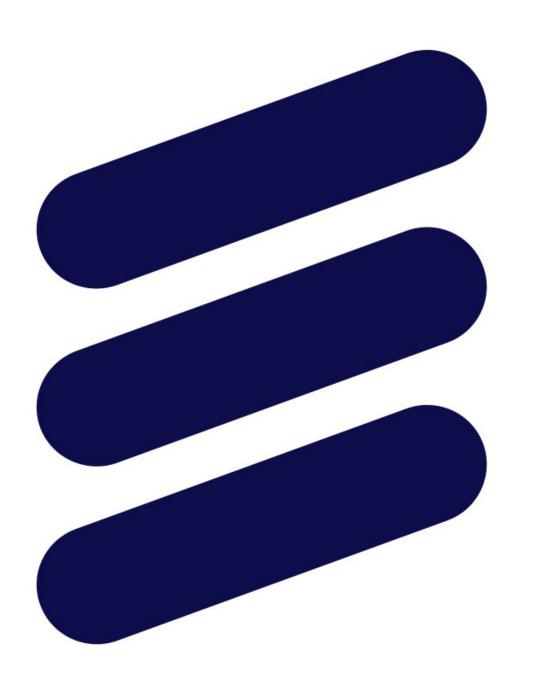
The IT systems of the telecom networks of today are built to handle traditional telecom services such as voice and SMS. With mobile broadband and introduction of virtualized networks (NFV/SDN) these IT systems need to rapidly transform to enable operators to capitalize on the new digital economy and ecosystem.

What - offer

We sell OSS and BSS software solutions and professional services to enable our customers to become more agile in managing their customers, services, network and ultimately their business.

How - success

- We are market leaders in OSS and BSS.
- We have extensive experience of the telecom market and have invested in a complete OSS and BSS portfolio. This combined with our long customer relationships and global service capability we have a strong offering to operators to manage their OSS/BSS evolution.



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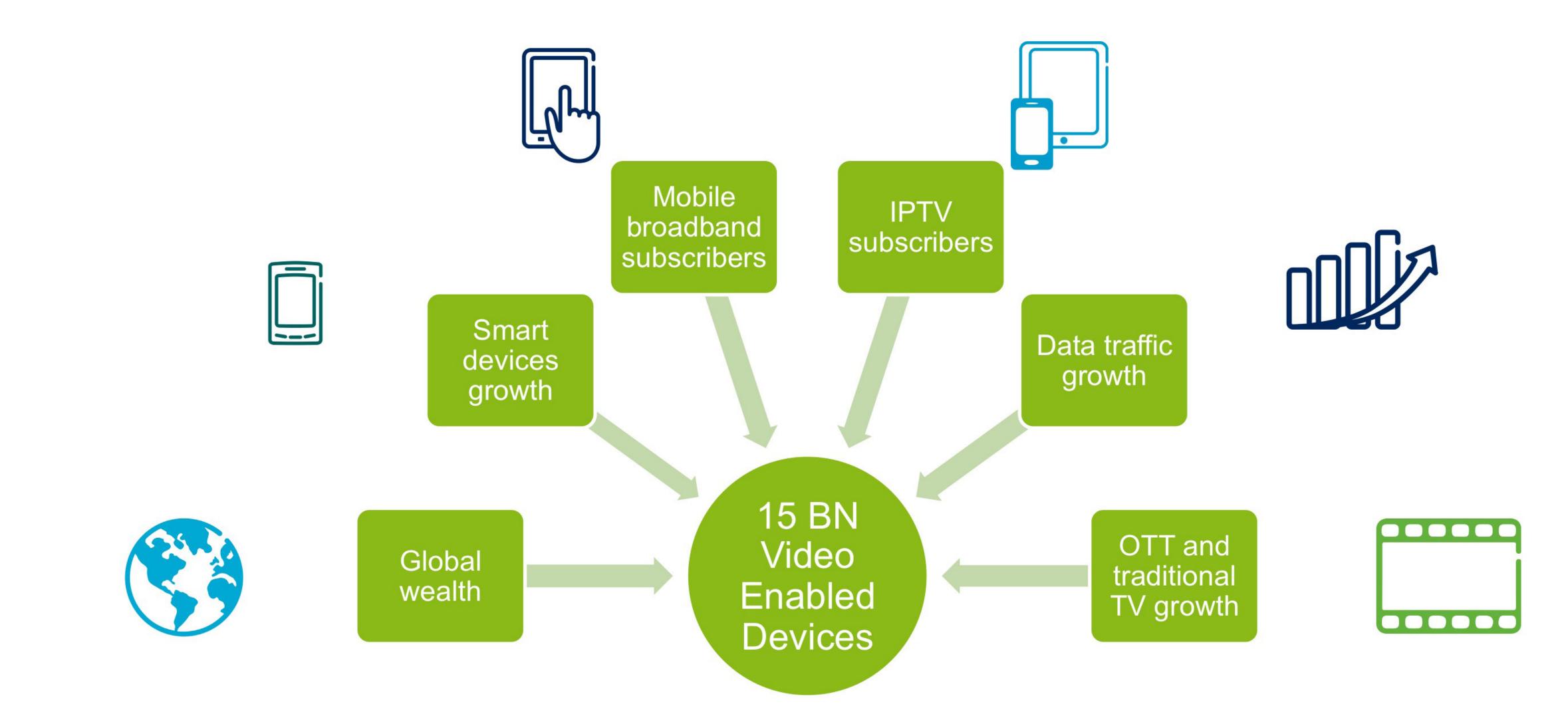


