ORRO®

Critical
Infrastructure

Industrial
Wireless

Connect your industry, transform your operations

Securely Connected Everything™

Introducing Industrial Wireless

Managing complex device networks in modern industrial environments is increasingly challenging. With numerous interconnected machines and fragmented data across systems, silos hinder decision-making and reduce productivity. Compounding these challenges, the constant threat of cyberattacks jeopardises both operational continuity and data security.

Industrial wireless technology streamlines connectivity across diverse devices, sensors, and machinery, creating a cohesive, easily managed network. Centralised monitoring provides a clear view of operations and ensures seamless data flow.

By harnessing our specialised expertise, top-tier third party technology, and 24x7 support, you can transform your OT operations from a black box into a transparent, efficient, and future-proof engine that drives your business forward.

Industrial wireless. The future of OT, today.

› IT Wireless Networks
Unreliable and unsecure for mission-critical operations

- Interference from machinery and materials can cause inconsistent coverage.
- Inconsistent performance in high-demand areas or large areas, leading to communication breakdowns.
- Not built to withstand industrial conditions like high temperatures, dust, or moisture.
- Lack of redundancy and failover mechanisms for continuous operation during disruptions.
- More vulnerable to security breaches, lacking the advanced protections required for OT systems.
- Difficulty integrating with legacy OT systems, hindering data sharing and operational efficiency.

› Industrial Wireless
Unleash your OT

- Effortlessly expand and adapt your network as fast as your business does.
- Respond rapidly to changing needs and emergencies, allowing for real-time adjustments to operations.
- Withstand physical damage, ensuring continuous operation even in challenging environments.
- Advanced encryption, authentication protocols, and network segmentation protect against unauthorised access, eavesdropping, and tampering, safeguarding critical infrastructure from cyber threats.
- Break down data silos, fostering a culture of teamwork and enabling real-time data sharing across teams for better decision-making and operational efficiency.

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Experience the best of both worlds

Security and performance of a wired network with the flexibility and mobility of a wireless network.

Customers transitioning to 5G are witnessing substantial improvements, including:

Consolidated infrastructure
with a dramatic reduction from 20 access points to three or less.

Simplified management
means fewer devices and a significant decrease in incidents.

Savings
of up to a 50% reduction in operating costs.

Optimised performance
from full utilisation of available bandwidth for maximum efficiency.

Wireless experience
with the performance of a wired network.

Enhanced QoS
prioritised delivery of critical Applications and reduced latency for time-sensitive tasks.
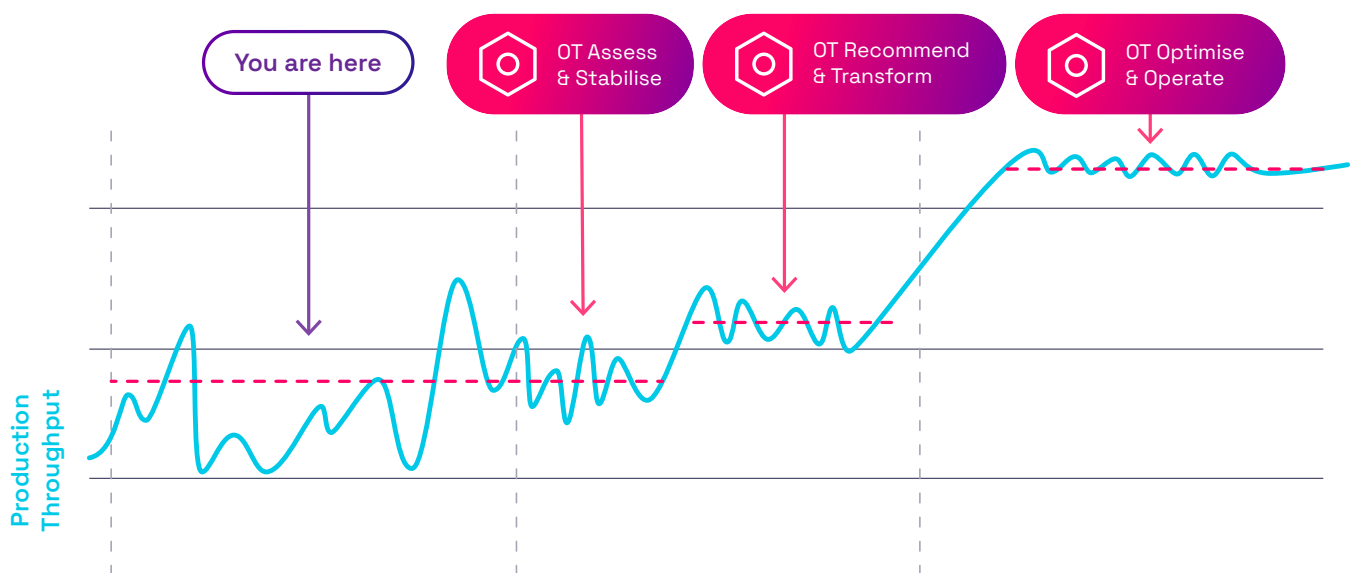
Key Capabilities

