



ERICSSON

# IT & CLOUD

## INVESTOR UPDATE 2016

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ERICSSON

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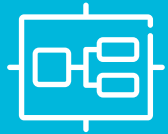
# DIGITAL TRANSFORMATION

## BUSINESS DRIVERS FOR OUR CUSTOMERS

Digital operations

Digital engagement

Digital services



Respond quickly with agile processes (DevOps & Lean) and technology



Interact consistently with customers and partners through all channels



Innovate to launch new offerings / business models



Reduce total cost through automation and consolidation



Think “customer first” in every part of the organization



Leverage data to understand and capture the business

# SEGMENT IT & CLOUD



Products and  
technology

Consulting &  
Systems Integration

IT  
operations

Customer  
Support

## Support Systems (OSS and BSS)

Customer & Revenue management  
Service provisioning, fulfillment and  
assurance

Leading position in  
Telecom IT & Cloud services

OSS and BSS market leader<sup>1</sup>  
>10% market share

## Telecom core

Management and orchestration  
Physical and virtual network functions  
- e.g. MSS, IMS, VoLTE, EPC  
NFV infrastructure

NFVi market leader<sup>2</sup>  
VoLTE market leader<sup>3</sup>

## IT cloud

Cloud infrastructure and  
platform solutions,  
Hyperscale Datacenter System 8000

Market disruptor

<sup>1</sup> Frost & Sullivan 2016, Analysys Mason 2016, Infonetics 2016

<sup>2</sup> Technology Business Review 2016

<sup>3</sup> Based on won contracts in live networks Q3 2016

# BUSINESS TRACTION



## Support Systems transformation



## Telecom core transformation



## IT cloud transformation



REPUBLIC OF ESTONIA  
GOVERNMENT



## Delivered value

- Customer experience – reduced churn
- Personalized upselling – improved conversion rates
- Simplification and automation – reduced costs
- Next generation network services and IT infrastructure – new business at improved capacity and quality to lower running costs

# MARKET REALITIES



## Digital transformation and 5G journey within operators

- Investing in front-office IT systems and consistent omnichannel customer experience
- Focus on agility and cost cuts drive investments in IT consolidation, automation and network virtualization
- A number of large telecom operators expand into adjacent markets, e.g. IoT

## Digital transformation within enterprises

- Exploring 5G and IoT to develop business and gain efficiencies
- Transforming IT infrastructure



## Global telecom operator revenue shows limited growth

- Flat telecom operator revenues in mature markets – struggle to monetize data
- Operator capex in some emerging markets impacted by negative macro economic

## Highly fragmented market

- IT players enter telecom cloud infrastructure market
- Increased price erosion with virtualized network functions

Addressable market (operators)  
2016: ~USD 100 b.

5-7% CAGR 2016-2018  
in IT & Cloud market

Fragmented market  
shifting rapidly

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

# EFFICIENCY JOURNEY



## Run-rate in R&D

16% down  
Jan 2015 – Dec 2016

through efficiency gains and  
reduced own IP portfolio,  
whilst investing in new areas