## AICIEM & VIEDIA

Head of Support Solutions Per Borgklint

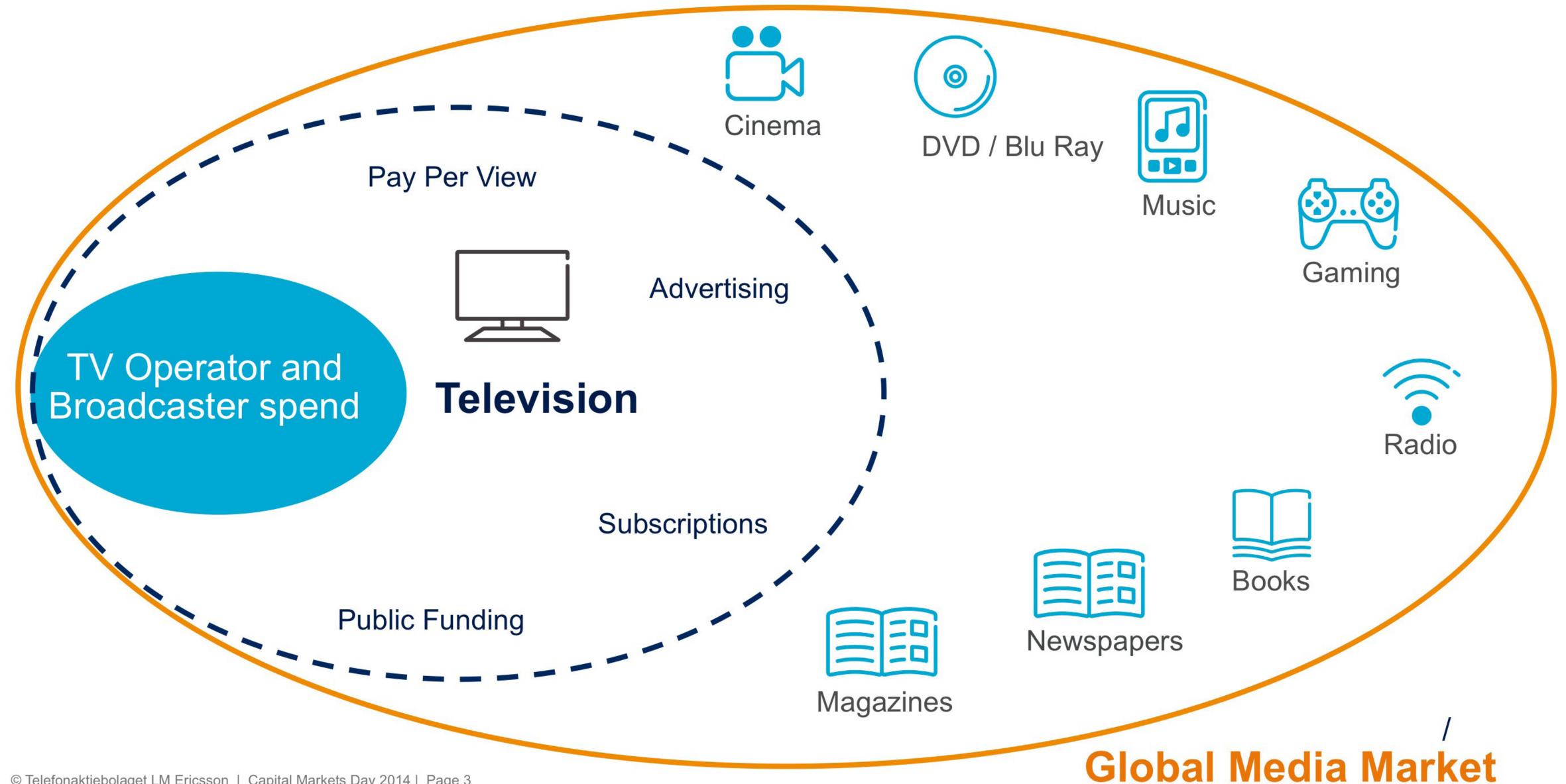
## GLOBAL GROWTH MEDIA CONSUMPTION





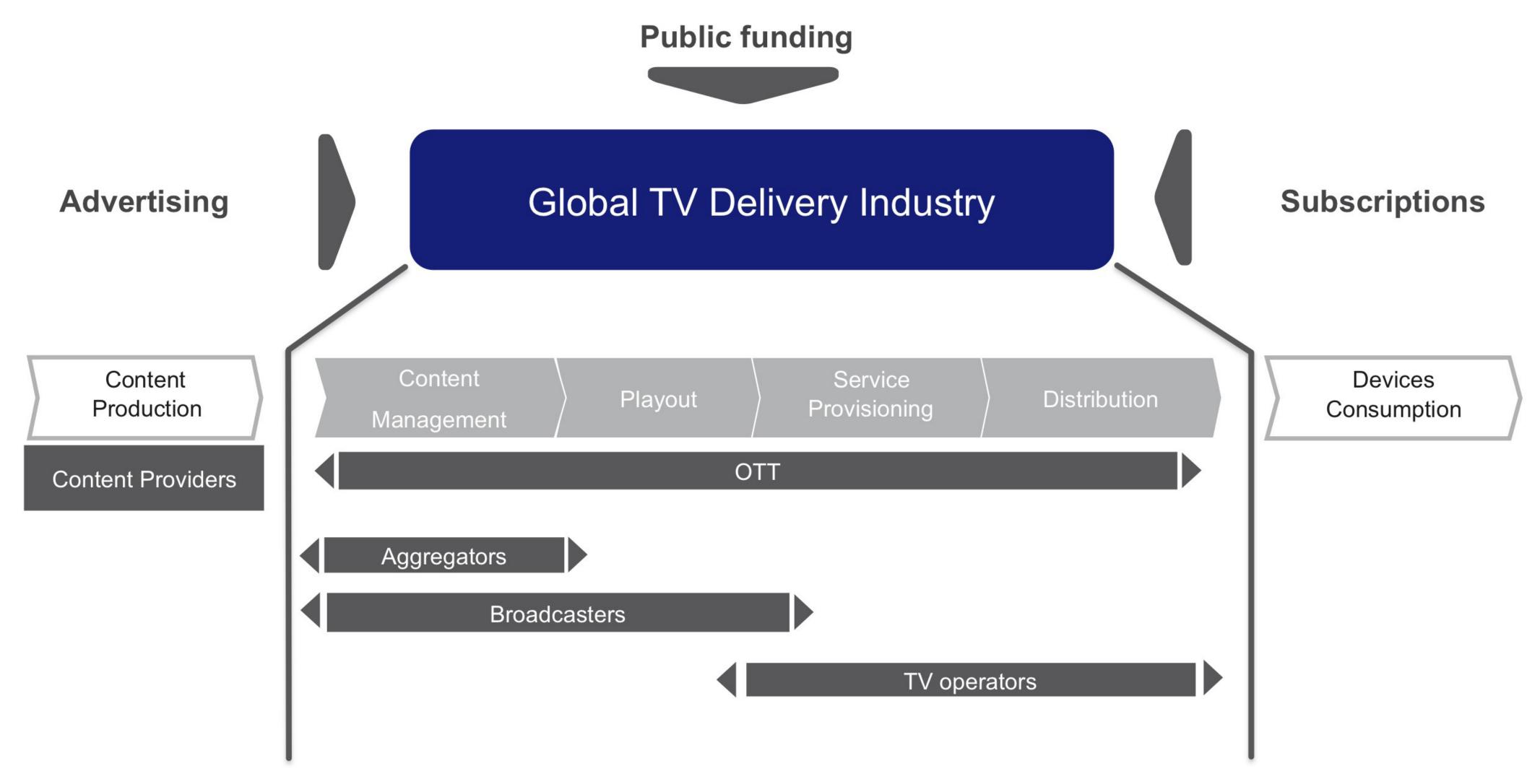
### MEDIA INDUSTRY TRANSFORMATION





### TV & MEDIA INDUSTRY OVERVIEW





# ERICSSON HAS SECURED A LEADING MARKET POSITION





#1

Globally deployed IPTV platform, delivering services to 17M subscribers in 32 countries



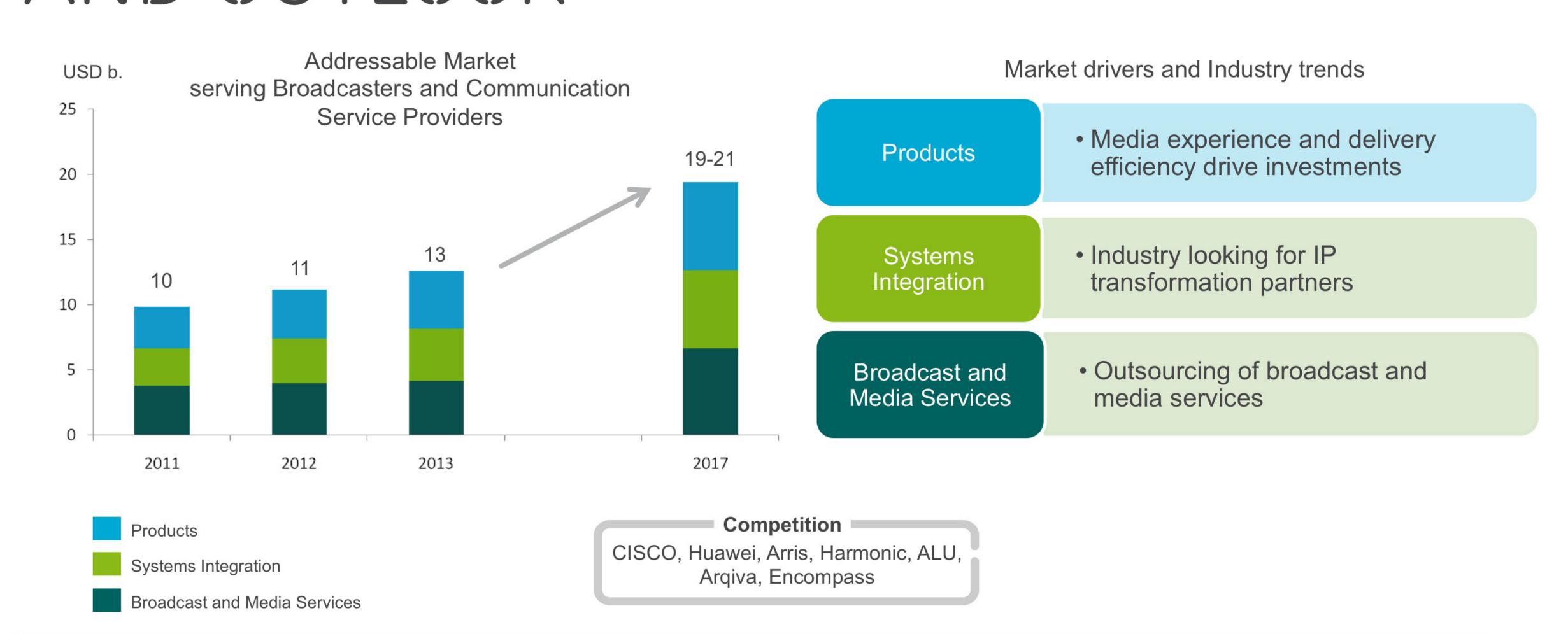
Provider of broadcast services, managing over 500 linear and OTT channels delivering 2.7M hours of content annually



Awards for TV technology, including 5 Technical Emmy Awards

# TV & MEDIA MARKET DRIVERS AND OUTLOOK





CAGR 2013-2017: 11-13%

### KEY PROGRESS DURING 2014



### **Capability Development**

- > TV Platforms
  - Ericsson MediaFirst TV Platform
- > Video Processing
  - Ericsson Virtualized Encoding
- > Broadcast and Media Services
  - Ericsson Live Subtitling
  - Ericsson Cloud enabled Media
     Management

#### **Key customers**

- > France 24, France
- BBC, UK
- Channel 4, UK
- > MTV, Finland
- NBC Olympics

### Acquisitions







Search

## ERICSSON MEDIAFIRST

ERICSSON =

LiveTV You

Resume

Favorites

Video will be added

▶

Rentals

You Might Like



The Butler Press INFO for detail

0



Man of Steel 43 min left



Breaking Bad 11 min left



Drive 58 min left



Skyfall 49 min left



Mad Men 22 min left

The

15 m

### STRATEGY GOING FORWARD



### Strategy going forward

Strengthen leadership position in IPTV platforms building on existing footprint

Establish a differentiated position in videocentric networks

Excel in video transformation through our end to end professional services capabilities

Leverage our global reach, services and technology leadership

### Wanted position

The leader in the IP transformation of TV & Media

### SUMMARY



TV and Media for Telcos, Cable and Broadcasters

Definition

Market leader in IPTV platforms, compression & broadcast and media services

Present position

Market size 2013: USD 13 b. CAGR 2013-2017: 11-13%

Market outlook

The leader in the IP transformation of TV & Media

Wanted position

CISCO, Huawei, Arris, Harmonic, ALU, Arqiva, Encompass

Competition

Leverage our global reach, services & technology leadership to succeed in TV & Media

Strategy

### KEY TAKEAWAYS - TV AND MEDIA



#### Why - invest

What - offer

video and we expect the consumer demand to continue.

