

A top-down photograph of a child with dark curly hair, wearing a blue and red striped shirt, kneeling on a wooden floor. The child is surrounded by numerous colorful wooden blocks (cubes and rectangular prisms) in shades of blue, green, purple, pink, and orange. Some blocks are scattered on the floor, while others are arranged in a grid pattern within a light-colored wooden tray. The floor is made of dark wood planks.

NOKIA

Unlocking the monetization potential of IoT data

Friedrich Trawöger

5G IoT Summit - MWC Barcelona 2022

How can secure data exchange enrich human life?

Data siloes



Compliance



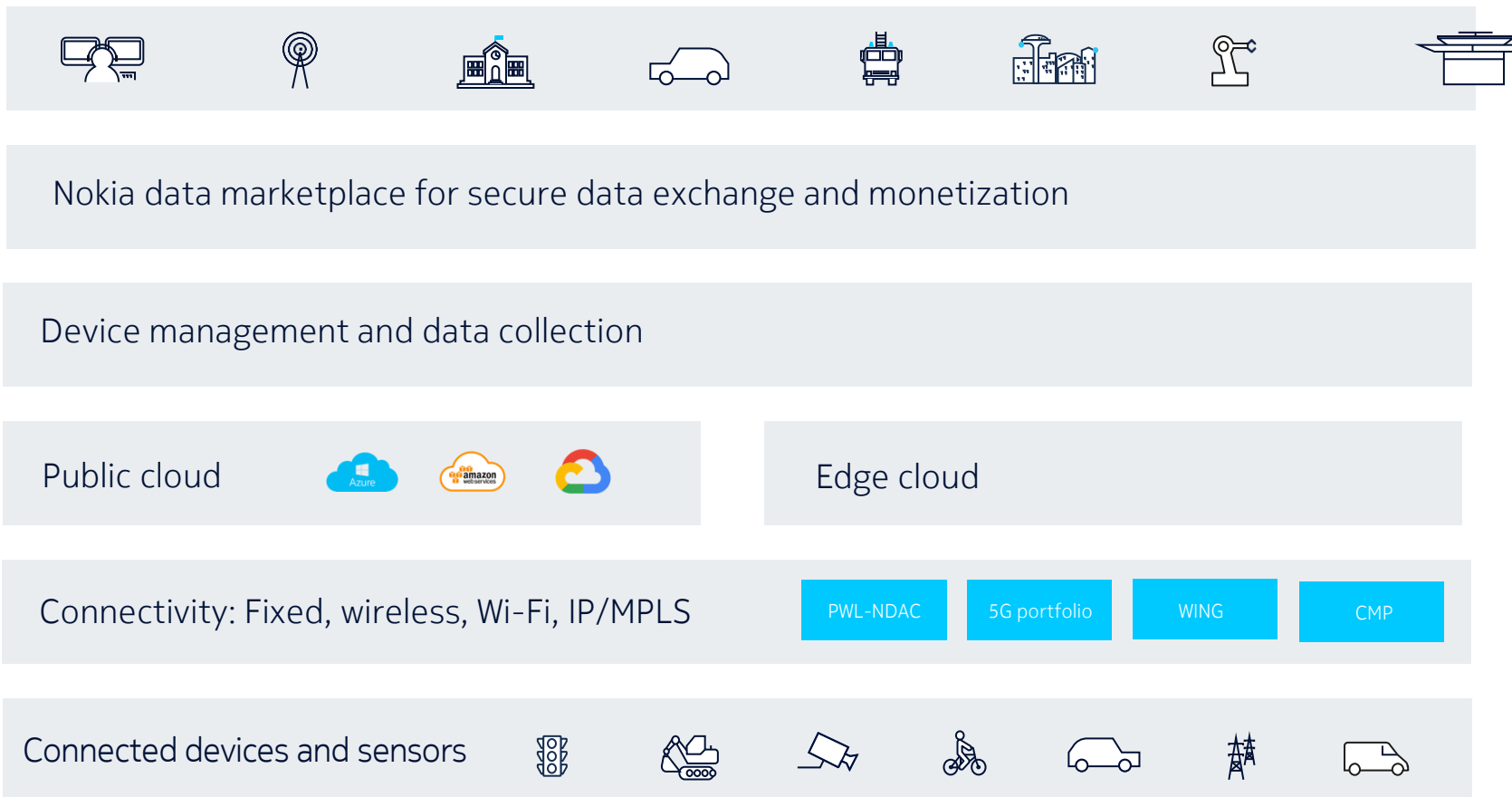
Low latency



Data ownership



Enabling ecosystem orchestration to accelerate 5G use cases



Data exchange

Data collection

Cloud layer

Connectivity layer

We have solved global IoT connectivity to capture data



Saving energy

79 million smart meters in Indonesia



Driving sustainable mobility

800K e-cars in Europe and Asia connected by 2025

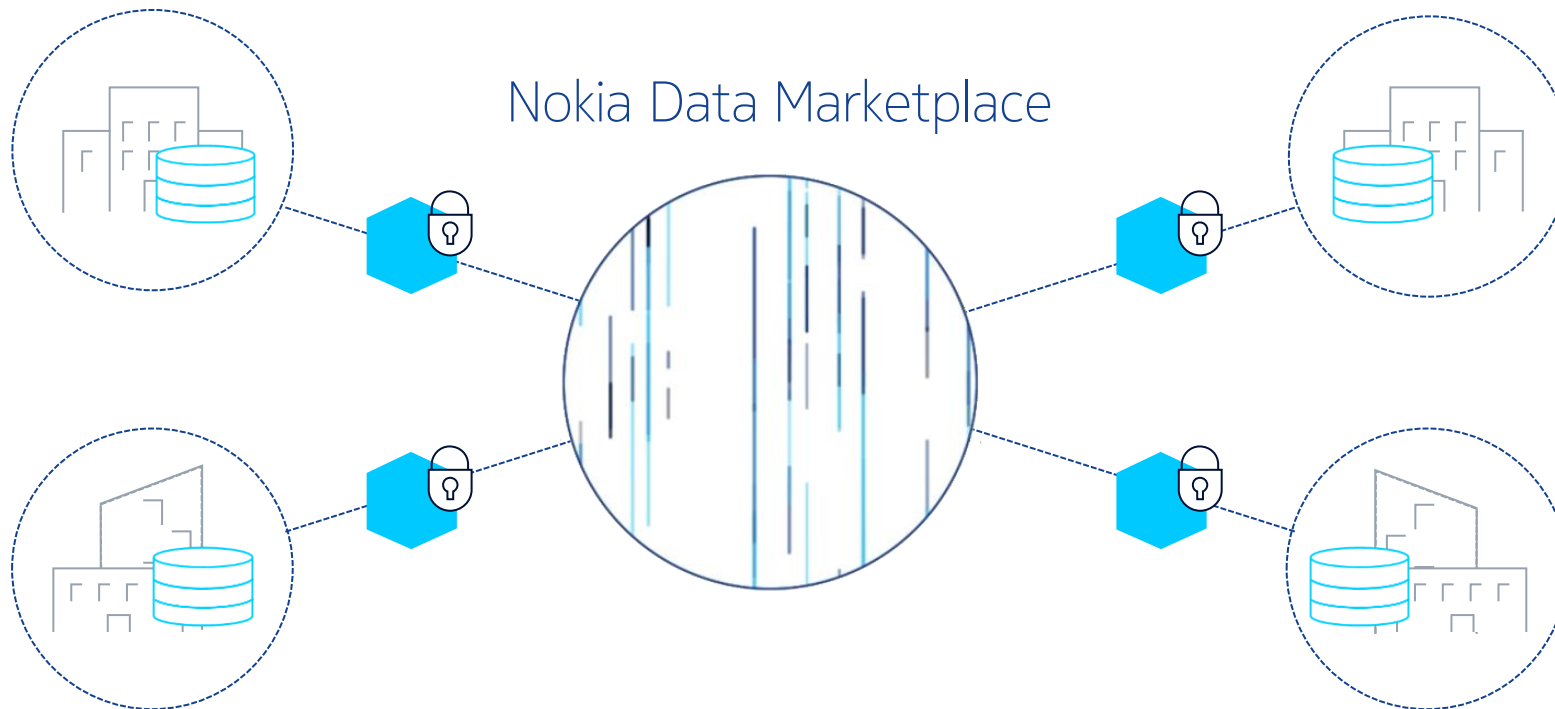


Transforming food delivery

Connecting 500K restaurants in 50 countries



Solving real-time exchange of IoT data streams for monetization



Data siloes

Private permissioned
blockchain

Compliance

Federated AI/ML

Low latency

Processing at the edge

Data ownership

Smart contracts

A more productive and sustainable maritime supply chain



Reduce manual actions

Eliminate 3k hrs for all ecosystem partners

Better planning

Supply chain planning
> 95% more accurate

Faster delivery

30% Reduction in business cycle time

Better healthcare as all patient data is instantly available



Clinical trial matching

Identify patients faster using distributed data sets

Federated analytics

Precision for faster diagnosis

Personalized medicine

Digital identity management

A more immersive football match



Analyze live
player data

AI/ML algorithms
on distributed
datasets

Smart contracts
to personalize
revenue data

Secure data exchange to enrich human life



We can capture data from IoT connectivity

Blockchain for secure data exchange and monetization

Ecosystem orchestration to accelerate 5G use cases

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