

Enabling the next level of a digitalized aquaculture

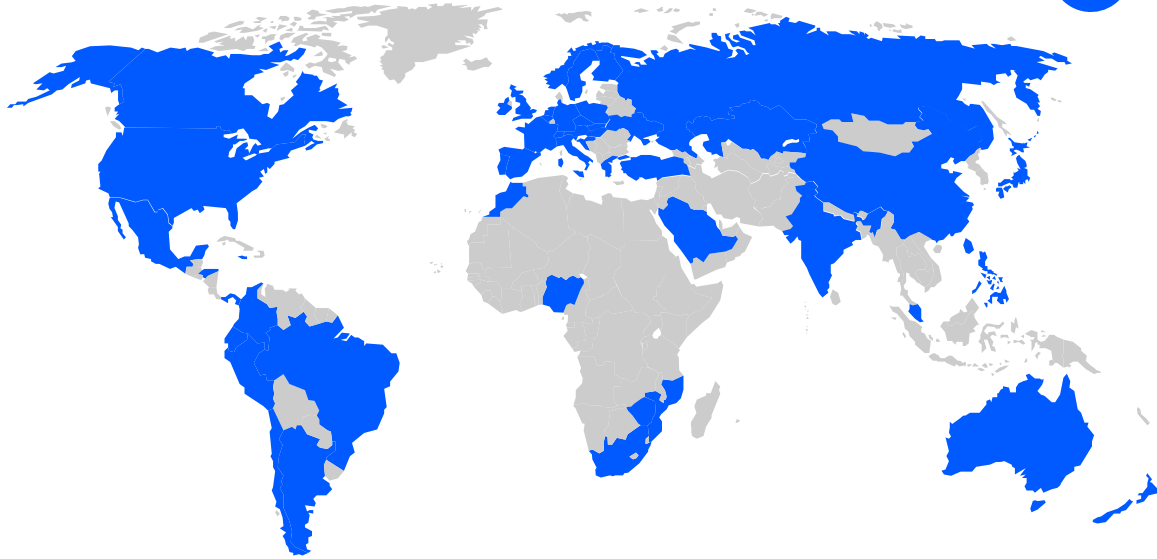
Why 5G is a key enabler?

alfredo.gonzalez_herrero@nokia.com
Manufacturing Latin America Head of Sales
Punta Arenas, March 26th, 2025

