## NOKIA

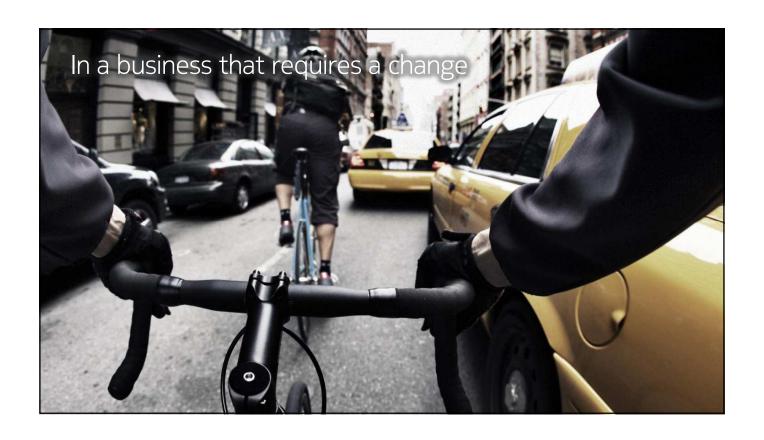
Nokia Networks

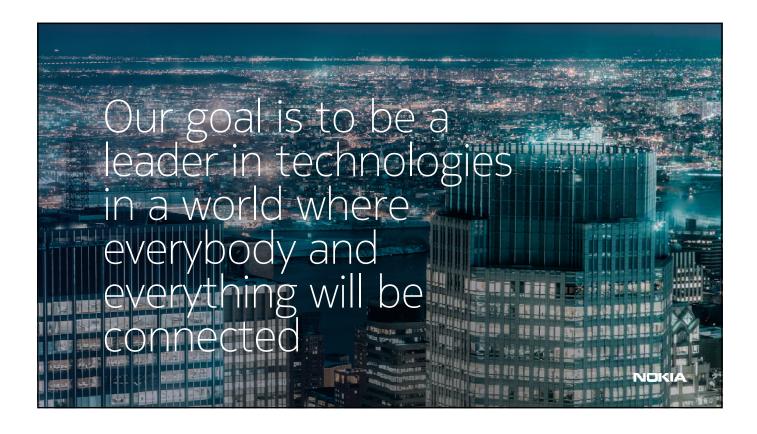
## Expand the human possibilities of the connected world

Celtic-Plus Proposers Day 7 May, 2015, Oulu, Finland seppo.yrjola@nokia.com

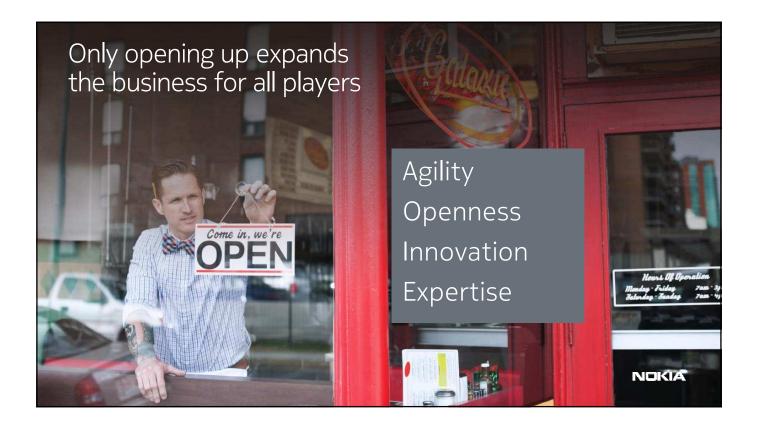
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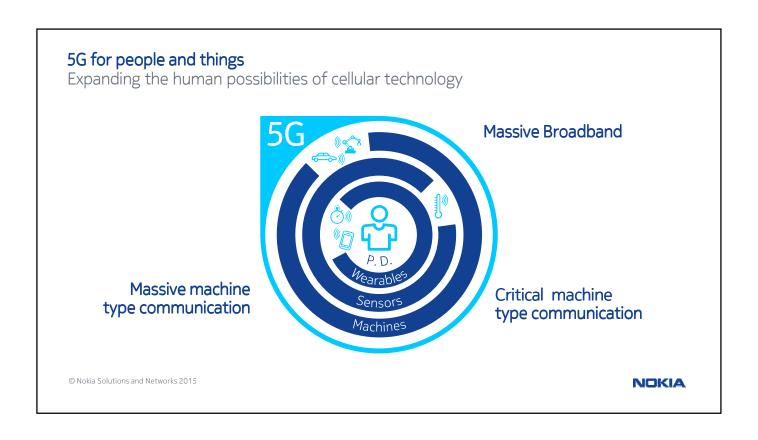
## Technology disruption transforms business and lives Estimated 2025 Connected devices Compute power of Amazon's cloud in 2025 45Bn of Enterprise IT spend against 14 which are M2M competitors 2.3Tn EUR 31Bn 5x **Estimated** Percentage of Estimated mobile Estimated global number of mobile automated Services operator spend on spend in the devices held per without human Network and IT Internet of Things intervention by person by 2025 Infrastructure in 2025 2025 3.8Tn EUR >80% 244Bn EUR 6+



