



What's new?



www.pcvuesolutions.com

**Incorporating the latest
Microsoft technologies**

**Compatible with Windows[®] 7 and Windows[®] 2008
Server:**

PcVue 9.0 incorporates the latest Microsoft technologies

Microsoft[®]
SQL Server[™] 2008

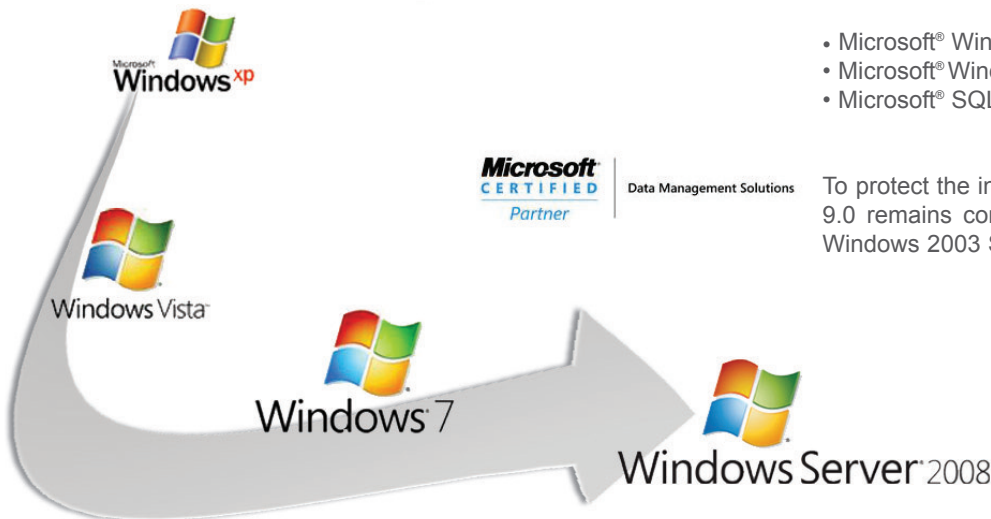
As part of our continuing collaboration with Microsoft, PcVue 9.0 runs on the latest operating systems for both x86 (32-bit) and x64 (64-bit) architectures:

- Microsoft[®] Windows 7
- Microsoft[®] Windows Server 2008
- Microsoft[®] SQL Server 2008.

**Microsoft
CERTIFIED
Partner**

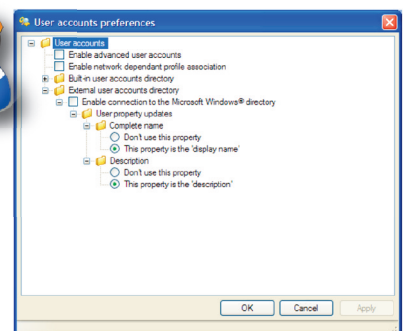
Data Management Solutions

To protect the investment of our customers and partners, PcVue 9.0 remains compatible with Windows XP, Windows Vista and Windows 2003 Server.



Single-Sign On Support: *Simpler management of user rights*

It is now even easier to manage user profiles, thanks to developments in PcVue's User Management to control access and user authentication when Windows domain control and Active Directory are enabled.



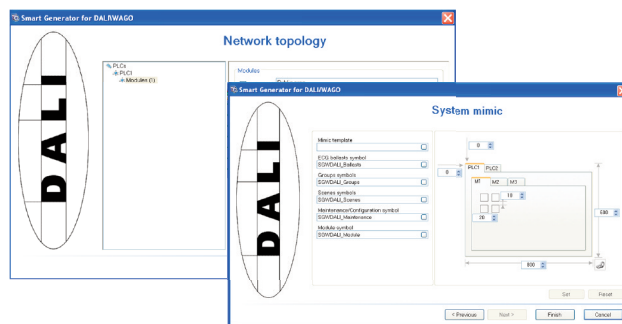
Smart Generator reduces your development time

In this way, you can automate the setting up of variables and ISO IP S7 communication objects in your PcVue application. You can also automatically re-synchronize the PcVue configuration and your Step7® project throughout the stages of development and maintenance.