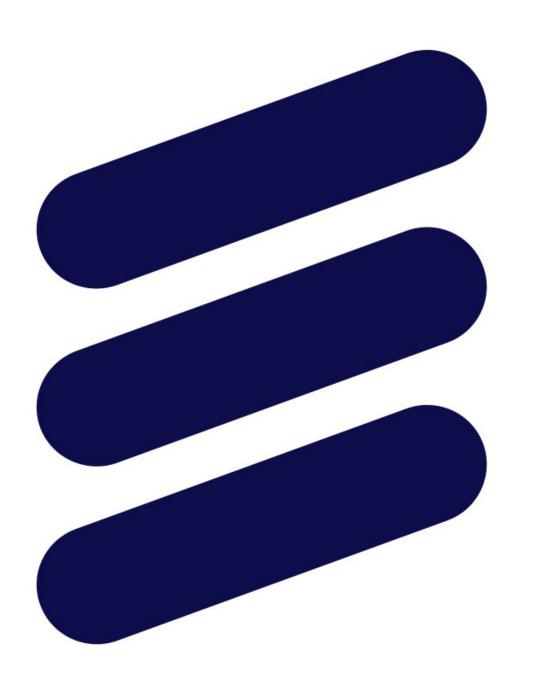
This will generate a growth of video data traffic in the mobile network to increase 10 times

Today about 40% of the data transfered in the mobile networks are

- Convergence between Media, IT and Telecom happening rapidly
- Our capabililities span the entire TV value chain.
- We offer products and solutions for IPTV platforms, media delivery and compression as well as broadcast and media services

#### How - success

- We are market leaders in IPTV platforms, compression and broadcast services
- We will levereage our global reach, services and technology leadership