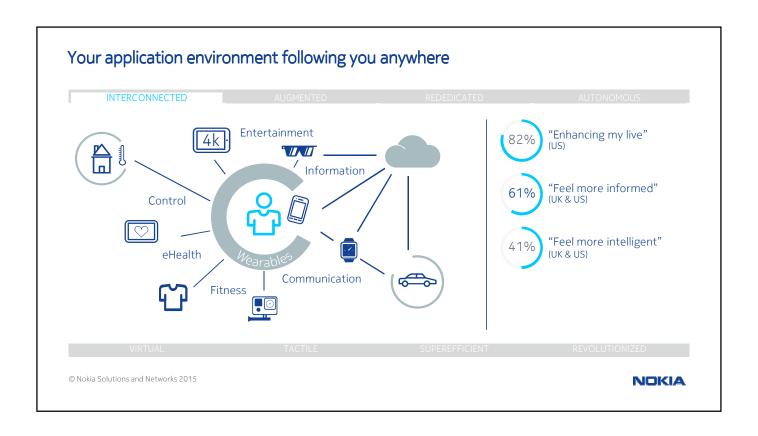


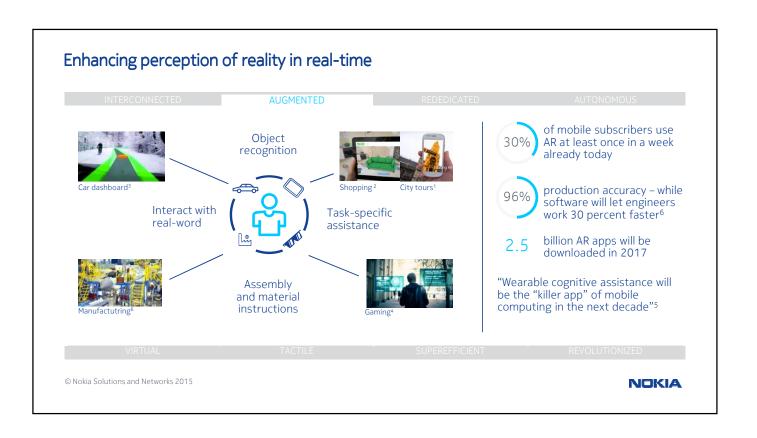


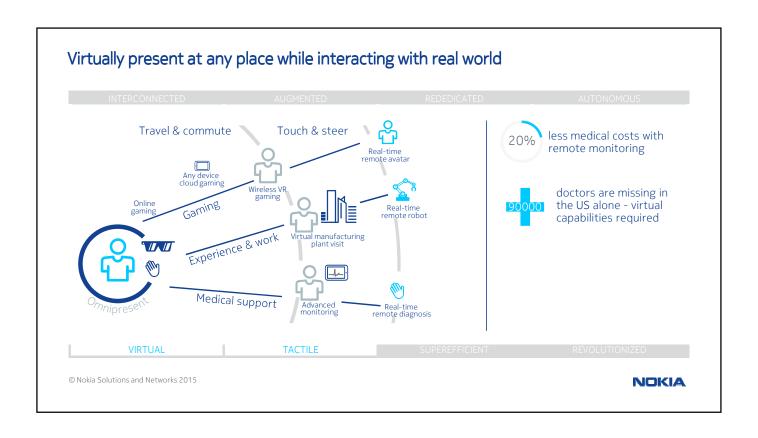


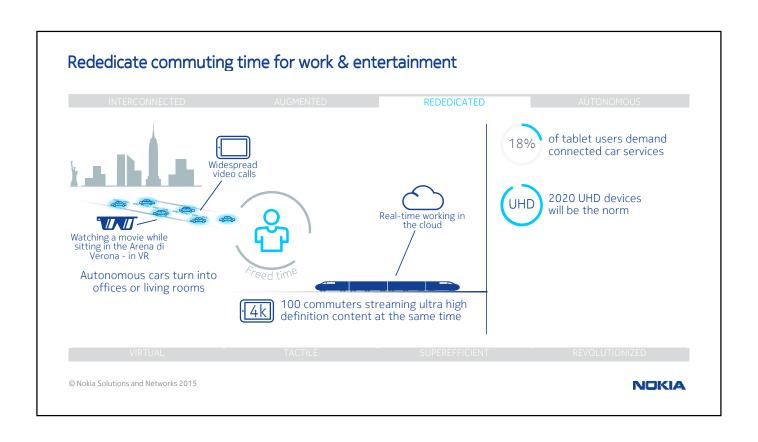


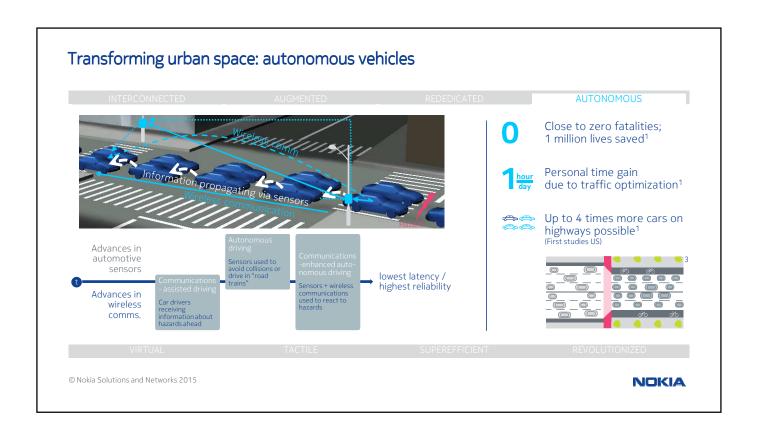