## Off-shore service delivery hours ratio

18% - points up  
Jan 2015 – Dec 2016

out of total delivery,  
whilst boosting digital on-  
shore capabilities

## Central delivery of industrialized work packages

10x increase  
YoY Sep 2016\*

whilst maintaining  
customer satisfaction

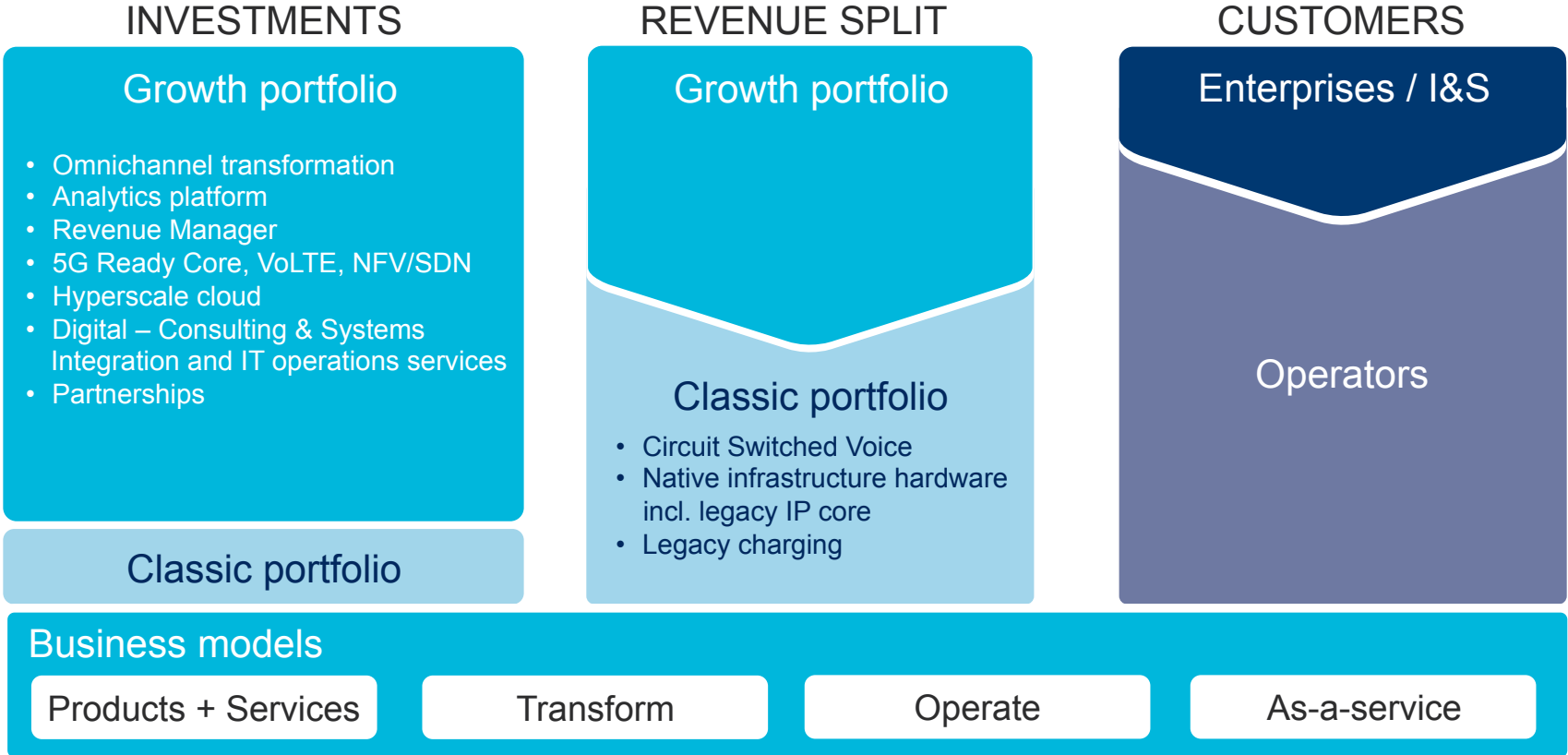
\*In Systems Integration and Application development and Maintenance delivery





# BUSINESS DIRECTION

ILLUSTRATIVE





# IT & CLOUD MID-TERM PRIORITIES



PRODUCTS & SERVICES

## Monetize leading position

- Leverage installed base
- Monetize the digital transformation journeys
- Recurring business

## Re-focus Go-To-Market model

- Focus on growing with our top customers
- Increase enterprise focus through I&S

## Portfolio shift

- From classic to growth portfolio
- Accelerate industrialization
- IP portfolio with Cisco

## Development & service delivery

- Modernized tools and methods for agile R&D and service automation
- Increased use of partners and open source
- Establish Digital Transformation Center

## People and competence shift

- Drive competence shift towards digital and analytics skills
- IT and enterprise business experts

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

# SUMMARY



Digitalization changes the game

Monetize leading position in  
IT Telecom services, OSS & BSS and Telecom core

Portfolio transformation to support customer transformation