

# Viewer II

## Return Path Management Software

- Powerful Operating Tools for Managing Return Path Data
- Real-time Diagnosis and Problem Resolution
- Detailed Logs and Activity Summaries
- Easy to Integrate, Simple to Use

Trilithic's Viewer II™ software package is a comprehensive viewing and trap management program specifically designed for ingress management and troubleshooting in large territories overseen by a NOC (network operations center).

Available exclusively on the Guardian II™ integrated server package, the program is designed to optimize and enhance the performance of the Trilithic Guardian II return path maintenance system, particularly the 9581 SST™, release 4 return path analyzer.

Viewer II allows the operator to display, sort, and manage SNMP traps and to see a live-view display that shows the current spectra of selected nodes. It also enables the operator to select resolution bandwidths, displayed frequency span, detector modes and other characteristics for 9581 SST-R4 units in the hubs or head-ends.

### Incident Manager to Track Node Ingress

When node ingress is detected, Viewer II automatically creates and manages an incident for the node, allowing the problem to be monitored and tracked until it is resolved. The incident

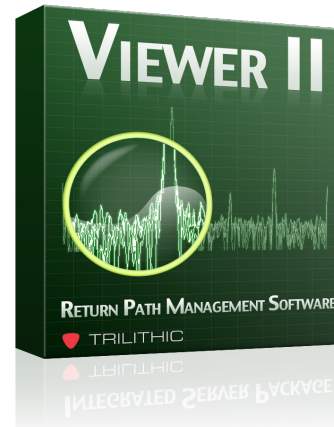
manager allows users to prioritize and filter ingress problems by several criteria and, when used in a group management environment, allows each incident to be assigned to the appropriate user for resolution.

### Element Manager for Structured Viewing of Nodes

The element manager allows nodes to be organized into any number of logical tree-type representations called element views. Elements can be structured to provide a quick view into the status of the entire system, or of selected parts of the cable network. Element trees can be created to represent any desired configuration. For example: by geographical location, hub, CMTS blade, service technician or power supply.

### Node View

The current spectrum, status, and recent history of any node may be viewed graphically in the node view. Node view includes the current node spectrum, more than 30 minutes of historical spectrum, and up to 1000 of the most recent threshold alarm spectrum. Any number of node views may be opened and displayed at once.



### Chronological Event History List

Viewer II displays a chronological list of all ingress alarms generated by the 9581 SST hardware. When node ingress levels reach any of the user-defined thresholds, Viewer II logs an entry into the event history list indicating the location and severity of the violation.

### Reporting

Viewer II reporting services allow users to quickly generate detailed or summarized reports to assist in the recording and trending of node histories and performance. Reports may be printed or exported to several popular file formats.

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### SPECIFICATIONS

#### Integrated Software Specifications

<b>Microsoft Windows® 2003 Server</b>	A comprehensive, integrated, and dependable server platform designed to reduce costs and increase the efficiency and effectiveness of computing operations.
<b>Microsoft SQL® Server</b>	More than a relational database management system; it is a complete database and analysis product that meets the scalability and reliability requirements of the most demanding enterprises.
<b>Viewer II Server/Client</b>	Viewing and management software designed to make optimum use of the broad feature sets of Trilithic monitoring equipment (9581 SST-R4 return path analyzer), and is used for spectrum management and troubleshooting.
<b>SST Configure Software</b>	Configures 9581 SST for network access, monitoring and field unit support.

#### Hardware Specifications - Specially Configured Dell PowerEdge® 2U Rack Mount Server

<b>Storage</b>	Supports one year of data for 3,000 nodes
<b>Warranty</b>	Next business day, parts and labor On-site response – 3 years (from Dell)

#### Ordering Information - Guardian II Integrated Server Package

<b>Part Number</b>	2011009100
<b>Includes the Following Optional Accessories</b>	Pre-configured server including Viewer II, one onboard Viewer II client plus six additional Viewer II clients, and SST Configure software

#### Optional Accessories

<b>One Additional Viewer II Client License</b>	P/N 0930098100
<b>Six Additional Viewer II Client Licenses</b>	P/N 0930098106