WAGO-DALI Smart Generator: Increase your energy efficiency

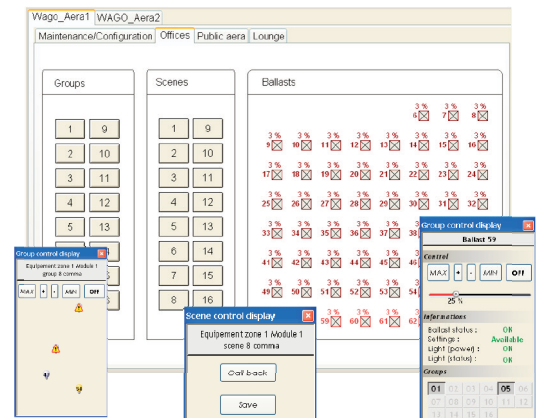
Nowadays directives about the energy performance of buildings and the Intelligent Energy – Europe program cannot be ignored.

The CEN/TC 247 initiative identifies the features of automation, climatic regulation and equipment for the energy performance of buildings.



So PcVue 9.0 enables you to automatically generate an entire working application to monitor, control and maintain your lighting system using the DALI network and WAGO® controllers.

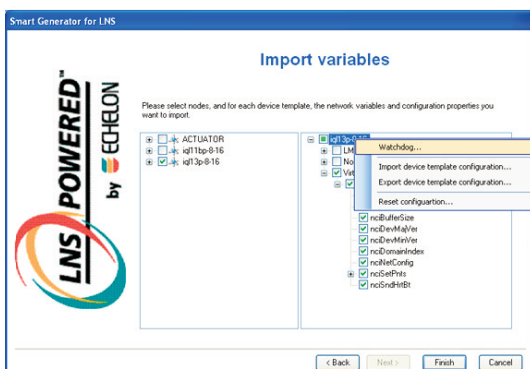
You can monitor and supervise the states of ballasts, groups and scenes, manage the controllers via FTP (save and reload configuration), manage replacement and maintenance of ballasts, reconfigure scenes etc.



FactoryLink® Smart Generator: Migration to PcVue was never so easy!

As well as converting all of the graphical elements (mimics, symbols and templates) and the database, the latest version of the FactoryLink® Smart Generator now also converts the TCP/IP communication objects and their links. Migration to PcVue was never so straightforward!

LNS® Smart Generator: Leveraging LonWorks



With LonWorks® existing for many years there are countless applications benefiting from the technology. PcVue 9.0 has been enhanced to help you take advantage of this with a new LNS Smart Generator.

The LNS Smart Generator not only lets you manage the database automatically but also enables you to export variable selections to device templates. It is also possible to import them to other projects so as to minimize the task of integration re-using the LNS Smart Generator from one project to the next.

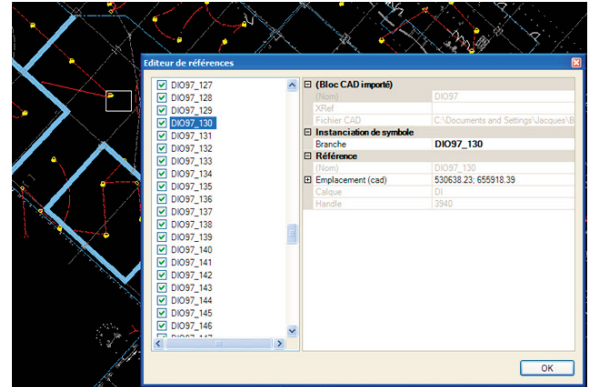
In addition, PcVue 9.0 makes use of the LNS TE server's features for detecting loss of nodes. This greatly improves the system's responsiveness when major disconnections occur or there are problems with the electrical power supply of a network – especially if a LonWorks® router goes down.

Smart Generator reduces your development time

Mimics generated by this process have a background image in a bitmap, .JPEG or .WMF format, together with animated symbols and variables corresponding to AutoCAD® block references.

CAD Smart Generator: *Native import of CAD files*

PcVue 9.0 Smart Generator can import CAD (.DWG & .DXF) files to automate the generation of mimics.



Communication Yet more protocols!