NOKIA |  OSC TOP SOLUTIONS GROUP

850+ private LTE/5G wireless customers

Uncontested market leader in private wireless*



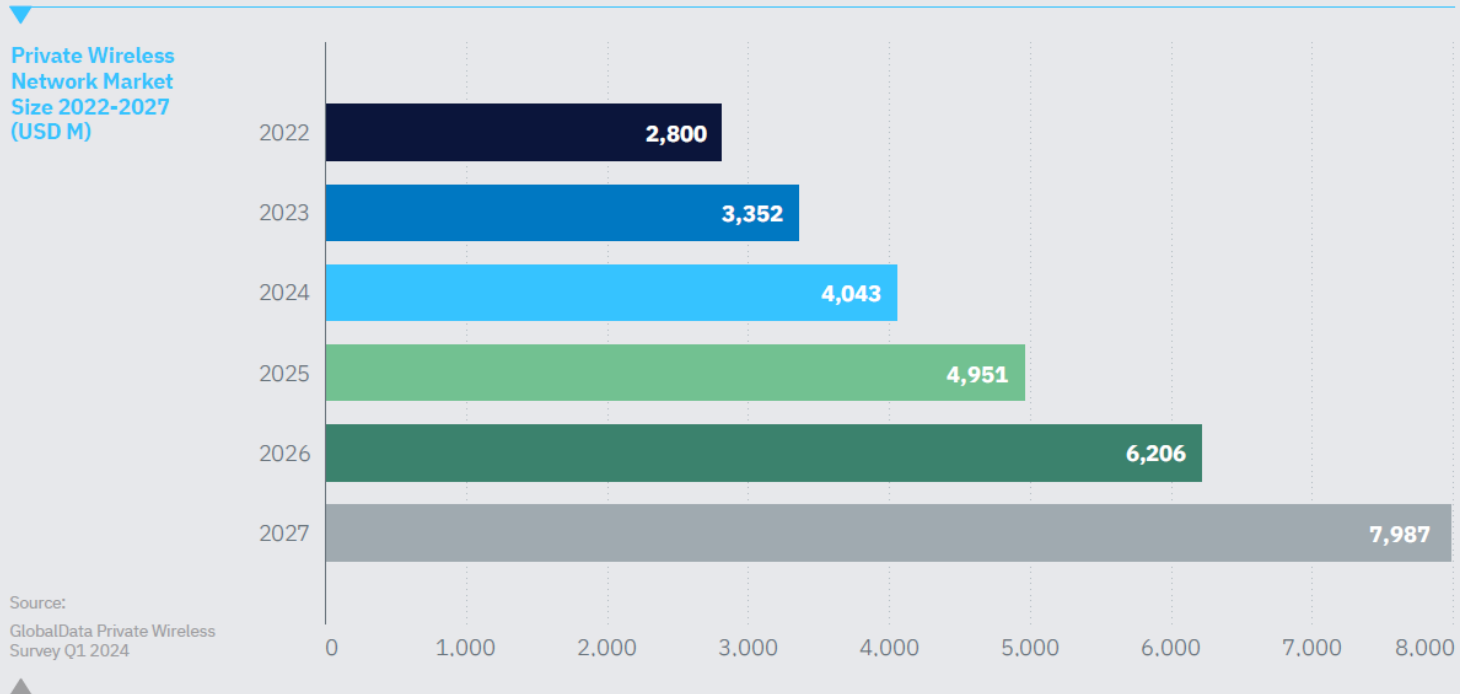
Public references

60+ customers in Latin America



By 2027 the private wireless market will have grown by 100% vs. 2024

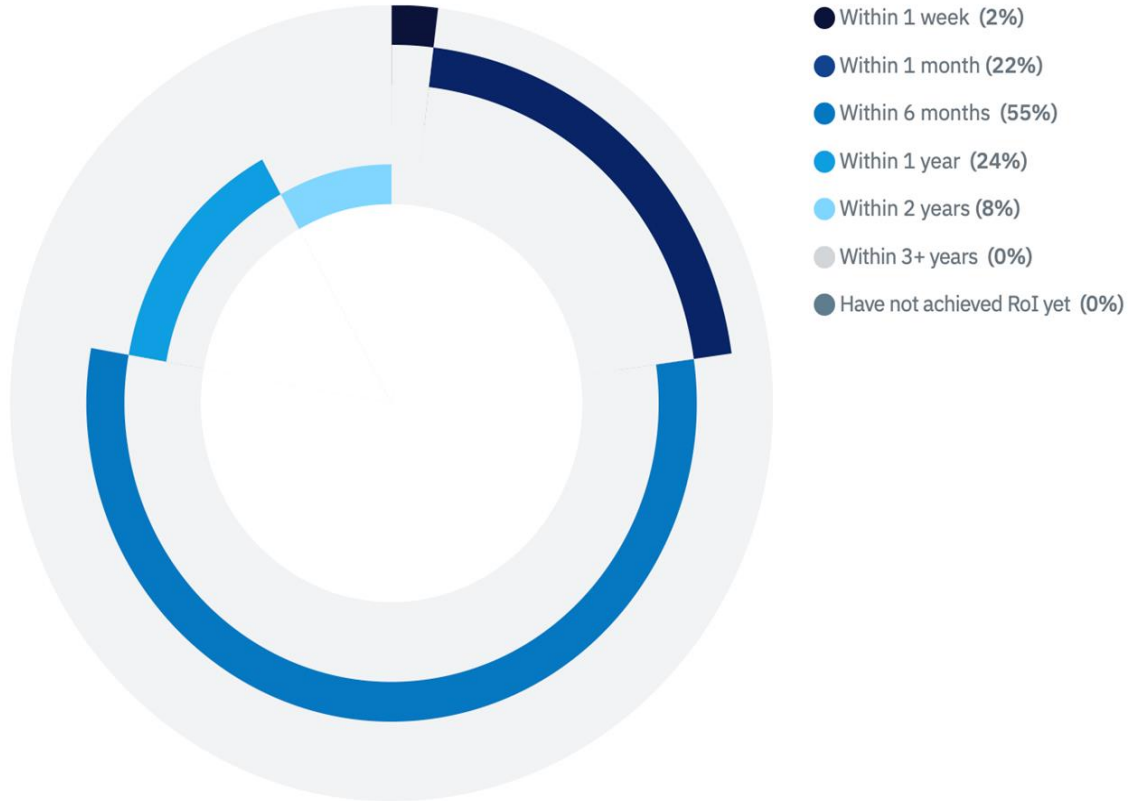
By the end of 2024 it grew by 44% compared to 2022