# ERICSSON



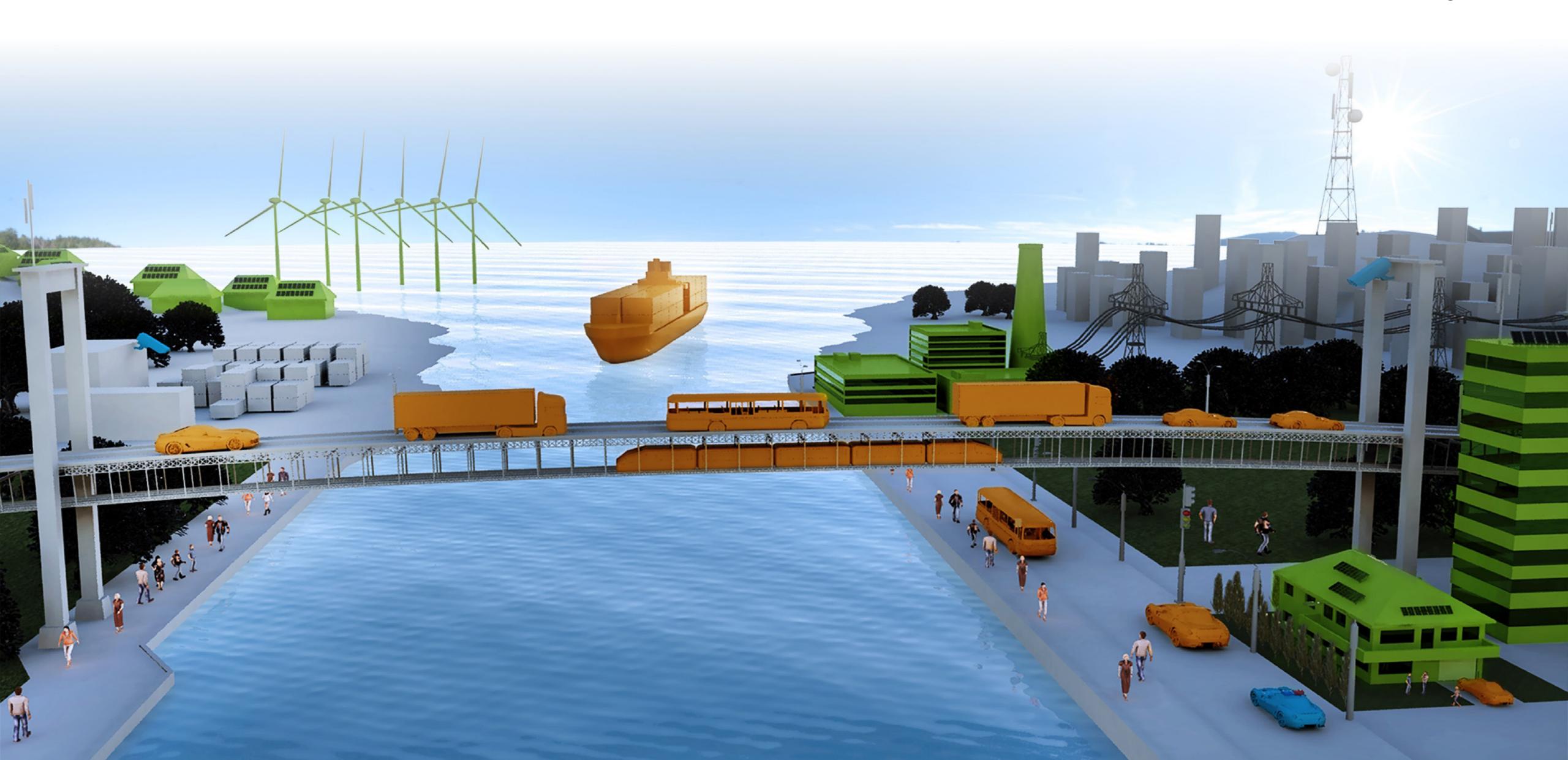
## INDUSTRY & SOCIETY

Head of Region Northern Europe & Central Asia, Charlotta Sund

Head of Global Services, Magnus Mandersson

## MOBILITY IS CHANGING THE WORLD







# 30+ SIGNIFICANT DEALS DURING THE LAST TWO YEARS



HYDRO QUÉBEC SMART METERING



SAO JOSE DOS CAMPOS

DISASTER AND EMERGENCY MANAGEMENT

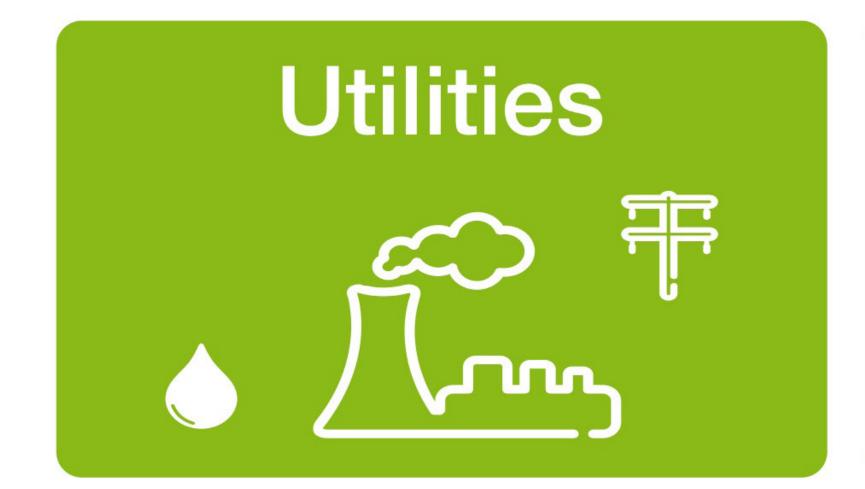


VOLVO CARS
CONNECTED VEHICLE



### 3 FOCUS INDUSTRIES









### WHY INVEST IN INDUSTRY & SOCIETY?



#### Selection criteria

Re-use of core capabilities

Concentrated market

Global replicability

Large and complex customers

Mobility enabled disruptive shift

### WHY ERICSSON?



### Transformation partner

ICT technologies

Global operations

End-to-end responsibility

Managing complexity

Technology & services leadership Global presence & scale

### MARKET DRIVERS



Sustainability

Urbanization

Safety

### Innovation

- Business models
- Value chains

# CO-OPETITIVE LANDSCAPE



IT Consultants and Solution Providers

ICT Infrastructure Vendors

Industry Specific Players

### INDUSTRY & SOCIETY



Utilities

Transport

**Public Safety** 

#### Leverage on

- Existing products and services
- Global delivery model
- People and skills

#### Investments

- Industrialize portfolio
- Recruit industry experts
- Build brand
- Targeted acquisitions

First case

Build best practice

Replicate and scale

We are together transforming the targeted industries by leveraging our existing products and services

### SUMMARY



Focus on Utilities, Transport and Public Safety

Definition

Transformation partner across Business, Networks and IT

Present position

Large, fragmented market with good growth

Market outlook

Preferred partner in selected industries

Wanted position

From IT, telecom vendors and industry specific vendors

#### Competition

- Extend capabilities
- Strengthen portfolio
- Establish awareness

Strategy

# KEY TAKEAWAYS INDUSTRY AND SOCIETY



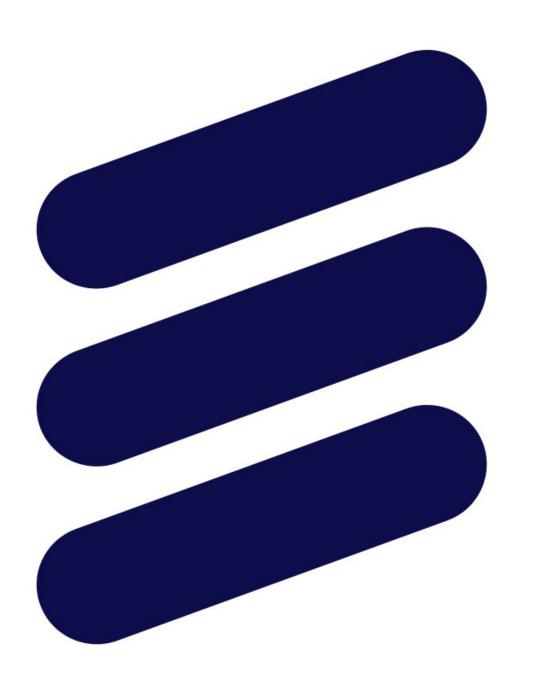
### Why - invest

What - offer

- Many industries are transforming with the Networked society and companies are exploring new opprortunities and seek for mobile solutons.
- Customers are often large complex that require services expertiese and ability to complex projects. This suits Ericsson capabilities.
- We reuse our existing telecommunicationportfolio (product and services) and mainly sell to three industries – Utility, Transport and Public safety

How - success

We have the portfolio, capability and experience to support other industries go mobile. We will further industrialize our portfolio and capabilities. We have established business in this segment in three regions and will now focus on bring this business to all our ten regions.