Unlike IT, which has benefited from standardised management practice, OT systems have typically been managed in isolation, constricted by vendor-specific technologies, and local integration strategies.

Many critical infrastructure operators find themselves reliant on human capital and expertise, with production subject to variability and limited opportunities for technological uplift.

As your partner in OT maturity, we provide a structured framework built upon our operational knowledge, automation capabilities, and specialised tools. By leveraging unprecedented access to information and technology, we can realise significant improvements in productivity by focusing our efforts on high-value initiatives that reduce variability and unlock latent capacity.

You are here

OT Assess & Stabilise

OT Recommend & Transform

OT Optimise & Operate

Production Throughput

Transform your OT operations from a black box into a transparent, efficient, and future-proof engine that drives your business forward.

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Our Approach

Stay compliant with regulations and mitigate operational risks.

⟩ OT Assess & Stabilise

We begin by conducting a comprehensive OT Assessment of your critical infrastructure, evaluating your specific needs, compliance requirements, and performance benchmarks. Your current maturity level is aligned with legislation, industry standards. From there, we establish a tailored maturity target to meet your future business demands and evolving best practices.

Once assessed, we stabilise your infrastructure by redefining processes, enhancing team capabilities, and maximising technology investments. We focus on minimising performance variability for your future seamless transformation.

⟩ OT Recommend & Transform

Our service bridges the gap between where you are and your future goals. We leverage top-tier architectures and trusted solutions to design precise investment plans that meets your OT maturity goals and critical infrastructure needs.

We then transform your operations by delivering the recommended people, technology, and process enhancements. Choose from fixed-price or time and materials models to initiate your transformation with efficiency and confidence.

⟩ OT Optimise & Operate

We go beyond implementation, ensuring long-term success through ongoing support. Our day two operations include monitoring, incident management, and change control, keeping your infrastructure running smoothly. Our service management approach ensures that your systems remain aligned with your business objectives.

To maintain peak performance, we continuously assess your environment, identifying opportunities to improve efficiency and sustain top-tier results. As your dedicated improvement partner, we help you stay ahead by proactively optimising your infrastructure.

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Breadth of Critical Infrastructure Services

Our Approach to your seamless secure connectivity

Our approach is customised to your unique needs, considering your current maturity level, organizational requirements, and long-term goals.

At Orro, we offer a comprehensive suite of capabilities designed to seamlessly integrate with your existing systems and support your digital transformation journey.

