



IntraVUE™ Industrial Network Visualization and Analytics

Speed Problem Detection and Diagnosis Complete Views of All Devices and Connectivity

Ethernet networks provide critical links between the manufacturing automation applications and the business systems. These critical networks require collaboration between IT and OT organizations as early detection, diagnosis and problem resolution will enhance operational performance.

IntraVUE is a premiere application software tool, which provides visibility into all levels of devices and connectivity, enabling visibility and awareness to operational field technicians and rich data for analysis by Manufacturing IT and controls professionals. It empowers controls professionals to shift from a reactive to a proactive response approach to:

- Speed documentation and deployment
- Optimize ongoing performance by leveraging advanced analytics
- Improve the uptime and performance of critical, real-time networks

Increase Awareness with Greater Visibility

IntraVUE delivers real-time, graphical visibility into devices that reside on the edge of the network, leveraging switch data to detect many issues that can disrupt performance or availability.

Designed for ease-of-installation and minimal required training, the software automatically detects the locations of all Ethernet-connected

devices, and assembles them into a “map” of the physical layer network infrastructure that details:

- Devices
- Associated IP addresses
- How devices are connected to each other

This information enables you to visualize and understand devices through a comprehensive, accurate view of the entire Ethernet device architecture. Once devices are detected, IntraVUE provides 24/7 monitoring and data capture, automatically generating notifications for the most common plant floor network issues.

Speed Documentation and Deployment

Available as an Internet download to a laptop or industrial PC, IntraVUE can be deployed quickly and is easy to maintain. As your architecture and number of connected devices increase, IntraVUE can seamlessly scale from a handful of devices to thousands. The software simplifies a variety of deployment tasks, including:

- Support for interactions between the system integrator, installer and the end user
- Validation of as-built versus current state
- Create network topology drawings
- Disaster recovery

Realize Fast Return-on-Investment

Once installed, IntraVUE customers typically realize ROI in less than six months, to resolving problems with device connectivity and configuration, and reducing the time and cost associated with network expansions.

Collect and Document Actionable Data

IntraVUE documents and stores data in an internal relational database on specific details relating to what is connected to your network, events and time periods providing you with port-by-port mapping. This real-time data delivers a live view of your network as well as details for diagnostics and advanced analytics.

- Continuously scans connected devices
- Identifies and tracks changes
- Does not need to be connected (providing offline views)
- Does not require seat licenses (downloads are free)
- Can run on numerous computers in distributed architecture

Diagnose Network Problems from Any Location

Designed for immediate problem analysis or periodic maintenance reviews, IntraVUE online Diagnostic Report Generator is accessible 24/7/365 from any laptop, tablet or smartphone—on-site or remotely. Users can generate various reports, which are targeted to the skills and responsibilities of that user. Once requested, reports are available via email in minutes. From the diagnostic report, the user can work with IntraVUE data analysis tools including event logs and trend reporting to definitively identify root cause and establish resolution to the problem.

Use Advanced Analytics to Accelerate Troubleshooting

IntraVUE narrows the scope of problem detection by establishing key performance indicators (KPI) and generating daily KPI reports that provide instant access to information on issues affecting critical equipment.

Anywhere Access

Diagnostic and KPI Reports are available 24/7/365 via laptop, tablet or smartphone on both iOS and Android devices. Report details are tailored to the responsibilities and skill levels of various users, including:

- Maintenance technicians
- Control engineers
- Manufacturing IT and network professionals

Pinpoint and Resolve Connectivity Failures

Once the most critical areas of concern have been identified either by the on-demand Network Analytics report or by visual representation of the IntraVUE interface, you can return to IntraVUE to access granular views, by device.

Drill-down boxes provide information at the device level about:

- Connections
- Event histories
- Support documentation

In addition to the software, Panduit also can provide IntraVUE users with advanced features and hardware that:

- Enables users to have visibility to non-routable networks and islands of automation
- Can be installed at multiple sites
- Access dashboards with trend graphing
- Automatically assign static IP addresses to edge devices

Simplify the Management of Ethernet Connectivity

With fast, simplified problem detection and diagnosis, IntraVUE enables manufacturers to gain a reliable, secure, robust physical layer network in today's complex and highly sensitive industrial automation ecosystem.

Learn more

For more information about IntraVUE from Panduit, email IAI@panduit.com or visit www.panduit.com/intravue.

¹ License and annual maintenance purchase required for access to software.