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### RESOURCE ALLOCATION

Head of Strategy Rima Qureshi

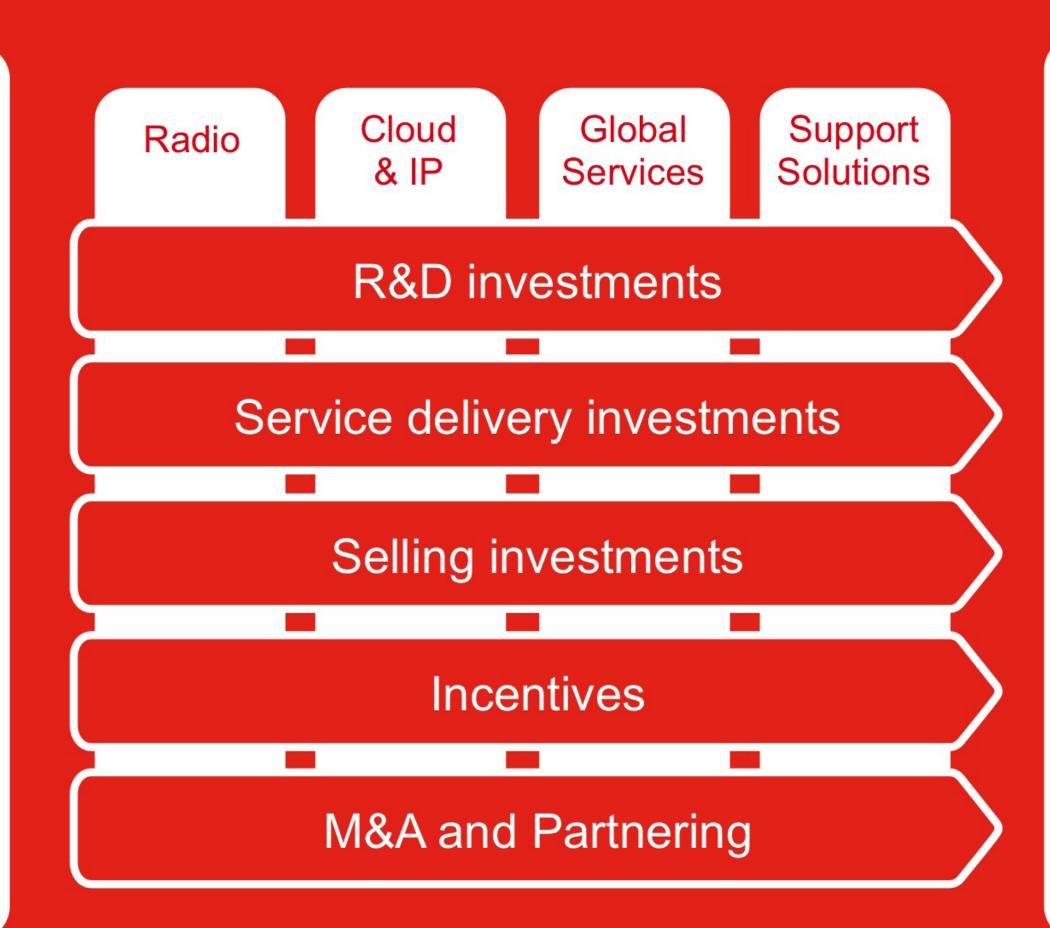
### RESOURCE ALLOCATION



#### **Ericsson Today**

Technology and services leader in telecoms

- Leadership positions
  - # 1 in Mobile Networks
  - # 1 in OSS and BSS
  - # 1 in Services
  - # 1 in Media Delivery, IPTV
- Competitive assets
  - Technology leadership
  - Services leadership
  - Global scale & skills

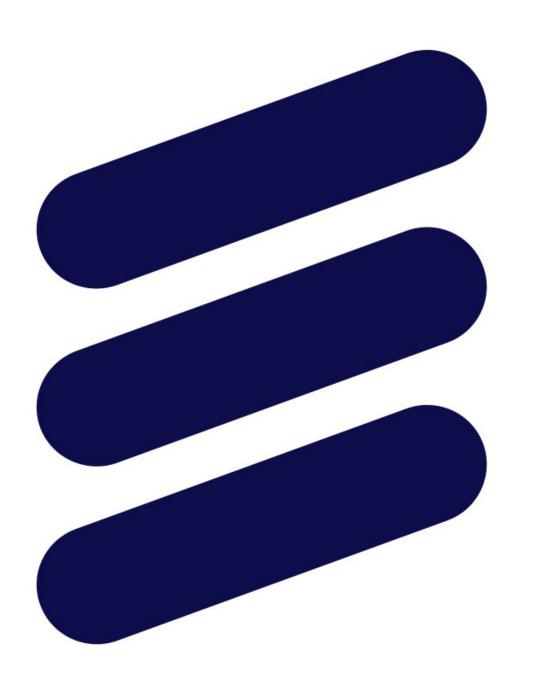


#### **Ericsson Tomorrow**

Industry leader in the Networked Society

- > Profitable growth above market
  - Excel in core business
  - Establish leadership in targeted areas
  - Expand in new areas
- Strengthening our assets
  - Evolve leadership in critical technologies
  - Extended services leadership
  - Increase scale & skills advantage

Effective resource allocation to secure successful strategy execution



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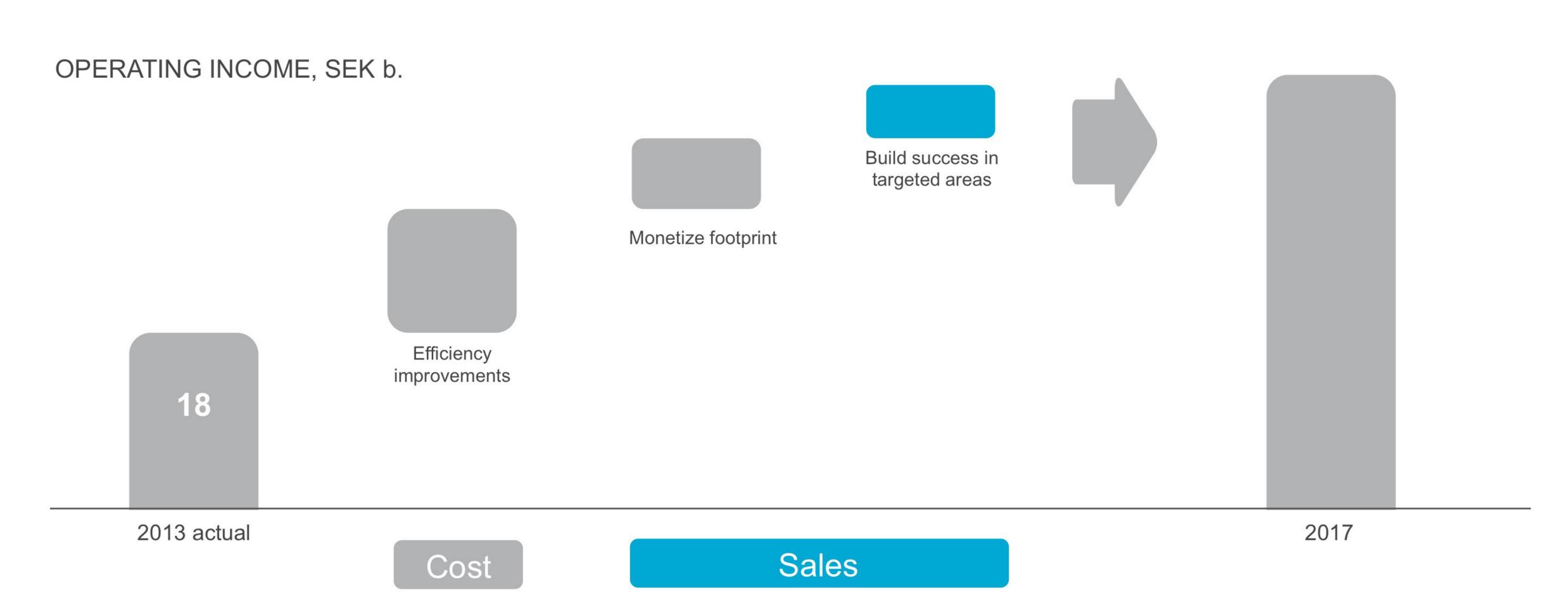


