



Safeguard the Industrial Edge with EmberOT and Garland Technology.

Critical infrastructure security is of paramount importance. To enhance efficiency and achieve comprehensive network visibility, it is essential for organizations to adopt innovative technologies. Alarming, 90% of OT environments monitor less than 20% of their assets, creating significant gaps that allow threats and vulnerabilities to go undetected.

Garland Technology and EmberOT provide unparalleled visibility into the Industrial Edge. Garland's industry-leading Network TAPs, Network Packet Brokers, and Hardware Data Diodes seamlessly integrate with the EmberOT software, enabling comprehensive asset inventory, threat detection, mitigation, and vulnerability management. Garland Technology's purpose-built Network TAPs and Packet Brokers, specifically designed for the industrial sector, ensure that industrial teams have the necessary data to respond effectively to cyberattacks. Collaborating with EmberOT, OT/ICS teams can achieve enhanced visibility, reduced risks, and improved operational performance through real-time monitoring and defense solutions.

How it Works

At the Industrial Edge, it has never been more important to secure, analyze and process data. This new solution between Garland Technology and EmberOT does just that.

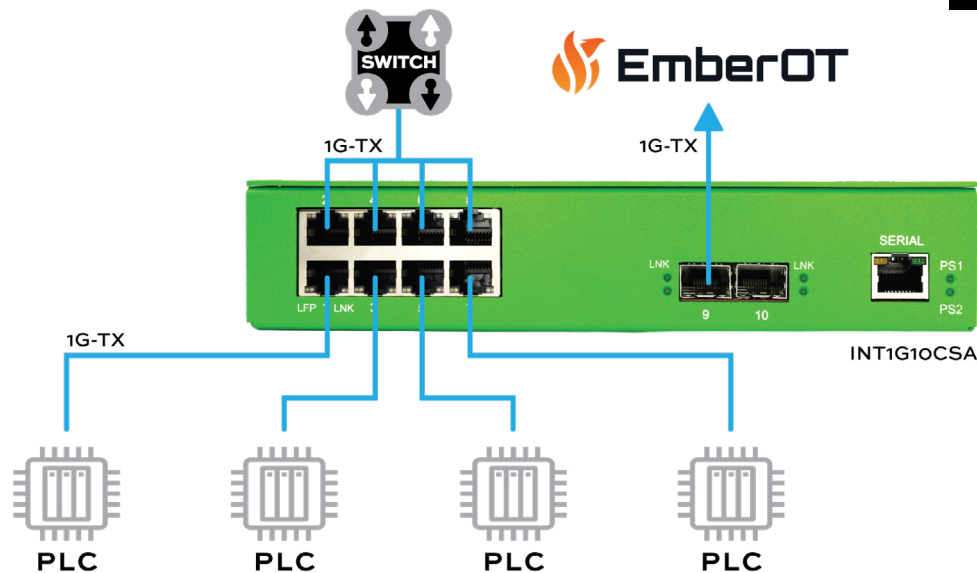
1. **Protecting the Edge** begins with deploying a Garland Technology Network TAP to copy full duplex traffic from the network. Unlike SPAN/Mirror Ports, Garland Technology's TAPs overcome inherent limitations, ensuring a guaranteed unidirectional traffic flow with the native Data Diode TAP functionality.
2. A full copy of network traffic is sent to the EmberOT Ember sensor for real-time visibility, asset inventory, and analytics.
3. Once this traffic has been analyzed, the EmberOT solution delivers actionable insights and enhanced observability. These insights can be forwarded to a SIEM, Data Lake, or MSSP to strengthen and enrich existing security infrastructure.

EmberOT Key Features

- Designed to deploy nearly anywhere, bringing observability to highly disparate environments
- Real-time asset inventory and risk index
- Vulnerability management
- Simplified and prioritized events and alerts
- Monitor and detect both operational and cyber events as they're happening

Garland Technology Key Features

- 100% Visibility into network traffic
- Passive solution
- No IP or Mac Address – can't be hacked
- TAPs designed for OT Environments
- Hardware data diode enforces one-way traffic flow -no risk of packet injection



Why EmberOT and Garland Technology?

By partnering with EmberOT and Garland Technology, organizations can achieve comprehensive asset visibility through network packet data. The deployment of the EmberOT and Garland Technology solution ensures robust visibility and security across complex industrial networks. Garland Technology collects and aggregates data from both on-premises and off-site locations, providing a centralized source of network traffic. EmberOT delivers strategic security insights, streamlined deployment, and operational resilience. This partnership enables full visibility into an OT environment, allowing for the detection and response to network changes, cyber threats, risks, and anomalies before they can cause operational disruptions.

About EmberOT

EmberOT solves critical infrastructure security challenges by meeting organizations where they are today. Predecessor solutions are hardware-dependent and cost-prohibitive. EmberOT's software-based sensors help organizations monitor and defend their environments NOW while showing them a path to the FUTURE, combining secure by design with defense in depth. Our software provides immediate observability and detection, coupled with actionable insights and guidance on "What should I do next?" to ensure critical infrastructure resilience and security. For more about EmberOT, visit www.emberot.com or email info@emberot.com.

About Garland Technology

Garland Technology is an industry leader of IT and OT network solutions for enterprise, critical infrastructures, and government agencies worldwide. Since 2011, Garland Technology has been engineering and manufacturing simple, reliable, and affordable Network TAPs and Network Packet Brokers in Richardson, TX. For help identifying the right IT/OT network visibility solutions for projects large and small, or to learn more about the inventor of the first bypass technology, visit GarlandTechnology.com.



Have Questions?

sales@garlandtechnology.com | +1 716.242.8500
GarlandTechnology.com/emberot

