Network Slice Management

Radio Base Station & Antennas

User Equipment access mgmt.

User Equipment automated config.

Slice Activation within < 1 minute

Slice design and placement

KPI monitoring

Network slicing enabled

2 cells 700 MHz FDD 10MHz UL/DL

Broadband for cruise ship terminals

AR/VR supported port operations

User Equipment automated config.

Core Network & Data Centres

E2E network slicing

Nokia AirFrame

Local Control & Data Plane

Central Data Plane

Network slicing enabled

Network Slice Management

Hamburg Smart Sea Port testbed

URLLC Better Traffic Flow

MTC Improved Pollution Control

Port Control Centre

eMBB Enhanced Experience & Security

Traffic control

Air quality measurement

Port operations

Air quality control

Traffic control

Connected sensors on mobile barges

Traffic Light Control

Intelligent Transport Systems

Traffic Light Control

Nokia AirFrame

Nokia AirScale

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