FREEWAVE ZENTRY
Industrial-Grade Zero Trust Solution

FreeWave Zentry™ is an industry-optimized zero trust security and connectivity solution built to secure operational technology (OT), Industrial IoT (IIoT), and distributed assets in harsh and remote environments. The Zentry solution is designed for industrial enterprises that require resilient, compliant, and scalable security from SCADA sites, manufacturing floors, and utilities to agriculture and defense networks.

KEY FEATURES

- **Operational Zero Trust**
  Continuous authentication of every device and user. End-to-end encryption and microsegmentation across the network. Identity-driven policies with least-privilege access enforcement.
- **Secure Connectivity**
  Invisible attack surface with no open ports or static tunnels exploitable by attackers. Works seamlessly across OT, IIoT, and enterprise environments.
- **Resilience & Continuity**
  Secure sessions remain enforceable during network link loss. Deterministic control minimizes false positives for streamlined security operations.
- **Simple Deployment & Management**
  Quick setup and integration without complex configurations. Centralized visibility and control via the Zentry Console. Automate access triggers and device policies for operational efficiency.

RETHINKING HOW INDUSTRIAL NETWORKS ARE PROTECTED

Zero Trust by Design

Built on a true "never trust, always verify" architecture, the Zentry solution continuously authenticates every user and device at every point of access. By eliminating static IP addresses and traditional perimeter-based defenses, it removes common attack vectors before they can be exploited. Integrated microsegmentation further strengthens security by isolating threats and preventing lateral movement across the network.

Industrial-Ready Resilience

The FreeWave Zentry solution is purpose-built for operational technology and IIoT environments where connectivity may be intermittent or unreliable. Local policy enforcement ensures secure operations continue even during network outages, maintaining control and visibility at the edge. Its ephemeral session architecture enables access only when needed, significantly reducing persistent exposure and limiting risk.

Seamless, Flexible Integration and Compliance

Designed to fit into existing security ecosystems, Zentry integrates with current SOC and SIEM tools without requiring disruptive network changes. It aligns with leading zero trust cybersecurity frameworks, including NIST SP 800-207 and the CISA Zero Trust Maturity Model, helping organizations strengthen security posture while supporting compliance objectives.

The Zentry solution can be embedded in the FreeWave Elements™ ES1000 allowing turnkey zero trust and connectivity in a trusted FreeWave rugged device. The Zentry solution can also be leveraged as a standalone solution that can run in Linux-based gateways, industrial boxes or other devices making it a flexible solution for OEMS and existing infrastructure.

The Zentry solution delivers industrial-grade zero trust security purpose-built for OT and IIoT environments, combining strong protection with operational resilience and simplicity. By continuously authenticating every user and device, eliminating static IP exposure, and using microsegmentation to prevent lateral movement, Zentry dramatically reduces the attack surface of critical networks. Its ability to enforce security policies locally ensures uninterrupted, secure operations even in the face of intermittent connectivity, while ephemeral, on-demand sessions minimize persistent risk.

FUNCTIONALITY & INFORMATION

NETWORK PORTS SUPPORT

Ability to isolate port connections for indidivual identities and functionality.

DEPLOYMENT MODELS

Agent can be deployed on a multitude of operating systems Windows, Linux, Android, iOS and SDK.
Fabric is SaaS.

INFORMATION TO ORDER

Model Number	ZENTRY
Required additions	CLIENT-LIC
	Zentry Console
	SUPPORT-SVCS

INDUSTRY USE CASES

Manufacturing & Automation

Secure factory floors with continuous identity verification for PLCs, sensors, and actuators.

Utilities & Critical Infrastructure

Comply with regulatory standards while protecting remote substations, grids, and assets.

Agriculture & Field Operations

Extend secure connectivity to distributed equipment across large geographic areas.

Zentry enables organizations to strengthen cybersecurity, support compliance goals, and modernize industrial connectivity without disrupting operations.

CONTACT US

5395 Pearl Parkway, Boulder, CO 80301
TF 866.923.6168 T 303.381.9200
For more information, visit www.freewave.com

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