BACnet® : *A major standard for BMS*

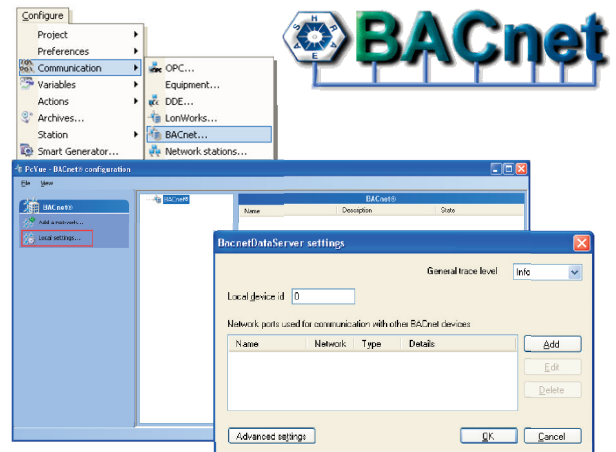
Centralized building management covers a diverse range of facilities and services that have historically been managed by separate systems. Now these can all be handled by a single PcVue supervisory system.

Such a supervisory system may cover HVAC (heating, ventilation and air conditioning), climate control (lighting, blinds and local regulation), security, energy management and sometimes even the fire detection system.

We have included the new BACnet® interface in PcVue 9.0 to enable this whole range of capabilities to be covered by a single product.

The BACnet® client interface provides access to real-time data from your BACnet® equipment across BACnet/IP and MS/TP networks.

Statuses and diagnostic information are likewise available for BACnet® communication objects, as are direct means of starting and stopping data exchanges. These tools also assist you during the stages of testing and validation.



Sofrel® : *Applying the latest technologies from a tele-control leader*



PcVue 9.0 now includes communication with Sofrel devices via the new Sofrel OPC Server. The entire equipment range (S500, LS, Box and S50) is supported for all communication media.

Panasonic FP® : *Native connection to the Ethernet range*

The communication protocol for serial port connection to PLCs in the FP range was already available, so it was natural to include support of TCP/IP (MEWTOCOL-COM TCP - Panasonic FP-ET1 from Matsushita) in PcVue 9.0.

Communication Yet more protocols!

Kepware OPC Server® :

PcVue has become 'Connected with Kepware'

department to incorporate the KEPServer software with PcVue. So now over 100 new protocols are available in PcVue via the OPC KEPServer.

Two options are available. A 'Standard' bundle which includes the most common protocols for industrial PLCs (such as Allen-Bradley, Beckhoff, Cutler-Hammer, GE Fanuc, Yokogawa etc.) and the 'Premium' bundle which is for particular markets (building management, energy distribution, IT & Infrastructure, petroleum and gas).



Sharing and Enhancing your data

OPC Client/Server® :

Authenticated by OPC Foundation, a guarantee of reliability!

In a drive to provide optimized and highly tested software, the OPC interfaces for Client DA, Server DA and Client DA XML have been improved. ARC Informatique is a member of the OPC Foundation and our products successfully passed the 90 tests of interoperability at the most recent IOP 2009 show in Nuremberg (www.opcfoundation.org).

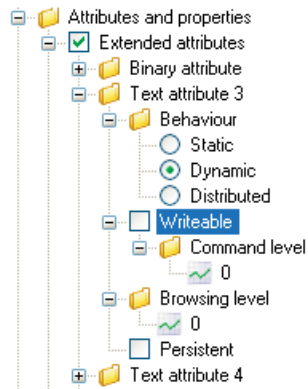
PcVue 9.0 also includes several enhancements to its OPC capability. For example the OPC-Security specification has been implemented, as well as other means of restricting unauthorized access by third parties via the OPC Server, thus reducing PcVue's 'attack surface'.



The OPC Server can be disabled, barring all connections of OPC Clients. It can also be configured to require the use of OPC-Security authentication interfaces for OPC

Clients to connect. New properties are available on the items presented to the OPC Client. In addition to the minimum and maximum values, and the command level, the following properties are available: binary extended attributes and texts, domain, nature, minimum and maximum values for commands, threshold values and simulation flag.

