GARLAND
TECHNOLOGY
See every bit, byte, and packet®

Enhancing Facility Management Security at Financial Institutions with Complete Network Visibility
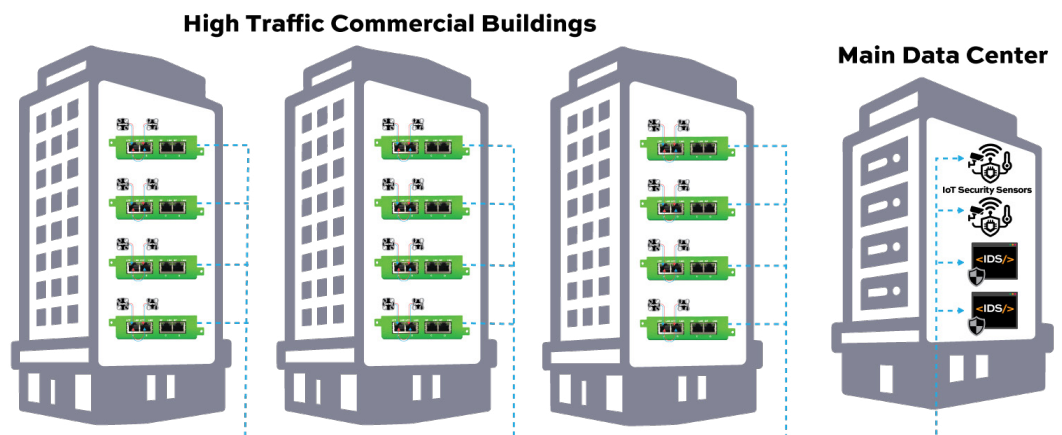
▍Challenge

Financial institutions must maintain high security across IoT networks under intense regulatory scrutiny. Facility management teams need complete network visibility with no single point of failure to secure critical infrastructure including HVAC, surveillance, and access control systems. A major financial institution partnered with Garland Technology to strengthen their network security by ensuring real-time visibility for their Intrusion Detection System (IDS) and IoT security sensors to enhance threat detection and safeguard building systems.

▍The TAP to Tool™ Solution

1. Garland provided a scalable, easy-to-deploy solution using Copper Aggregator TAPs to capture and aggregate 100% full-duplex network traffic without introducing single points of failure or degrading performance. Unlike SPAN ports, Garland TAPs ensure uninterrupted performance even during device failures, enabling real-time visibility for threat detection and IoT device monitoring.

2. The customer needed traffic visibility across a large data center and multiple commercial buildings. They required a solution to aggregate network traffic and transmit it securely to their main data center for analysis. By choosing TAP-based deployment instead of SPAN, they eliminated complex configurations, reduced implementation time, and ensured complete packet visibility.

3. By implementing Garland's Aggregator TAPs, the facility management team centralized traffic monitoring across all locations, providing their IoT sensors and security tools with real-time data. This strengthened compliance adherence and reinforced critical infrastructure security against cyber threats.

▍Benefits

- Complete network visibility.
- Built-in failsafe in TAPs.
- Easy deployment.
- More data sent to IDS and IoT sensors.

High Traffic Commercial Buildings

Main Data Center

IoT Security Sensors

<IDS/>

<IDS/>

G

Have Questions?
sales@garlandtechnology.com | +1 716.242.8500 | GarlandTechnology.com

04.02.25