78% of early adopters see ROI within 6 months, 93% in 1 year!

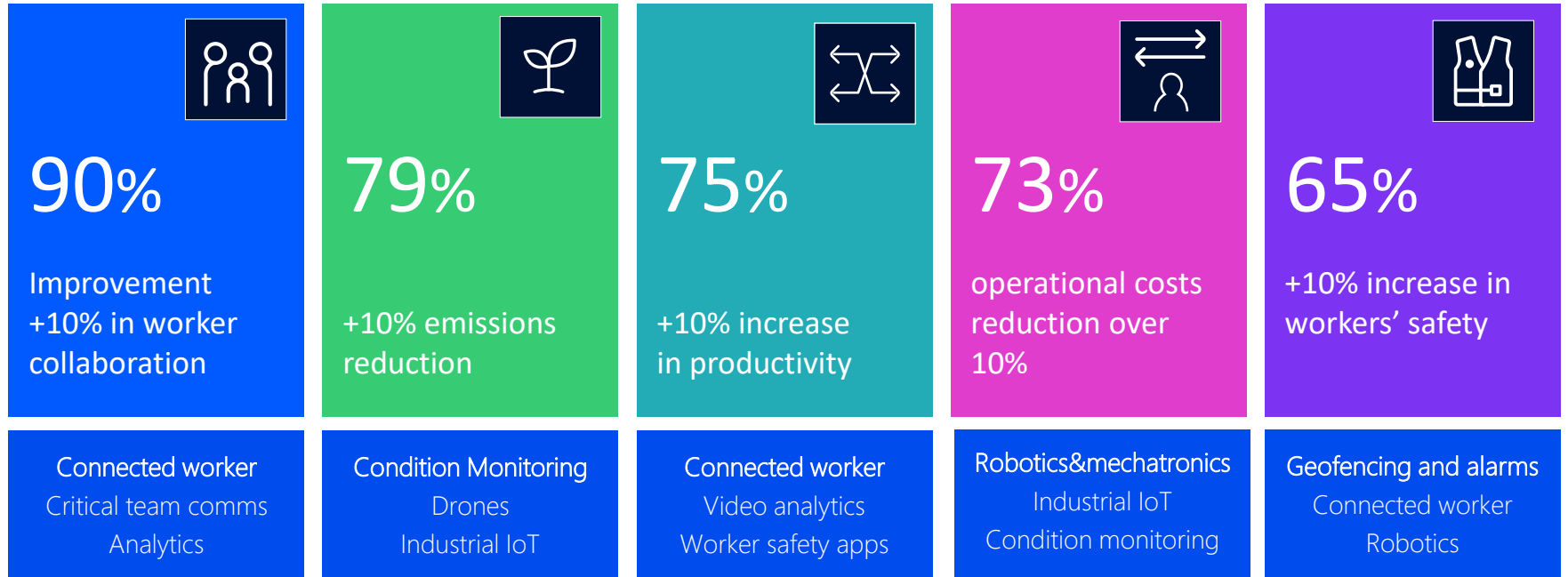
Within how long did you achieve a Return on Investment (ROI) on your private wireless solution (including industrial applications)?

