



Monitor and analyze the entire IT ecosystem in real-time with real insights

IT teams are juggling various demands, pressures, and threats across an ever-expanding network that is becoming more multi-cloud, multi-device, and multisite by the day. The capability to monitor and understand critical applications is a must. IT managers that have access to real-time and historical views of network traffic are better equipped to meet these complexities head-on. IT managers with visibility into wire data and log data have a powerful combination of insights at the ready. An optimized network architecture that provides 100% visibility for a single monitoring and observability platform helps ensure resources are deployed and failures are addressed immediately. The joint solution between Viewtinet and Garland Technology allows IT teams to understand which applications are causing bottlenecks, see how traffic is split between various entities of an enterprise, and know when applications are experiencing degradation.

Viewtinet and Garland Technology help you see what's important

Viewtinet offers smart analytics and real-time monitoring for the entire IT ecosystem. With Viewtinet's high-density platform, IT teams can integrate and correlate logs from any data source, any vendor, in any format while leveraging Deep Packet Inspection (DPI) for IP traffic analysis. It can also be used for forensic analysis with the packet sniffer capability and PCAP generator. Analyzing log and wire data is feasible due to the total solution from Viewtinet and Garland Technology. Garland Technology's network TAP (Test Access Point) and network Packet Broker solutions guarantee 100% of network packets are sent to Viewtinet's probe, enabling Viewtinet to provide functions like IP traffic analysis, log analysis, data processing, and analytics interface in a single appliance. Additionally, Viewtinet's DPI technology enables application recognition and granular insights about the QoE of the applications. Garland Technology enables this potent arsenal of capabilities from Viewtinet by delivering copies of full-duplex traffic reliably with no dropped packets, no risk of over-subscription of the Viewtinet probe, and no negative performance impact on the network.

Business Benefits

- Single pane view of all devices on the network
- Monitor critical applications 24/7 reducing risks to network uptime
- Efficient use of personnel giving them access to all logs of every system
- Interactive dashboards that require no expertise to set-up means faster start-up
- Reduced Total Cost of Ownership due to unique correlation feature and database management
- Scalability to address future traffic, speed, and tool needs
- Aggregation of traffic optimizes IT budget
- Single monitoring probe reduces possibility of adding new points of failure in the network

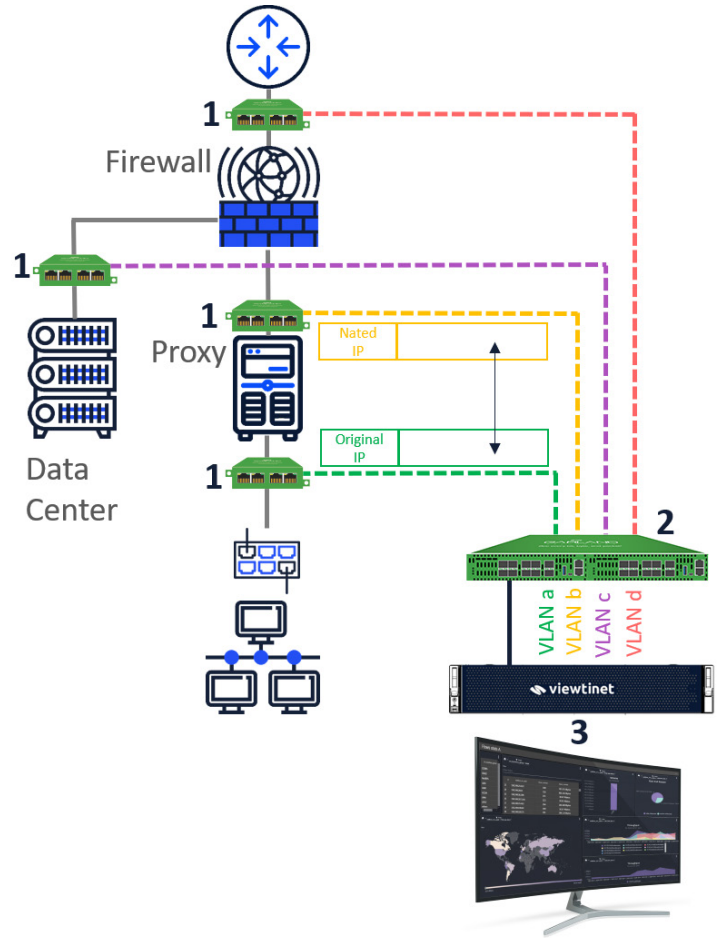
Functionality Benefits

- 100% network visibility
- No dropped packets and no blind spots in the network
- Network TAPs do not have an IP address or MAC address and cannot be hacked
- Packet Broker can add VLAN tags
- Combine flow data analytics with log analytics (syslog, netflow, SNMP, API, etc.)
- Traffic shaping with QoS and TCP optimizations
- SIP and RTP detailed KQIs
- Application recognition
- Anomaly detection
- Alarms and events
- 24x7 packet sniffer with high retention rate and PCAP generator
- Path identification even when there is NAT in the network

HOW IT WORKS

Out-of-Band Network Traffic Analysis

1. Physical network TAPs from Garland Technology copy full-duplex traffic from various segments of the network.
2. Tapped traffic from multiple points of the network is delivered to a Garland Technology Network Packet Broker for aggregation. The Packet Broker sends aggregated traffic with different VLANs to the Viewtinet appliance.
3. Viewtinet analyzes the entire traffic and provides the storage and analytics from a single device.



About Viewtinet

At a time where companies must deal with a multi-vendor, multi-cloud, multi-device ecosystem, Viewtinet provides a complete smart analytics and network optimization solution to help companies have full network visibility and control in a single pane view. Viewtinet can ingest log data from any vendor, in any format, within the IT, OT & IoT ecosystem. Its DPI probe provides complete insights of wire data. These two domains of data together under the same analytics tool makes Viewtinet a very unique proposition for enterprise and service provider environments.

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, Texas. 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 or [@garland-technology-llc](https://twitter.com/garland-technology-llc).



Have Questions?

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GarlandTechnology.com/viewtinet



See every bit, byte, and packet.®