OT Assess & Stabilise

- Digital Asset Discovery
- Dependency Mapping
- Cyber Security Assessment
- Security Controls Framework

OT Recommend & Transform

- Optimised Recommendations
- IT/OT Systems Enhancement
- OT Network Management Service
- OT Data Management Service
- SOCI Compliance Roadmap
- Network Architecture Design

OT Optimise & Operate

- Compliance Certification Support
- OT Host Management Service
- Edge Compute
- OT Host Management Service
- Switching & Routing
- Rugged WiFi
- Carriage Services
- LTE
- Public Cloud Solutions
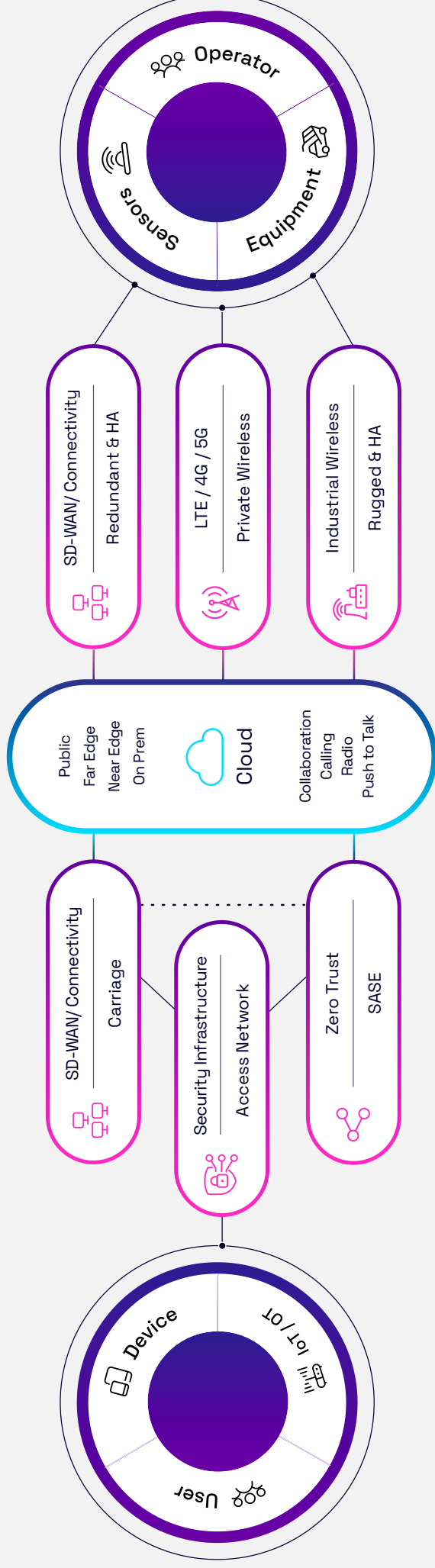- Private Cloud Solutions
- Field Services
- OT SOC Service

Orro®

Orro Go To Market – Only at Orro

Secure end to end visibility across both IT & OT environments"

Cyber Security

Orro SOC & SIEM

Operator
Sensors
Equipment

- SD-WAN/ Connectivity — Redundant & HA
- LTE / 4G / 5G — Private Wireless
- Industrial Wireless — Rugged & HA

Cloud

Public
Far Edge
Near Edge
On Prem

Collaboration
Calling
Radio
Push to Talk

- SD-WAN/ Connectivity — Carriage
- Security Infrastructure — Access Network
- Zero Trust — SASE

Device
IoT / OT
User

OneTouch Control and Technology Remote Operations Centre (TROC)

Observability and System Availability

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The future feels like this.®

We are a multi-disciplinary technology powerhouse, committed to keeping our customers secure and connected. We partner with our customers to boldly embrace the challenges of tomorrow, ignite innovation, and facilitate growth.

Trusted Partner

Our customers don't just trust us to keep them productive and secure today, but to prepare them for what's next, to grow with them over time and to collaboratively shape their future.

Strategic Advisor

With deep expertise in multiple facets of technology, our customers rely on us to provide them with strategic advice and guidance, helping them make smart moves towards a secure future.

Solution Provider

Our versatile suite of skills enables us to tackle complex challenges for our customers, providing them with complete business solutions that draw from our vast pool of expertise and resources.

Only at Orro:
IT and OT aligned – when it matters.
We know the difference.

Discover how we can help your business and your people with Securely Connected Everything™.

Reach out to the team at Orro today.

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Sydney | Melbourne | Brisbane | Perth | NZ | UK | Philippines