### FINANCIAL IMPLICATIONS

CFO, Jan Frykhammar

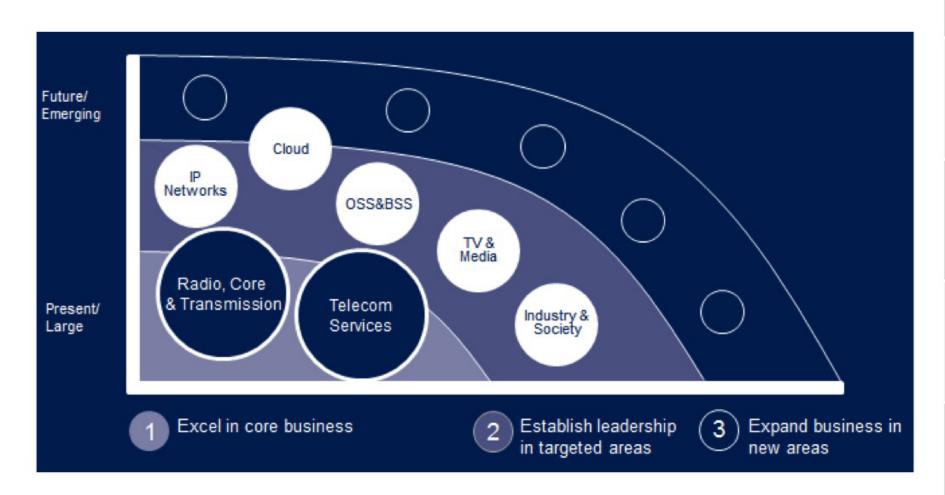
# PROFIT IMPROVEMENT ILLUSTRATIVE





## FINANCIAL CHARACTERISTICS TARGETED AREAS





Core Business	Targeted Areas
Market growth 3-4% CAGR	High market growth, on average 10% CAGR
Current mix of hardware, software and services	High degree of professional services and recurring software
High degree of larger projects, both networks and managed services	More smaller projects
Margin dependent on business mix	Ambition to significantly improve Ericsson's earnings towards 2020
Organic growth complemented with M&A investments and partnering	Organic growth accelerated with M&A investments and partnering
Majority of group total R&D	Increasing share of group total R&D

Recurring revenues, less capital intensive with high growth potential

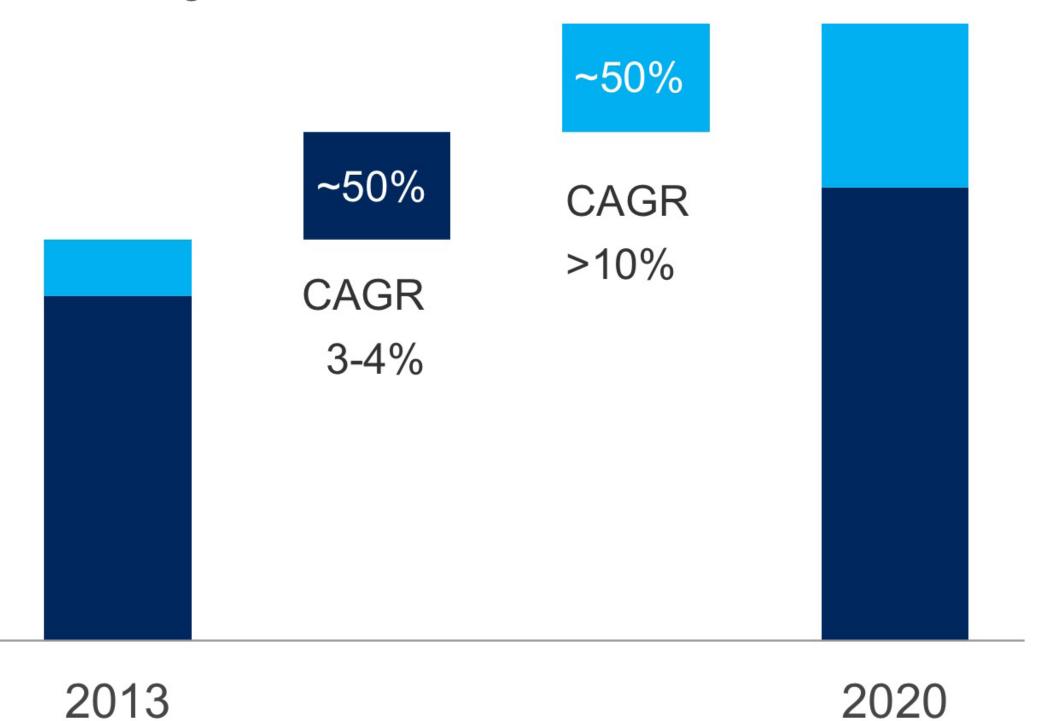
## FINANCIAL IMPACT TARGETED AREAS ESTIMATED BASED ON MARKET ASSUMPTIONS





Core Business

Targeted Areas



#### **Targeted areas**

> Market growth: On average 10% CAGR

Ericsson objective: Establish leadership in targeted areas

#### **Core business**

Market growth: 3-4% CAGR

Ericsson objective: Excel in core business

Success in targeted areas could become key sales driver to 2020

# FINANCIAL STRUCTURE TARGETED AREAS



Targeted area sales per area 2013 SEK ~30 b.

Targeted areas sales per segment 2013 SEK ~30 b.