The extended attributes, the threshold values and the simulation flag can be read and written by the OPC Client while the other properties are read-only. In addition to these developments, you can now set up rules to limit the visibility of data in the PcVue workspace. Access rights can be checked for read and write commands. As the OPC Client supports the OPC interfaces for user identification, all connections, disconnections and send commands can be recorded as user actions, along with the name of the OPC Client and the current user.



WebVue :

Remote access via the Internet

From the early beginnings in PcVue V7, the web client, WebVue, has been improving access via the Internet to the point where it now rivals that of a local PcVue station.

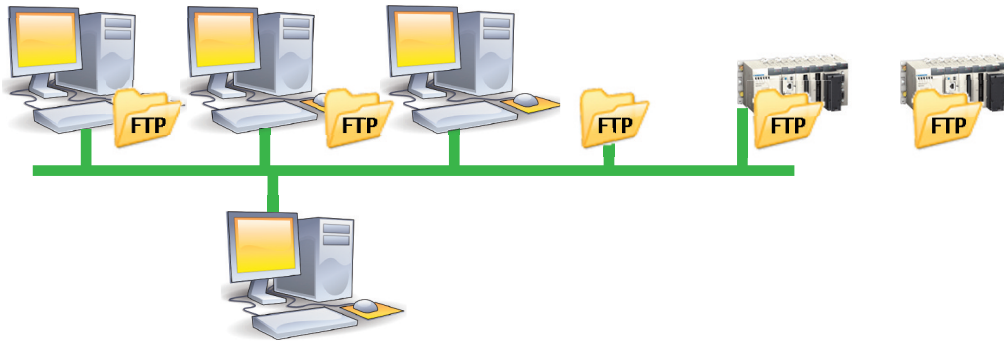
PcVue 9.0 includes new features for the Log and Alarm Viewers: context windows, data sorting and the execution of user-developed scripts.

Sharing and Enhancing your data

PcVue Client FTP : *Easily transfer files!*

PcVue 9.0 is able, via SCADA Basic scripting, to upload and download files from a FTP server.

FTP support in V9 includes management of server access using passwords and an FTP status variable.



Historical Data Server SQL Server 2008 : *Gather data from various sources*

As well as making Microsoft SQL Server 2008 available to handle historical data in database format, PcVue 9.0 offers a new tool called DBImport which enables you to import data for the HDS tables from CSV formatted files.

The recording of third party data in PcVue's relational database assists the centralization and exploitation of data. The Reporting Services tool included with SQL Server 2008 allows you to organize the data and to publish it in a wide range of formats: PDF, XLS, HTML etc.

Database Import

OPERATION COMPLETED

Status
Step: 1/1
File: 3/3
Operation: import
Source directory: C:\Users\Dev\Desktop
Destination table: trend

2009-09-24 10:54:02 DATABASE IMPORT has started

2009-09-24 10:54:12 Step 1/1
Source directory: "C:\Users\Dev\Desktop"
Destination table: "trend"

2009-09-24 10:54:12 Import files
File 1 - C:\Users\Dev\Desktop\20090416110000.dat
File 2 - C:\Users\Dev\Desktop\20090416120000.dat
File 3 - C:\Users\Dev\Desktop\20090416130000.dat

2009-09-24 10:54:23 DATABASE IMPORT has finished

Click the Stop button to interrupt the operation. [Pause] [Stop] [Close]

PcVue SQL Server Reporting Services

GL SQL Server Reporting Services
Home > PcVue Reporting ET2007 > Loglist

View Properties History Subscriptions

New Subscription

Start date: 5/25/2007 3:02:11 PM Ending Date: 5/25/2007 5:02:11 PM View Report

HEATER, HVAC, LIGHT building: BUILDING1, BUILDING2

FLOOR1, FLOOR2, FLOOR3 room: ROOM1, ROOM2, ROOM3

1 of 115 100% Find Next Select a format Export

Date	Time	Building	Room	Alarm	Status
5/2007	25/05/2007 13:02:14.214	BUILDING2.FLOOR2.ROOM1	TEMP_phaut	Room temperature too high	Alarm on not ack
5/2007	25/05/2007 13:02:17.217	BUILDING1.FLOOR2.ROOM1	TEMP_phaut	Room temperature too high	Alarm on not ack
5/2007	25/05/2007 13:02:17.217	BUILDING2.FLOOR1.ROOM1	TEMP_phaut	Room temperature too high	Alarm on not ack

