



Private 5G Powered by LiquidRAN™

IS-Wireless delivers sovereign, ultra-resilient Private 5G networks designed for high-demand commercial applications.

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Business Development Manager

Unleashing the Power of Private 5G

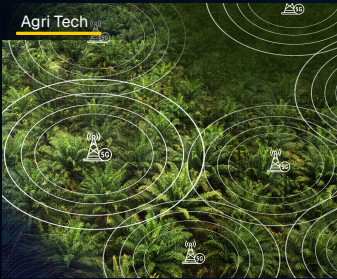
Smart City



Industry 4.0



Agri Tech



Exclusivity & Security

A fully dedicated, non-public network built only for you

Uncompromised Reliability

Runs on licensed spectrum to guarantee consistent performance

Total Ownership

Stay in control with networks managed by your enterprise, authority, or government

Deploy Without Limits

From smart factories and offices to ports, campuses, and military bases

Why Legacy Connectivity Can't Keep Up



Wi-Fi Fails Where It Matters

Legacy Wi-Fi lacks reliability, mobility, and performance



Not Built for Ultra-Low Latency

Public/Wi-Fi networks can't meet sub-10ms demands



QoS That Doesn't Exist

Legacy systems can't guarantee throughput or traffic prioritization



Security & Sovereignty at Risk

Sensitive data must stay on-premise and secure



From Limitations to Leadership with private 5G



Wi-Fi Fails Where It Matters

Robust Performance Where Others Fail

Reliable 5G in interference-heavy and mobile environments



Not Built for Ultra-Low Latency

Ultra-Low Latency

Sub-10ms responsiveness for real-time control and automation



QoS That Doesn't Exist

Guaranteed QoS

Deterministic throughput and prioritized traffic for critical apps



Security & Sovereignty at Risk

Enterprise-Grade Security

On-premise data control ensuring full sovereignty and compliance

The Game-Changing Benefits of LiquidRAN™

Cut Costs, Deploy Faster

Runs on off-the-shelf hardware for rapid rollout and lower CAPEX/OPEX

Always-On Resilience

Self-healing reconfiguration ensures uninterrupted 24/7 connectivity

AI-Powered Advantage

Near-RT RIC optimizes performance and resolves issues proactively

High-Capacity Networks

Seamlessly handles massive data flows for IoT, video, and smart city apps

Customer Use Case – Industry 4.0 in Action



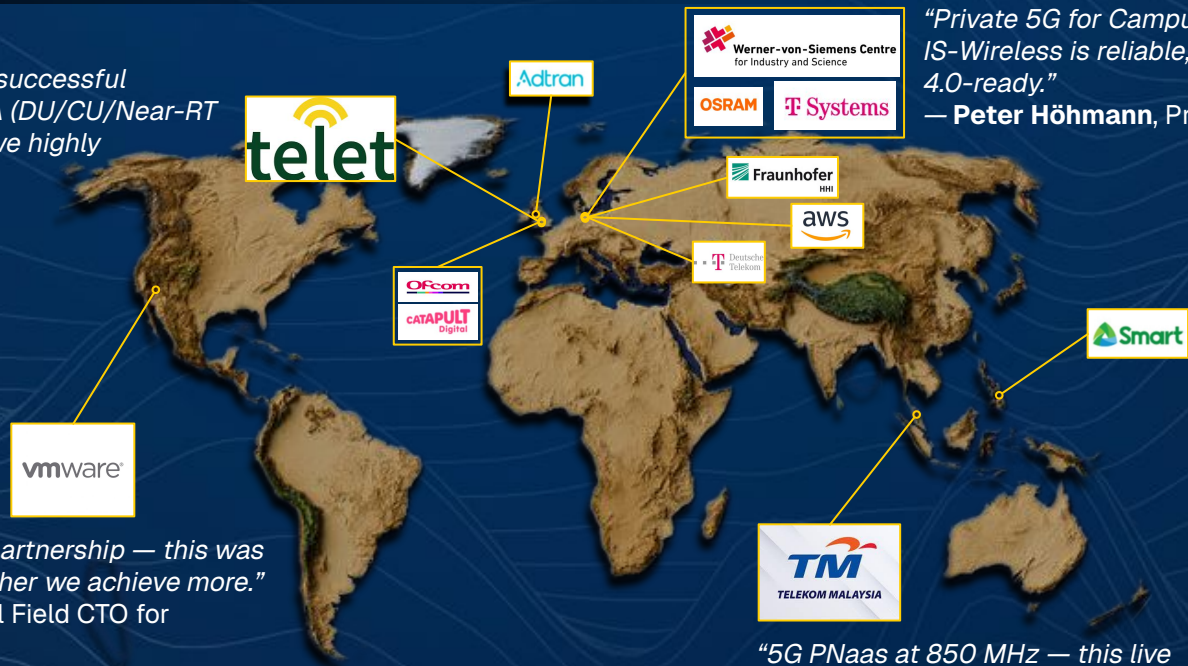
CampusDynA
(Berlin-Spandau)

Challenge	Solution	Result
Ultra-reliable, low-latency, adaptive connectivity for autonomous logistics, energy monitoring, and emergency robotics.	Open RAN-based Liquid RAN™ Private 5G with full parameter control + real-time tuning.	Operational efficiency up: smooth robot coordination + real-time energy insights.
Wi-Fi/public networks lacked deterministic QoS and flexibility.	X-Apps / AI-driven optimization for millisecond-level adjustments across use cases.	Safety & responsiveness improved via robotic situational awareness.
		Scalable, flexible campus network—a blueprint for future industrial 5G.

Our Customers

"IS-Wireless delivered a successful implementation of 5G SA (DU/CU/Near-RT RIC) private network — we highly recommend them."

— **Peter Gradwell**, COO



"O-RAN works best in partnership — this was a great proof that together we achieve more."

— **Lorcan Burke**, Global Field CTO for Service Providers

"Private 5G for CampusDynA delivered by IS-Wireless is reliable, fast, Industry 4.0-ready."

— **Peter Höhmann**, Project Manager

"5G PNaas at 850 MHz — this live demo certified that such solution can be successful."

— **Sufian Mitani**, Senior Researcher

30+ deployments worldwide

Let's connect



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Ready to connect via 5G network?
Contact us or learn more, today.