- **100 pLTE/p5G early adopters** interviewed in manufacturing, transportation and energy industries in 6 countries: USA, Germany, France, UK, Japan, and Australia
- All are using pLTE/p5G networks in **additional locations**, or have expanded their use by launching **more use cases in existing locations**



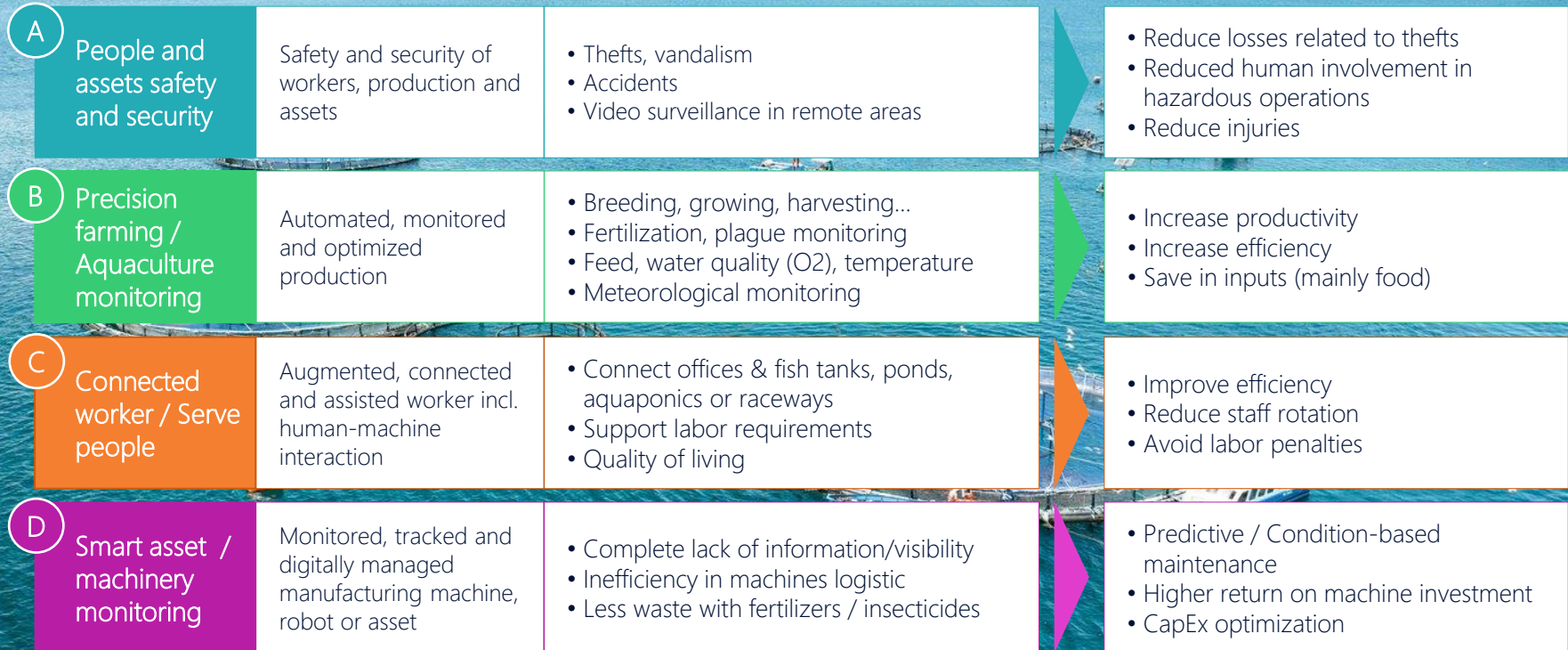
p5G for Industry 4.0 is delivering real-life business benefits

