

IntraVue

PcVue Solutions®
CERTIFIED

IntraVue

Industrial Ethernet Monitoring Maintenance & Diagnosis Software

www.intravue.net

www.pcvuesolutions.com



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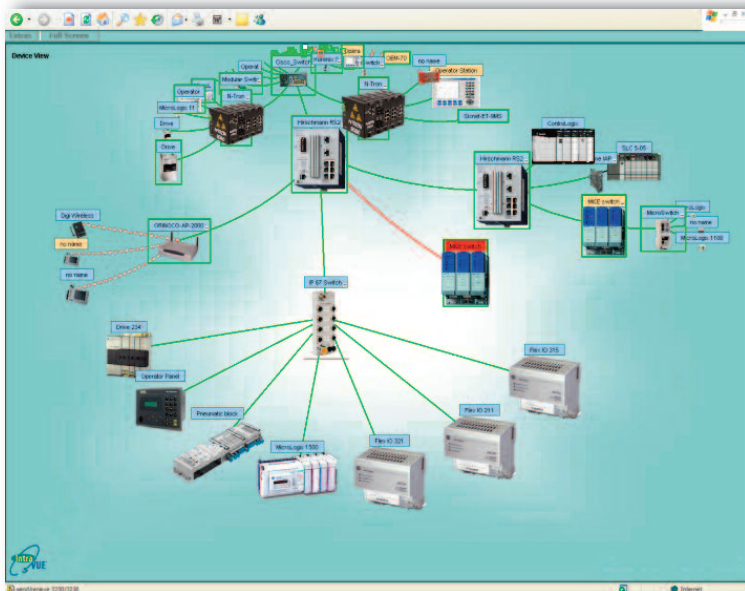
IntraVue

A complete support system for Industrial Ethernet device communications

www.intravue.net

IntraVue is the next generation of software aimed specifically at the issues facing Ethernet deployment in Process or Manufacturing applications. Developed to assist individuals who are not network experts but do require a method to quickly identify the typical problems that can create loss of production data or even a process shutdown.

Now fully Web Based, IntraVue can be installed in the process or manufacturing network to be viewed as well as managed remotely. From simple LANs to complex Corporate multi-VLAN Cisco installations, IntraVue now provides automatic and accurate real time viewing which will highlight the major sources of plant floor disruptions. IntraVue is the result of over 4 years of practical experience gained from the initial IntraVue product released in 2003. With over 400 installations worldwide, our experience and customer inputs have allowed us to develop optimized methods that assist individuals who may have little network expertise. IntraVue will not only highlight but generate alarms for the most common plant floor problems.



► **Empower local resources and reduce response times by 80%, resulting in significant reduction of data and process downtime!**

► EASILY IDENTIFY TYPICAL PLANT FLOOR PROBLEMS:

- Duplicate addressing IP & MAC
- Cabling problems (connector or grounding)
- Broadcast storms or excessive bandwidth
- Intermittent device problems
- Device lock-ups
- Misbehaving or overloaded devices
- Foreign laptops connecting
- Devices or connections moved

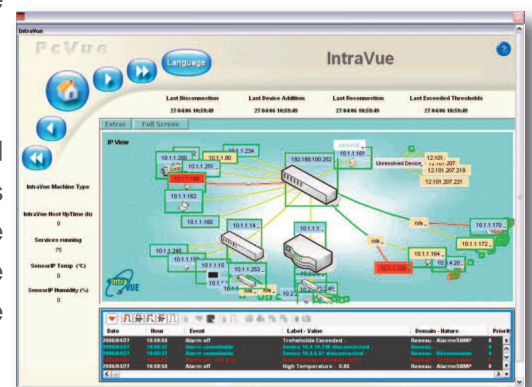
Automatic discovery, automatic mapping, and continuous automatic updating

The ability of **IntraVue** to automatically discover all of the devices on the network and then automatically map their connections is unique.

IntraVue provides a color coded, real time view of devices and connections while highlighting problem areas makes this software clearly the product of choice for Industrial Ethernet applications. Unlike other tools which may have automatic discovery but then require manual mapping, or a current view but with no trending capability, **IntraVue** provides all the required components in a very easy to use package designed for the unique problems and resources of the Industrial environment.

Integrate IntraVue with other HMI or SCADA systems

IntraVue is engineered to run well on low performance Window's based platforms. Its compatible with many browser applications and typically displays 500 devices in 5 seconds or less. A dedicated interface is provided with PcVue Scada. The graphical Interface of intraVue can be displayed within PcVue mimics. Networks events and private SNMP data can be integrated in PcVue realtime database and alarm management.



http://127.0.0.1:8000 - Thresholds - Microsoft Internet Explorer

Connection from: 10.1.1.142
Connection to: 10.1.1.253.5 (bandwidth data source)

Enable/Description

	Threshold	Current
<input checked="" type="checkbox"/> Rcvd Bandwidth %	30.00	0.453
Xmtd Bandwidth %	30.00	0.107
<input checked="" type="checkbox"/> Ping response msec	30.00	4.226
Ping failures %	20.00	0.000