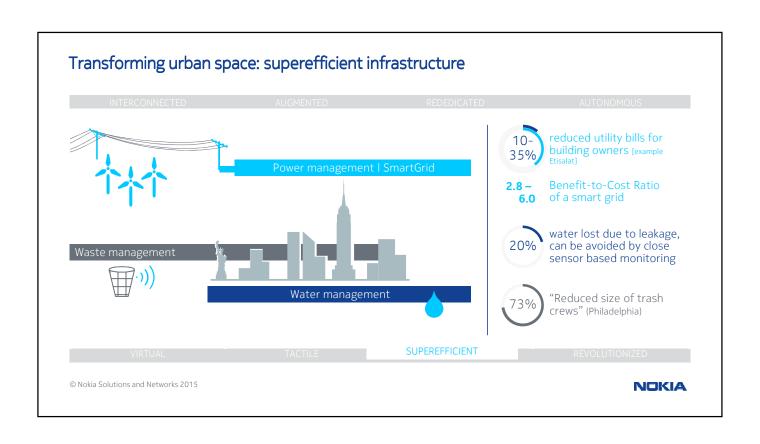


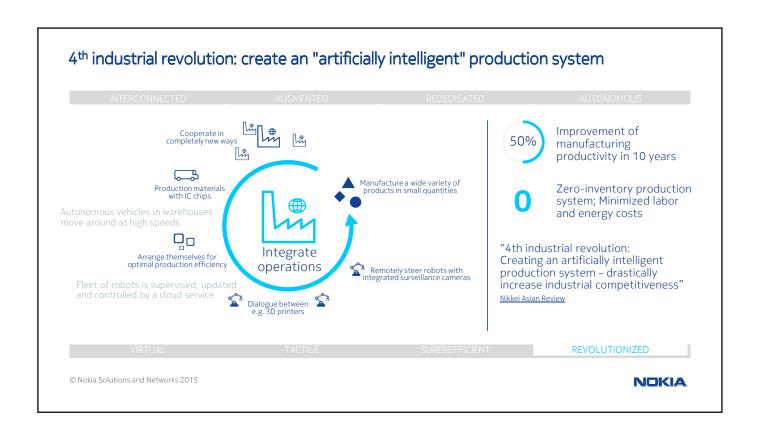


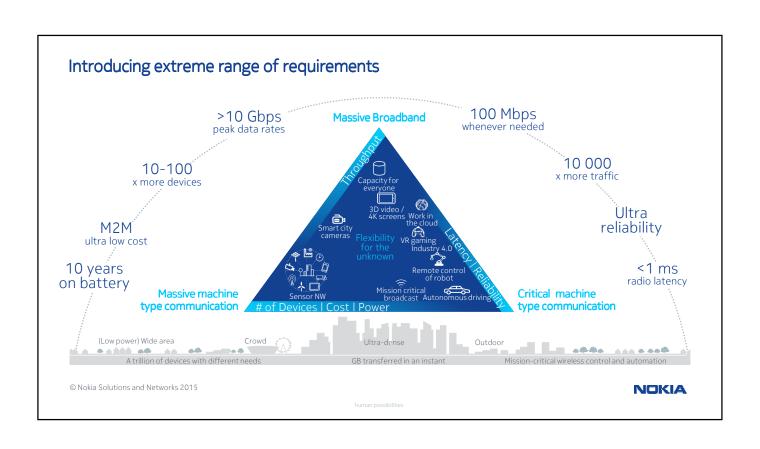


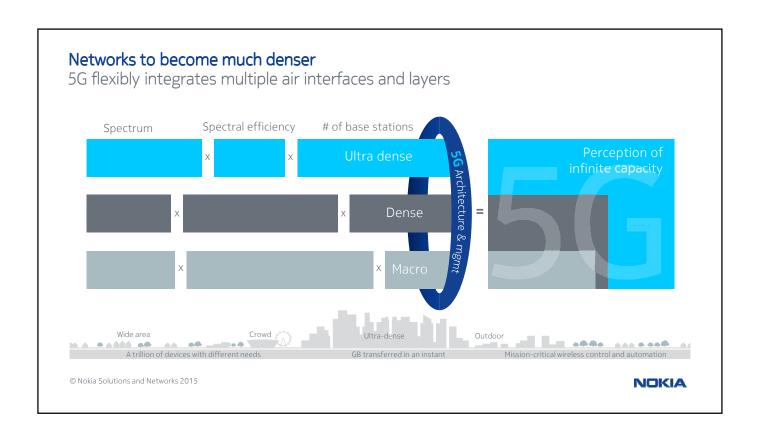


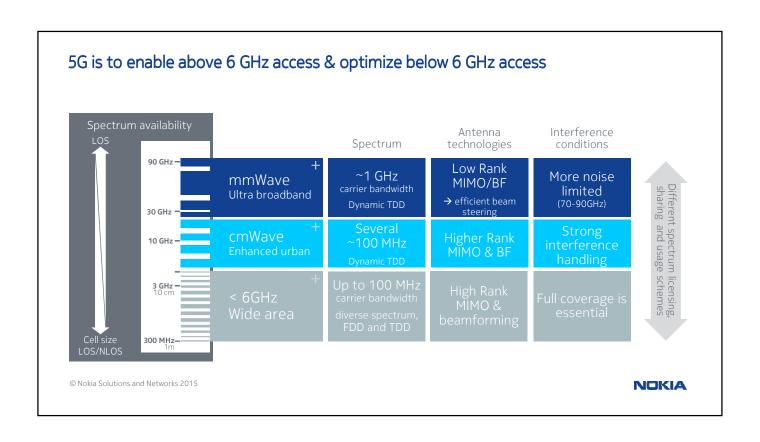


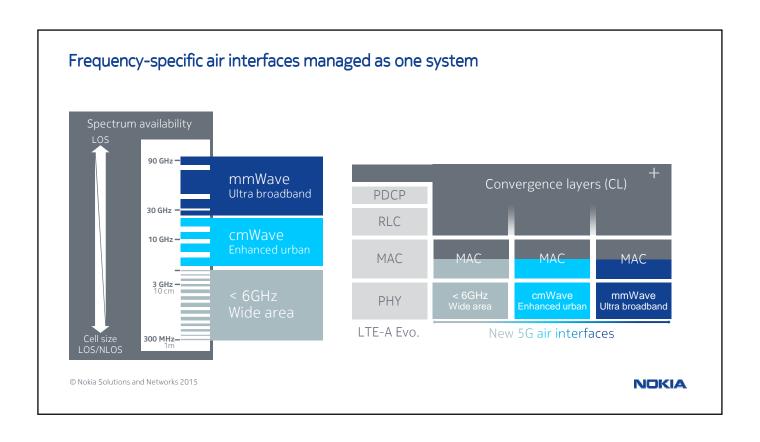


