![SMARTX Community Exchange logo]

Smart Fleet Logistics

Empowering Safer, Smarter, and More Resilient Vehicle Networks

www.SmartCommunityExchange.com   www.SmartCommunityPrograms.com

SMARTX
Community Exchange

The Logistics Challenge

Limited real-time communication between fleet vehicles

Gaps in infrastructure disrupt delivery continuity

Rising cybersecurity risks

Fragmented V2V and V2I ecosystems

Solution – The PeAN Device

Acts as both base station and intelligent access node

Integrates directly with vehicle CAN bus

Creates autonomous PeAN-to-PeAN or Mesh networks

Bridges with centralized traffic and emergency systems via mobile networks

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Key Capabilities

Ultra-low latency data exchange in-vehicle and V2V

Resilient performance even in infrastructure-limited environments

Quantum-ready encryption for secure fleet operations

Accelerates decision-making in autonomous and human-operated vehicles

Enhances performance of advanced sensors (e.g., LiDAR, Nano-sensors)

Strategic Alignment

Supports Smart Logistics and mobility initiatives

Advances last-mile autonomy and coordination

Reduces risk of delivery disruption

Improves fleet-wide visibility and system resilience

Scales across legacy and next-gen vehicles

Traction & Readiness

Proof of Concept successfully completed

Core technology patents secured

MVP design specifications and production roadmap complete

Team ready for MVP prototyping and scalable subcontracting

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Seeking strategic partners for:

Minimum Viable Product (MVP) engineering

Scalable production launch

Go-to-market and pilot deployment with logistics partners

Open to:

- Strategic co-development
- Pilot trials with logistics fleet
- Joint research & visibility opportunities

Let's Build the Future of Logistics—Together

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