**Industry and Society** TV and Media OSS & BSS IP\* and Cloud

Support Solutions

Services

Networks

- Services key enabler for growth in targeted areas
- More than 10% of group sales (2013)

Solution oriented sales - combination of products and services

<sup>\*)</sup> Includes IP Metro&Backhaul and IP Edge, excludes mobile Packet Core

### BUSINESS MODELS EVOLUTION



PATENTS & LICENSING

INDUSTRY & SOCIETY

TV & MEDIA

OSS&BSS

IP & CLOUD

MANAGED SERVICES

MOBILE INFRASTRUCTURE

Running royalty based licensing

Service led transformations

Recurring software contracts

Recurring service contracts

Capacity and small cell projects

Large capital intensive infrastructure projects

2005 >2016

Business models will gradually change as business evolves

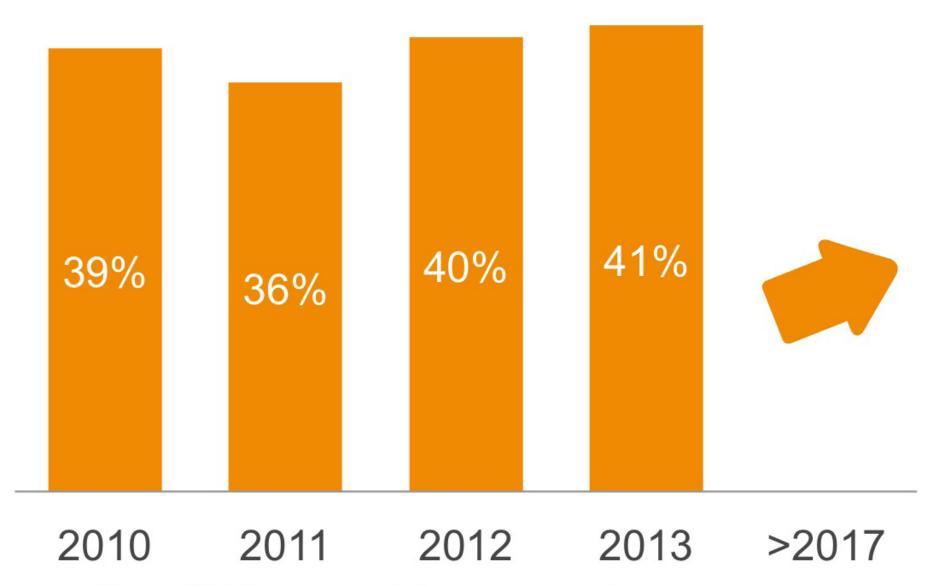
Large capital intensive

infrastructure projects

### SALES MIX DEVELOPMENT

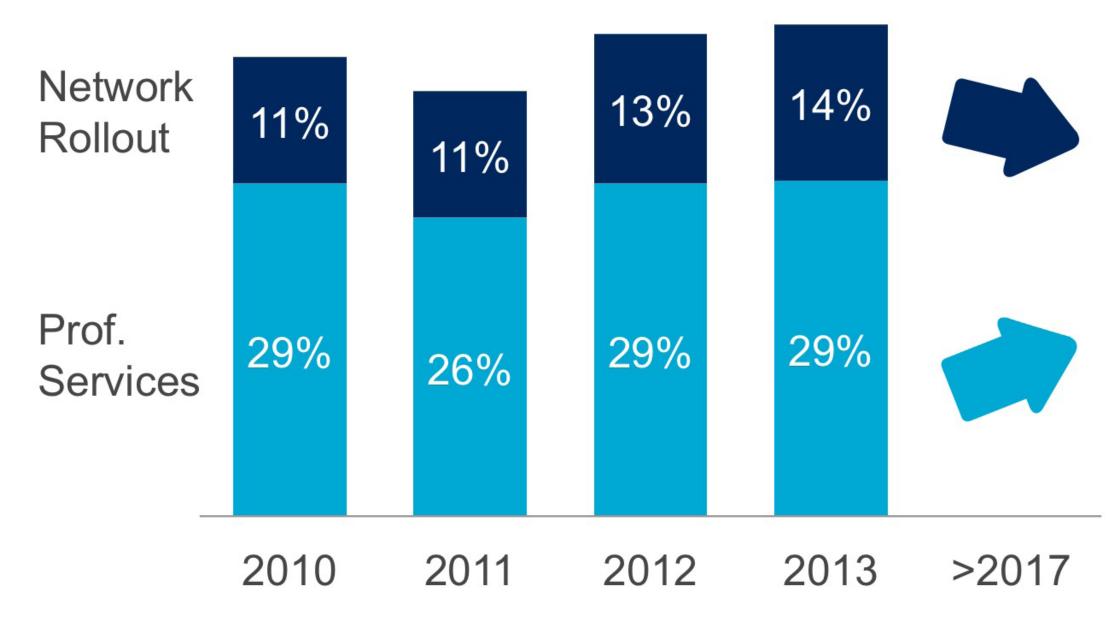


#### Software sales (as % of SW and HW)



- High SW content in targeted areas
- > Evolve infrastructure software model to ICT environment
- > Hardware important differentiator for Ericsson
- Coverage projects drives mainly HW
- Capacity business drives both SW and HW

#### Service sales (as % of total sales)



- Targeted areas generates Prof. Services sales
- Services share expected to increase driven mainly by managed services and systems integration
- Network rollout revenues linked to business mix

Software and professional services will increase over time supported by targeted areas

### SUMMARY



OSS/BSS, Cloud, IP, TV & Media, Industry & Society

Definition

~SEK 30 b. in sales 2013. Dilutive to group operating margin.

Current position

On average ~10% CAGR 2013 - 2017

Market outlook

Key Sales driver to 2020. Accretive to group operating margin.

Wanted position

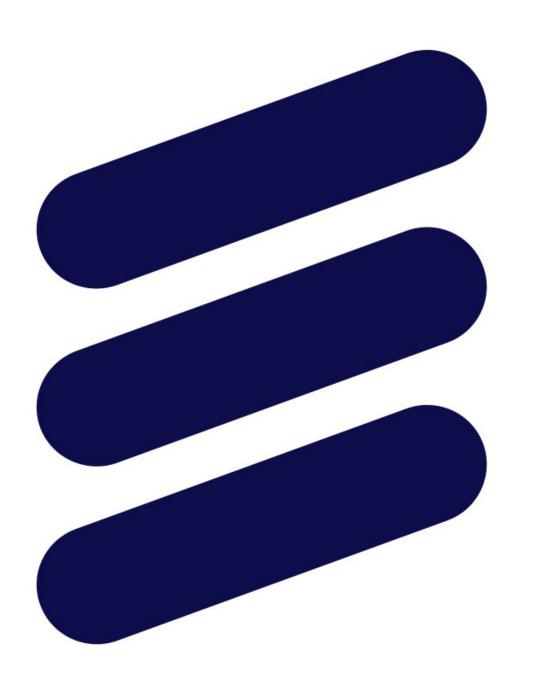
High degree of professional services and recurring software

Financial characteristics

Large share of group M&A. Increasing share of group R&D expenses.

Investments

Success in targeted areas could become key sales driver to 2020



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