% of industrial companies surveyed which quantified improvements in **more than 10%**



Today's data and voice connectivity challenges in aquaculture

Connectivity needs and business benefits

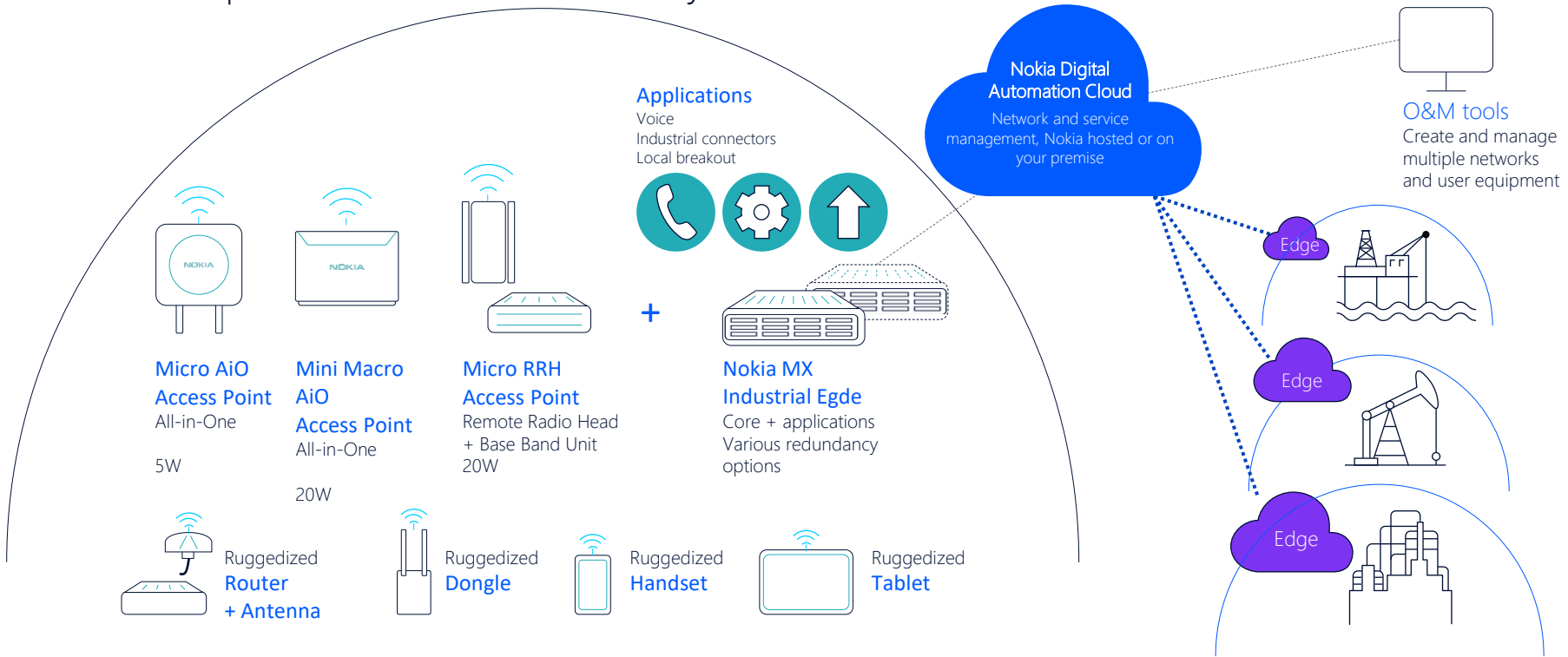


Industry 4.0 use cases in aquaculture processes

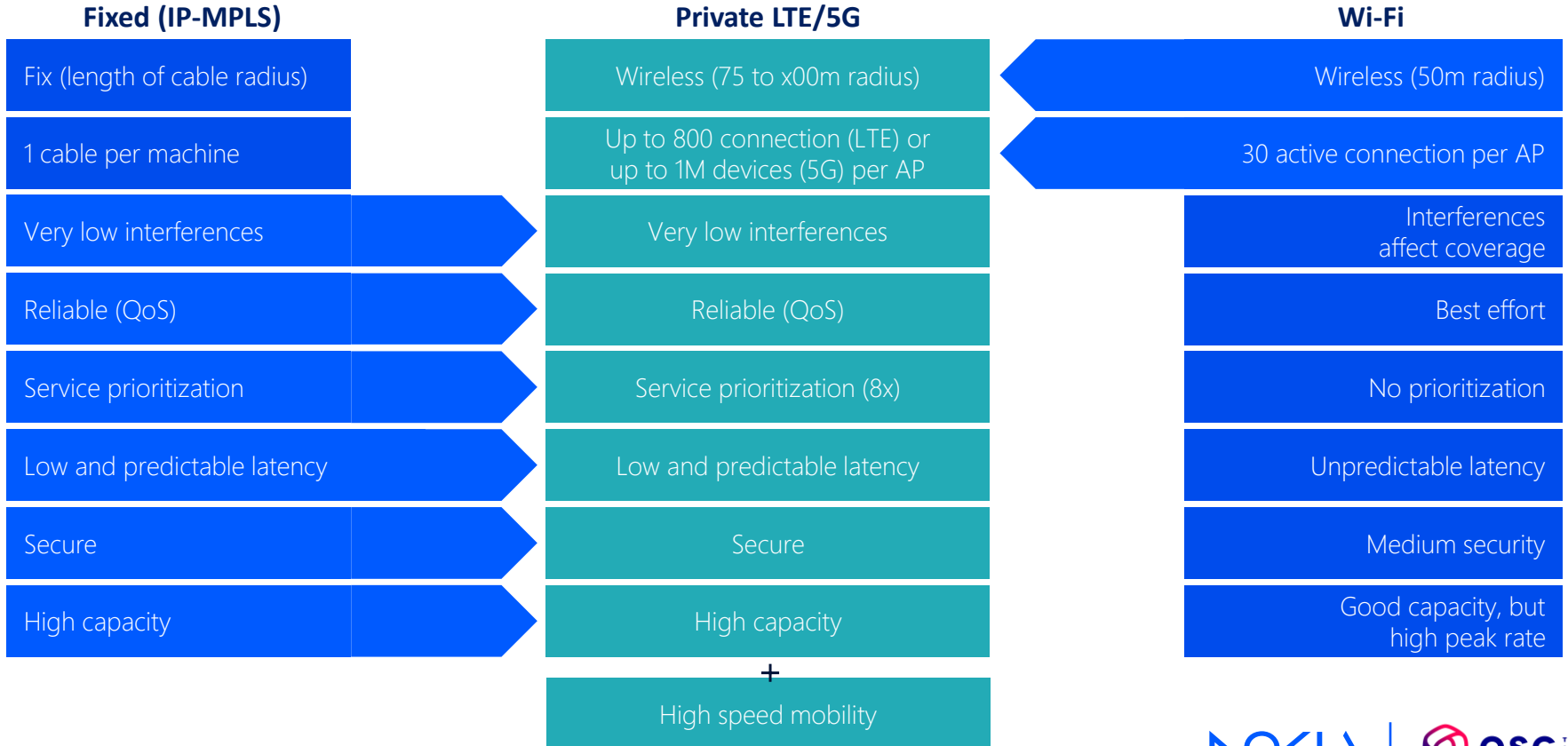


p5G Nokia Digital Automation Cloud

Platform for private wireless connectivity and automation



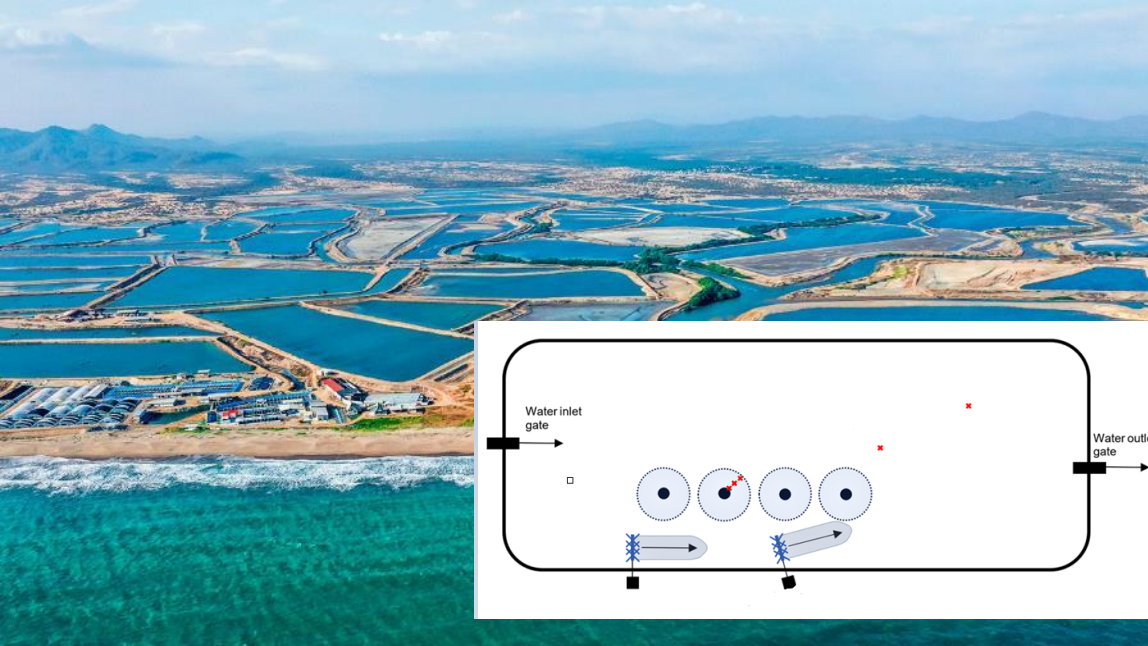