Update

Previous 3 hours

Previous 3 hours

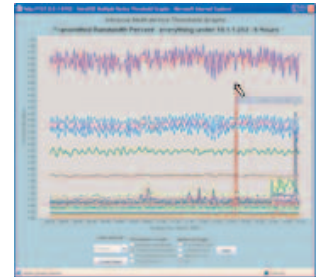
Applet active started

Internet

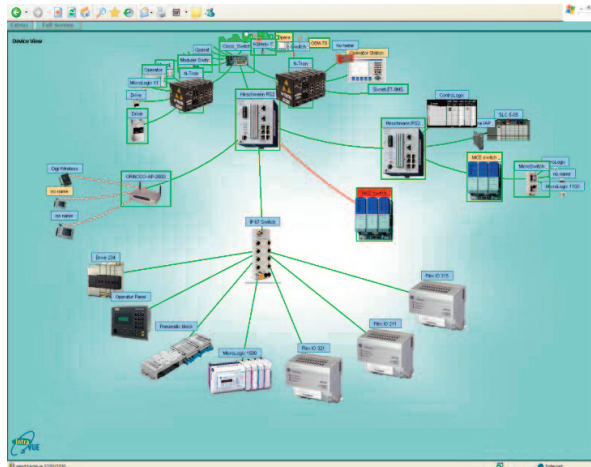
Right clicking a connection opens a window in which trends can help identify if a communication problem is network or application/driver related.

Communication event log

Finding which device out of hundreds that is having communication problems or that is generating excess traffic is now a click away. With the new trending feature you can select an area, a time period, parameters, and choose device types to trend.



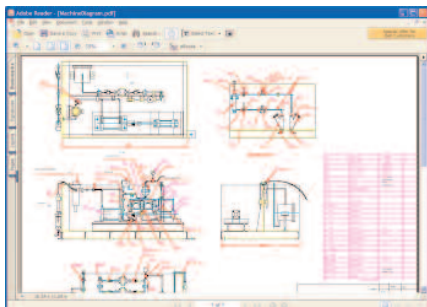
All the necessary details come up in a single window. Links allow further access to real time data from the devices web-link or details such as: User Manual, Wiring Diagrams, Operating Procedures, and SNMP data.



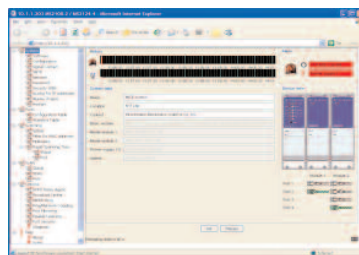
The screenshot shows a web browser window displaying the 'SNMP Property Report for IP = 10.1.1.252'. The report is presented as a table with the following data:

OID	Description	Value	Status
IP Address		10.1.1.252	
SubID		205.285.0.0	
MAC Address		00-0A-F4-9A-D0-00	
Name		chris@cs.cmu.edu	
Description		<p>Classroom network Operating System Software IPv4 and IPv6 Release 2.095.0402.00, Version 1.2, 2004-04-04 RELEASE SOFTWARE (c) Copyright 1998-2004 by Cisco Systems, Inc. Compiled May 14 04:04:09 1998-malibu</p>	
Location			

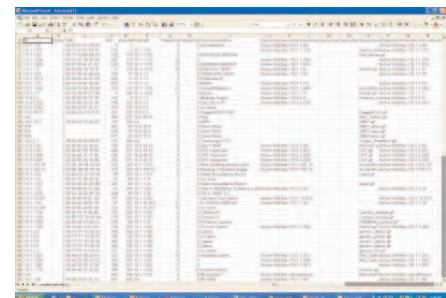
IntraVue is structured to provide device specific tag information that will come from protocols such as SNMP, EtherNet/IP, and PROFINet.



Extending the device maintenance focus, IntraVue establishes a framework in which each device can have up to 12 links to allow user manual, wiring diagrams, and operating procedures to be opened from the device details window



Most devices offering an Ethernet connection also provide a web page interface for configuration and diagnostics. IntraVue automatically discovers if a link is available and creates a button to gain access. There is no hunting for the appropriate URL, just select the device and open the web-page.



Asset reports that identify not only the devices with their IP and MAC addresses but their connection locations (port-to-port wiring) can be generated instantly. The Import/Export function allows easy documentation that would take hours of manual labor to accomplish.

ABOUT US

Founded in 1981, **ARC Informatique** is a privately held company with its headquarters in Sevres, Paris area, France. The company develops and markets industrial software. Originally designed for the process and manufacturing industries, the software now also caters for infrastructures (tunnels and motorways), water (treatment stations, potable water distribution), transport (tramways, trains and airports), building management systems (BMS) and power generation & distribution. In 2008, **Arc Informatique** launched the **PcVue Solutions** offer of software, hardware and application support as a global service to the market.



ISO 9001:2000 certified since July 2003, the company has an international presence via direct sales offices in the USA, Europe

and Asia plus a network of distributors as a sales channel. **Arc Informatique** has OEM agreements with Jumo, Veolia Water Division, Quantum Automation, Schneider Electric and Yokogawa that allow these companies to ship versions of the **PcVue Solutions** offer under their own brands.

To date, over **38,000** licenses have been installed worldwide.

► **PcVue Solutions** is a suite of software and hardware for visualisation, control, management and data analysis for industrial, building, infrastructure and utilities applications.

PcVue - HMI/SCADA software

WebVue - Web access solution

PlantVue - Stand alone HMI solution

FrontVue - Graphical user interface

Dream Report - Reporting tool

IntraVue - Industrial Ethernet diagnosis software

Alert - Industrial on call management system

Ethernet Direct - Industrial Ethernet switches

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