IntraVUE™ Industrial Network Visualization and Analytics

IntraVUE™ Software delivers real-time information and a graphical view of the industrial network, while monitoring device interactions to detect many issues that can disrupt performance or availability. Designed for ease-of-use and minimal training, the software automatically detects all Ethernet-connected devices, and assembles them into a connection tree diagram of the physical layer network infrastructure.

Performing 24/7 monitoring of the system, IntraVUE™ Software captures intermittent disturbances and overall health information on devices and connections, and generates notifications on plant floor network disruptions. The software helps to speed both documentation and deployment, and provides advanced analytics to optimize ongoing performance.

IntraVUE™ Software is part of the Panduit® industrial building blocks, supporting network convergence in a secure, protected environment while allowing identification and reporting of critical information. These building blocks enable a reliable end-to-end physical layer infrastructure—from the enterprise to the field devices.

Key Features — Benefits

Key Features	Benefits
Vendor neutral design	Supports legacy and modern automation systems and devices from multiple vendors operating on standard, industrial Ethernet while also incorporating industrial Ethernet protocols like EtherNet/IP* and PROFINET; this provides visibility to the complete plant automation system and helps evolve these systems to modern IoT and Industrie 4.0 architectures
Validation tested on automation networks and devices	Ensures that while providing visibility and analytics, the monitoring traffic will not disrupt live manufacturing or process system activity to increase confidence in system reliability
Real-time monitoring	Pulls relevant and time-critical context and performance details from Ethernet devices within the system, including both networking and field devices, maximizing useful data while minimizing the impact to the network
Simplified visualization	Enables intuitive visibility of the networked automation system within the user interface, with tools to formalized documentation of the Ethernet networked system for improved document control
Scalable licensing	Offers expansion capabilities as the number of devices at a site grows, and an add-on supervisor highlights visibility of key performance indicators across multiple plants and large networks for future growth
Client/server architecture	Constantly monitors multiple subnet network over local connection while providing convenient visibility and documentation from WAN or VPN client to simplify plant monitoring over long distances
Optional hardware appliance for non-routable networks	Monitors isolated networks without opening them up to the plant network; performs monitoring at the field device and feeds the data to the licensed IntraVUE™ Server to provide holistic visibility to the complete plant network
Infrastructure analytics	Initiate on-demand analysis of system performance to identify key risks present on the network and determine root cause, improving system uptime and helping move to predictive maintenance of critical infrastructure
Key performance indicators	Provide metrics on performance of critical elements of automation system in 24-hour view and 30-day trending view to increase the uptime and stability of the system

System Requirements

Server	RAM: 2 GB Processor: no special requirements Disk space: 4 GB OS: WINDOWS^ 2000; WINDOWS^ Server 2000, 2003, and 2008; WINDOWS^ XP Pro; WINDOWS^ 7 all 32-bit and 64-bit
Client	Browsers: WINDOWS Internet Explorer^ 11 (some new features may not work in older versions of IE), Firefox Java: 8, current or recent versions (will be installed as part of IntraVUE™ Server Installation, if not already installed)

*EtherNet/IP is a trademark of ODVA.

^WINDOWS and Internet Explorer are registered trademarks of Microsoft Corporation in the United States and/or other countries.

Ordering Information

Part Number	Description
IntraVUE™ Software Subscription, Standard - *enables industrial system documentation, monitoring and analytics*	
SNMS-0128	Standard annual subscription package, 128 node.
SNMS-0256	Standard annual subscription package, 256 node.
SNMS-0512	Standard annual subscription package, 512 node.
SNMS-1024	Standard annual subscription package, 1024 node.
SNMS-2048	Standard annual subscription package, 2048 node.
SNMS-4096	Standard annual subscription package, 4096 node.
SNMS-8192	Standard annual subscription package, 8192 node.

Part Number	Description
IntraVUE™ Software Subscription, Advanced - *standard package, plus supervisor and advanced dashboard*	
SNMA-0128	Advanced annual subscription package, 128 node.
SNMA-0256	Advanced annual subscription package, 256 node.
SNMA-0512	Advanced annual subscription package, 512 node.
SNMA-1024	Advanced annual subscription package, 1024 node.
SNMA-2048	Advanced annual subscription package, 2048 node.
SNMA-4096	Advanced annual subscription package, 4096 node.
SNMA-8192	Advanced annual subscription package, 8192 node.

Support for networks that exceed the above IP device counts are also available upon request.

Computer Hardware

Part Number	Description
WNMS-APPL	Appliance package.
RX-APPLIANCE	Annual hardware warranty for appliance (WNMS-APPL).
WNMS-USBKEY	USB hardware license that enables bridge and access to those networks below PLCs.

Auto-IP - *simplifies process of assigning a static IP address to new or replacement services*

Part Number	Description
AUTO-IP-16	Auto-IP, supports up to 16 node device recovery mechanisms.
AUTO-IP-32	Auto-IP, supports up to 32 node device recovery mechanisms.
AUTO-IP-64	Auto-IP, supports up to 64 node device recovery mechanisms.
AUTO-IP-128	Auto-IP, supports up to 128 node device recovery mechanisms.
AUTO-IP-256	Auto-IP, supports up to 256 node device recovery mechanisms.
AUTO-IP-512	Auto-IP, supports up to 512 node device recovery mechanisms.

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