Private LTE/5G – Best of Wi-Fi and fixed DNA



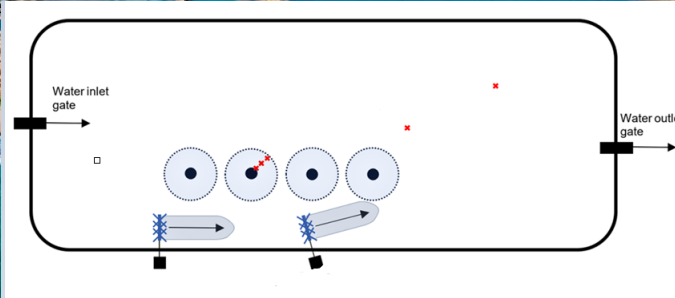
Grupo Nuevo Pescanova

Prawn farming reference case

Farm



Operations



Pain



Grupo Nuevo Pescanova

Prawn farming reference case



Industrial IoT

Feeders

- Motor
- Support
- Food storage
- Logic circuit
- GPS
- Parametrization SW via APP
- Sensors (temperature, O2, saturation, etc.)
- Reporting
- Hydrophone
- WiFi / LTE AP

Sensors

- O2
- Temperature
- Saturation
- WiFi / LTE AP

Collaborating with entire ecosystem to drive Industry 4.0



Telecommunications experts

Expertise in building & operating mobile network or public clouds



Industrial bodies and ecosystem players

More LTE/5G industrial connected things and use cases by industry



System integrators and consultants

Deeper industry expertise and specialised channel to market



Questions?

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