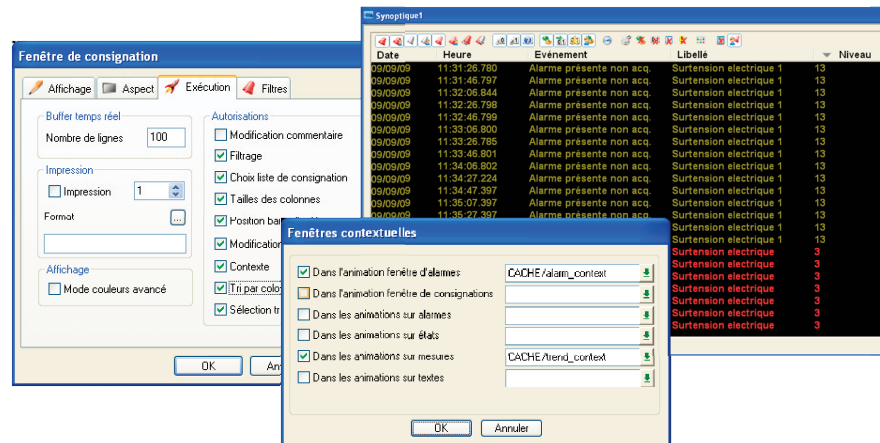
New features and improvements at the heart of the product...

To simplify the creation of 3D mimics and respond to the increasing demand for automated generation, 3D mimics, templates and symbols can now be saved in text format. This allows generation by third-party tools, thus reducing the development times and risks of error.

With PcVue 9.0 it becomes even simpler to filter, sort and analyze the data in the Alarm and Log Viewers with the addition of column based sorting. The sorting functions are also entirely scriptable to satisfy the users' specific requirements.

A new capability has also been added to allow the execution a script when a user clicks in an Alarm or Log Viewer, so as to enable customized processing of selected alarms or events.

Graphical Interface: 3D, Trends, Logs, Alarms... continuing improvements

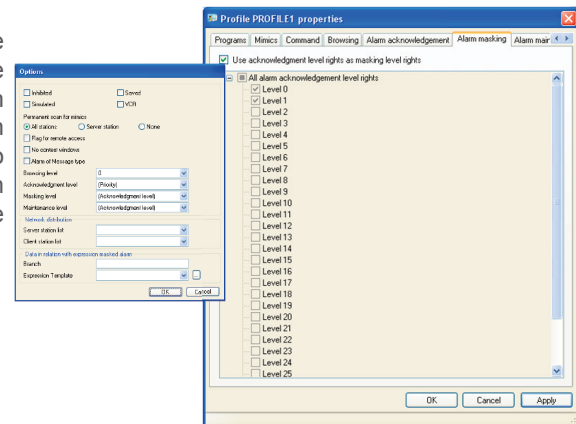


To locate an event in a particular time slot, the Log Viewer now has enhanced date and time filtering, with start and end times or start time and direction.

In the Trend Viewers you can now display time values in the format dd:hh:mm:ss in the legend and scales, thus simplifying the analysis.

Supervisory applications are becoming ever larger while the quantities of information for operators to process can quickly rise in importance. To

assist with this problem, the alarm level system has been enhanced in V9 with the option of different levels (within the same alarm) for acknowledgment, masking and maintenance commands.



Real-time data: Improves management of maintenance

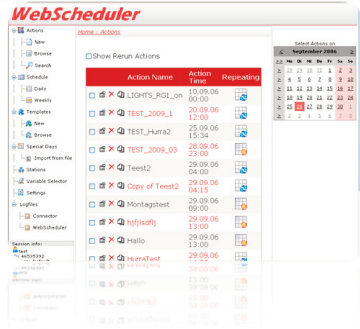
Real-time data can now be configured as persistent while the application is undergoing maintenance or as PcVue is stopped and restarted. This also facilitates the management of intermittent modes of communication that do not permit the permanent updating of field data. The persistence option has also been extended to include a variable's extended attributes and status flags.

