Niral Networks Accelerates Automotive Market Entry Through Strategic DestroSolutions Partnership

Companies Unite to Deliver Next-Generation Secure V2X Communication Platform for Software-Defined Vehicle Ecosystem

FOR IMMEDIATE RELEASE

BENGALURU, India/Hyderabad, India – July 2nd, 2025 – **Niral Networks**, a leading provider of Private 5G and Edge AI platforms, has entered into a strategic partnership with **DestroSolutions**, a leading cybersecurity company specializing in Securing Software-Defined Vehicles (SDVs) and critical infrastructure. This collaboration marks Niral Networks' formal entry into the automotive domain and significantly enhances the cybersecurity posture of its 5G/6G deployments across various industries.

Addressing Critical Market Need for Secure Vehicle Connectivity

The partnership comes as the automotive industry faces mounting cybersecurity challenges, with software now comprising 40% of a modern vehicle's value and projected to reach 60% by 2030. The collaboration delivers a unified platform combining secure, real-time Vehicle-to-Everything (V2X) communication with robust, end-to-end cybersecurity from production lines to connected vehicles in the field.

Niral's cloud-native networking platform, NiralOS, enables ultra-low-latency, high-throughput communication over private 5G and emerging 6G networks. DestroSolutions strengthens this foundation by providing end-to-end cybersecurity for 5G-enabled V2X systems offering secure OTA updates, intrusion detection and prevention(IDPS), and compliance with automotive cybersecurity standards. From production lines to connected vehicles, DestroSolutions ensures that every layer of connectivity is protected, monitored, and regulation-ready.

Expanding Beyond Automotive to Critical Infrastructure

The partnership extends DestroSolutions' cybersecurity capabilities to Niral Networks' established sectors: smart manufacturing, aviation, ports, logistics hubs, and defense infrastructure. By embedding advanced threat detection, secure software delivery, and resilient communication frameworks into

NiralOS-powered networks, the combined solution ensures mission-critical environments remain protected, compliant, and future-ready.

Key applications include:

- Industry 4.0 Manufacturing: Secure ECU flashing and diagnostics over 5G-connected production lines

- Ports and Airports: Secure machine-to-cloud communication with zero-trust security enforcement

- Defense Operations: Trusted, high-performance connectivity with cyber resilience

- Connected Vehicles: Encrypted V2X communication and secure over-the-air updates

Abhijit Chaudhary, CEO of **Niral Networks**, stated: "*As industries become more software-defined and latency-sensitive, secure real-time connectivity becomes indispensable. This partnership with Destro Solutions strengthens our ability to deliver not just advanced networking, but a secure digital foundation across automotive and critical infrastructure sectors*."

Pagilla Gowthami, Founder of **DestroSolutions**, added: "*Cybersecurity is no longer optional it must be embedded into every layer of connectivity. Our collaboration with Niral Networks ensures that whether it's a vehicle, a factory, or an airport, security is engineered from the inside out, with compliance, resilience, and scalability at its core.*"

Market Validation Through Active Deployments

Pilot projects are already underway across with vehicle OEMs and industrial operators. These early deployments focus on secure software provisioning, encrypted V2X communication, remote lifecycle management, and active threat detection powered by private 5G/6G and distributed edge AI.

The initiative aligns with India's automotive sector growth trajectory, valued at $125 billion and expanding at 15% annually, alongside government mandates requiring 30% EV adoption by 2030. European regulations now mandate cybersecurity certification for all new vehicles, creating significant compliance market opportunities.

Industry Impact and Future Outlook

The partnership positions both companies to capture the growing enterprise 5G market, projected to reach $167 billion by 2030, while preparing for the 6G transition expected around 2030. The collaboration represents India's advancement from manufacturing hub to technology innovator in critical sectors, supported by government initiatives including PLI schemes for telecom equipment and automotive components.

About **Niral Networks (www.niralnetworks.com)**

Niral Networks delivers a reliable and secure Private 5G and Edge AI platform tailored for enterprises in Manufacturing, Energy, Industrial Operations, Logistics, Defense, and Automation.

Its flagship solution, NiralOS, empowers mission-critical operations with real-time connectivity, localized decision-making, and scalable performance enabling digital transformation and operational autonomy across complex industrial environments.

DestroSolutions

About **DestroSolutions (www.destrosolutions.com)**

DestroSolutions is a German-Indian cybersecurity company delivering regulation-compliant, security frameworks for Software-Defined Vehicles and connected infrastructure. Its offerings protect the full digital ecosystem spanning embedded systems, over-the-air software delivery, and connected cloud services across automotive, aviation, logistics, and defense sectors.

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