

DATASHEET

Unwired CloudLink.

Feature List 2025/08/14

Intelligent, managed WAN bonding service for resilient, high-bandwidth edge connectivity.

Unwired CloudLink transforms multiple cellular, Wi-Fi, Ethernet, and satellite connections into a unified, high-capacity tunnel.

Based on Bondix technology and offered as a fully managed service, it delivers seamless reliability, global reach, and simplified deployment across edge fleets and vehicle networks.

Technical Highlights

- Bondix software stack (client + server relay)
- Automatic tunnel and certificate management
- Support for multi-link media: LTE, 5G, satellite, Wi-Fi, Ethernet
- Traffic control: duplication, smoothing, weighting
- OpenMetrics monitoring; API-controlled provisioning
- VPN integration with IPSec, WireGuard, OpenVPN

Broad Platform Support

- Edge Cloud OS integration
- Agents for Linux, OpenWRT, VMs and containers
- Vendor integration: Teltonika, Digi, Advantech, and more
- Option for self-hosted server deployments with

full feature parity

Use Cases

- Seamless passenger Wi-Fi on buses and trains
- Mission-critical telemetry and IoT uplinks in remote assets (rail, oil, agriculture)
- Redundant links for mobile operations and live video streaming
- Backup internet for retail and remote offices

WAN Bonding Modes & Resilience

- Seamless failover – One WAN link is used, all WAN links stay connected.
- Load balancing with seamless handover – All WAN links are used, each one for a different application.
- Bonding (WAN aggregation) – All WAN links are

used and their bandwidth is combined.

- Packet duplication – Replicates data packets on two or more WAN links.
- Protocol agnostic – Supports any traffic type including IPSec, WireGuard, OpenVPN.

Ease of Deployment & Management

- Automatic client/server provisioning
- Fleet-wide or single-device setup
- OTA updates and GUI control interface

- Monitoring via OpenMetrics API and dashboards
- One-click tunnel configuration

Secure & Compliant Infrastructure

- ISO 27001 and ISO 9001 certified
- Certificate-based authentication and TLS tunnel management
- Global geo-redundant relay servers (EU/US) with custom regions possible