New features and improvements at the heart of the product...

Add-ons : Dream Report® version 3.41 and WebScheduler 1.1

Dream Report® version 3.41 is now included in the PcVue Solutions range. Dream Report® is a powerful tool for the design, generation and publication of reports.

A native interface is available that lets you retrieve PcVue's real-time and historical data to augment Dream Report®'s report generation.

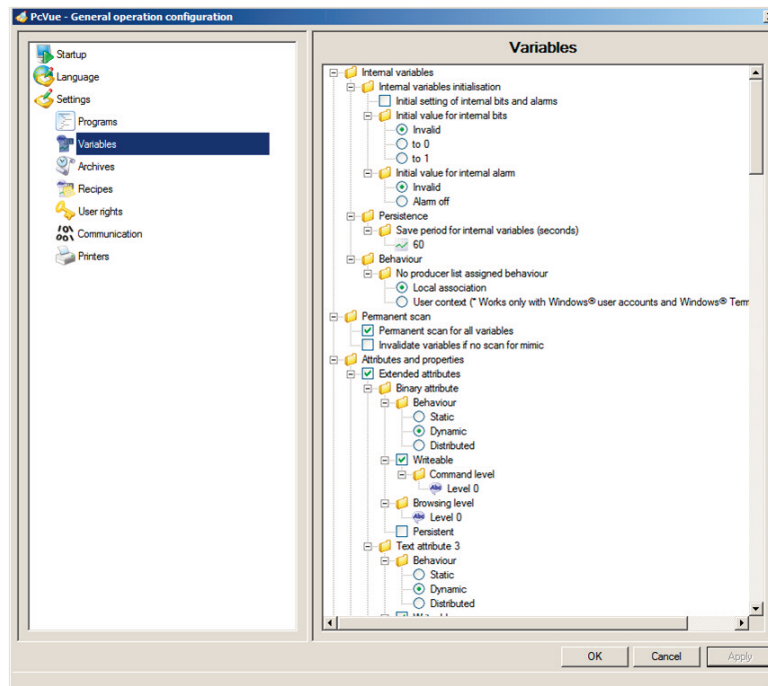


Also available in PcVue 9.0 is the latest version of the WebScheduler. It enables you to run scheduled tasks and to configure them locally and via the Internet.

Product translation & package: New language and a new I/O package

To options on the price list have been increased adding a 65,000 variable size. (Between the 5,000 and unlimited package.) Note that only variables from field devices are counted toward the total - the number of internal variables remains unlimited as it always has been with all sizes of PcVue.

Extending our commitment to the international market, PcVue is now available in Latvian (Lettish) in addition to English, Chinese, French, German, Italian, Japanese, Russian and Spanish.



New features and improvements at the heart of the product...

Upward compatibility

It's now nearly 15 years since the first version of PcVue for MS Windows. During this time we have rigorously applied the practice that all new features are compatible with, and available to, applications generated with earlier versions of the product without requiring redevelopment

PcVue 9.0 abides by that rule and remains **100% compatible** with the previous version.



... while safeguarding our partners' investments!!

ABOUT US

Founded in 1981, **ARC Informatique** is a privately held company headquartered in Paris, France. The company manufactures and markets industrial software. Originally developed for the process industries, the company's software is now also sold into infrastructure, utilities and building management systems applications. In 2008, **ARC Informatique** launched **PcVue Solutions**, offering software, hardware and application support as a global service to the infrastructure, HMI, OEM, building automation, power generation & distribution, airport, batch and continuous process markets.



Both ISO 9001 and ISO 14000 certified, the company is establishing an international presence through direct sales offices in the US, Europe and Asia. The company has OEM agreements allowing to ship versions of **ARC**

Informatique's HMI software under other brands. To date, over 50,000 licenses have been shipped. **ARC Informatique** also uses distributors as a sales channel.

PcVue Solutions is a suite of software and hardware for visualization, 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

Moxa - Industrial Ethernet switches

TouchVue - Mobile application for smartphones and tablet computers

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