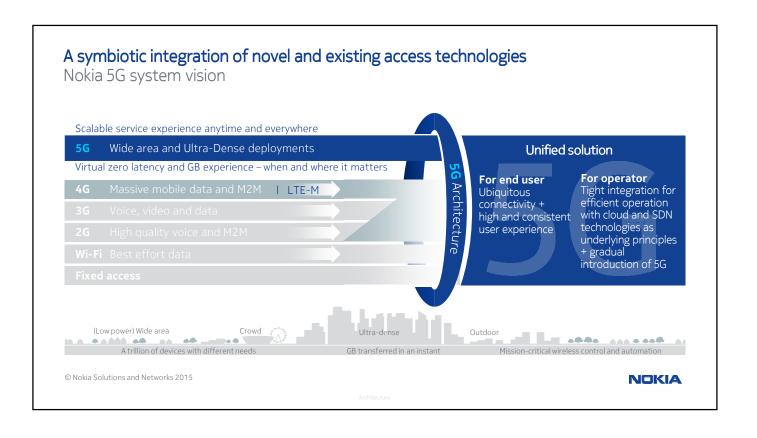


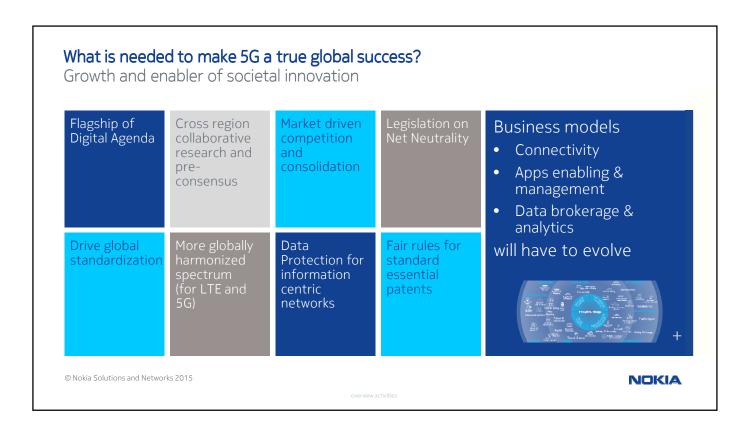












	Connection volumes 2020	ARPC 2015	Churn	Data pricing	Connectivity	Security
Connecting people	11 billion	<b>High</b> Ø \$30/month	High ~ 35% often more	Based on volume of data	best effort, QoE mgtm.	Important
Connecting things	Tens of billions	<b>Low</b> Ø \$3/month	<b>Low</b> ~10% or less	Based on <b>value</b> of data	SLAs Reliability Criticality	Critical

