

5G Enables Enterprise

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Megatrends are changing the world, and the ways we connect with it



NOKIA

First Industrial Revolution

Second Industrial Revolution

Third Industrial Revolution

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4th "industrial" revolution powered by 5G



NOKIA

Megatrends, challenges and market opportunities

Digital transformation = Cornerstone of the 4th Industrial revolution

Mobile wireless technologies & IoT are 2 key enablers that will help verticals & public sector operations evolve as much it changed people's life in the last decade

Will help embrace today's megatrends...



Some industry verticals have massive transformation & gain potential





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Promise of 5G Enabler for CSPs to capture new industrial, infrastructure and enterprise value



Market defense and cost efficiency in short term but new markets and value creation in long term



Business case for 5G Not driven by single use case but a journey of value creation & capture



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Use Cases

MAEREK

COSCO

COSCO

MAERSK

* MAERSK

NAMES OF

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MAERSK

MAERSK

MAERBK

K a ano

Million State

MAERSK

GMALCON

MAERS

MACOC

MAERSK

CIMA CON

MAERSK

5G early market use cases

Nokia study unveils high value use cases and their business models



5G home experience – immersive video and virtual reality services Fiber speeds without cables



*) Cash flow, Example US operator



5G event experience – get close to the action

Multiple camera views and virtual reality to thousands of spectators



*) Cumulative Cash Flow, Example UK operator



5G industry experience – enabling industry 4.0 Resilient, secure low-latency communication





5G truck platooning – automatically controlled convoys Cutting costs of transportation, increasing safety





5G in-vehicle infotainment – additional business with urban 5G deployments HD, UHD and 3D content to multiple users in the same moving vehicle



*) Discounted cumulative Cash Flow, Example UK operator



5G for connected healthcare

Immediate network response for critical interaction with humans



Turn 5G visions into real business

Use case approach

- Bell Labs modelling
- Holistic approach to transformation

Automation & analytics

 Investments in Al, analytics & automation

End-to-end expertise

- 1st live 5G network in Korea
- Hamburg port (live network slicing trials)



Creating the technology to connect the world



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