NEWS RELEASE
PcVue 12
OPEN, SECURE AND MOBILE PLATFORM

www.pcvuesolutions.com
ARC Informatique has been developing and marketing industrial software for over 35 years.

ARC Informatique is the PcVue Solutions SCADA editor, offering software, hardware and application support as a global service to several markets.

The open, scalable, software platform of PcVue Solutions delivers full control and connectivity, implementing a large variety of built-in drivers including IEC 61850 certified by KEMA (now DNV-GL), BACnet BTL listed, LonWorks, KNX, OPC and a rich graphical interface. PcVueSolutions offers an advanced alarms and events logging system as well as reporting capabilities.

Thousands of sites are monitored and controlled by PcVue Solutions in several vertical markets such as BMS, Energy, Water, Transportation, Infrastructures, Oil & Gaz, Industry.

Both ISO 9001 and ISO 14001 certified, the company maintains an international presence through direct sales offices in the US, Europe, Asia and Latin America and relies on its partner network to guarantee exceptional service, domain expertise and product satisfaction.

The technologies evolve very quickly and impose a permanent adaptation. Supervisory systems must be flexible and open to integrate the technologies of the future. PcVue 12 combines experience and innovation to offer modern and adapted solutions.

Renewed Web & Mobile Platform

Today’s supervision is mobile and connected and relies on IT infrastructure. This OT/IT convergence requires a platform adapted to meet security constraints in particular.

PcVue 12 features a new web & mobile platform with a high level of security (https, OAuth), and user experience (HTML5). The exclusive EasyMobileTechnology ensures high performances, easy configuration and deployment for any kind of users.

The EasyMobileTechnology specifically developed for PcVue ensures a fast, easy and secure deployment and configuration.

New IoT solution

The proliferation of connected objects and cloud platforms opens new opportunities for systems but also generates a lot of data that needs to be converted into information relevant to the operators.

PcVue 12 integrates an IoT LoRaWan protocol to retrieve data from connected objects.

New universal connector for an infinite interoperability

Interoperability and openness are essential for interconnecting systems increasingly complex.

PcVue 12 has a built-in Universal Data Connector to exchange with many data sources: RDBMS, ERP, MES, CMMS, Social networks, REST services, files, ...

PcVue 12
A version resolutely forward-looking!
Web & Mobile Platform

WebVue 12 - Web HTML5 Client
Supervision of installations via a thin client is essential and must be efficient, simple and secure.

WebVue 12 is a built-in HTML5 web client that relies on the latest technologies offering a cost-effective solution combining ergonomics, security and ease of implementation.

USER ORIENTED
For end user, IT specialist or system integrator, WebVue is designed to fit any user need from regular to very advanced.

- UX for better efficiency: seamless and smooth Interfaces
- Ability to monitor multiple mimics concurrently in multiple web browser tabs
- Zoom & pan
- Cross platforms
- Easy to configure and to deploy with the EasyMobile Technology
- Multi-user capacity
- Scalable & open to third-party application or portals
- Transparent license model
- Secure architectures (DMZ, certificates) and communication (HTTPS)

AT A GLANCE
- Monitor & control your PcVue process from a web browser with any device
- Mimics, alarm lists & acknowledgment, event logs, real time and historical trends
- Webservices toolkit available to create your own custom web interface

TouchVue 12 – The mobile app for immediate action
A reworked interface for better user experience and optimized performance

FEATURES
- Access the data from several sites
- New user interface
- Real-time information and notifications (alarms, values, trends) for immediate action (acknowledgments or control values)
- Archived data (events logs, historical trends)
- Data filter depending on user profiles
- Watchlist for favorite variables to watch

EasyMobile Technology
The deployment made easy
The EasyMobile Technology ensures a fast, easy and secure configuration & deployment

- No gateway, no extra plugin
- HTML5
- No client installation
- Easy configuration - no script - Wizard only
- Adapted to any user: End-user, SI, IT
- Secure scalable architectures and communications
- Easy Diagnostic
- Affordable solution

FEATURES
- A web deployment console
- Deployment of web services and web apps on IIS
- Data protection management
- Certificate management
- Users logging & OAuth server management
- IIS auditing / diagnosis
Connectivity
Connect [any] Things

Universal Data Connector
A new way to exchange data

PcVue 12 introduces a new Ado.net-based connector allowing to interface with an infinity of data sources thus opening up to DBMS, ERP, MES, CMMS, Big data, REST services, social networks, file...

- Request handler for 3rd party on-premise/cloud-based RDBMS
- Link to ERP, MES, CMMS, Facility Management
- Facility management
- Communication to Social Networks
- Connection to REST Services

PcVue on social networks!
Publish information from your supervision on the social networks

100% automatic publications?
Yes, PcVue can tweet regularly information linked to a city (water quality, air, ...) or tweet on exceeding the threshold of a measurement (electrical failure, risk of flooding, ...).

PcVue can also go to draw content from a third-party information system (relay the public calendar of the city, publish the schedules of the town hall during the school holidays, indicate pharmacies on duty, ...).

IoT - New driver for LoRa
PcVue connects Objects

- Easy to deploy architectures: wireless & self-powered sensors
- Objects seamlessly connected to PcVue
- Support for hybrid solutions with legacy devices and new objects
- Take advantage of the PcVue data treatment for your IoT

New and updated drivers
Beyond good performances

OPC
- Fast and easy OPC integration thanks to new Smart generator OPC DA
- More interoperability with the support for OPC UA

SNMP MANAGER
- Expanded performances allowing very large amount of data
- Support for 100 000+ SNMP objects
Vertical markets
Markets need. PcVue Solutions.

BMS

BACnet [R]evolution
BACnet openness, interoperability, performance.

**BACnet Smart Generator based on templates**
- Designed to instantiate BACnet objects quickly & easily
- Customizable templates*

*12.0 update

- Performance and user experience enhancements
- More integrated BAS engineering

**SIEMENS integration**
Smart Generator TIA Portal

Import the elements from a TIA project
- Variables
- Communication

Generate your PcVue project
- Filter imported elements
- Customization

Synchronize
- Update the PcVue project on TIA configuration changes

Substation automation

Dedicated features

**IEC 61850 client driver**
- Better coverage of SA requirements
- Additional services support
- File Transfer
- Setting Groups

Support for IEC 104 outstation points in Templates

**Railways integration**
Urban, Main lines, Stations

**Graphical libraries**
- Railways signalling: Train, metro, tramway
- Stations equipment: ticketing machines, gates...

**PcVue BACnet objects templates**

**PcVue BACnet project**

**Smart Generator BACnet**

**IEC 61850 client driver**

**File Transfer**

**Setting Groups**
**Interface & Configuration**

**Updated Quickstart project**

Your project in few clicks

- New project templates that fit latest UI/UX trends
  - 3 new Styles: Industry, Dashboard, Web
  - 2 color themes: day/night
  - 4 highlight colors

**Advanced Configuration Environment**

Optimize the creation and the maintenance of your project

**Application Explorer**

- New configurations
  - timestamp quality labels
  - default associated labels
  - populations
  - function keys
  - line printers
- Audit of active sessions

**Application Architect**

- Support for more data acquisition items: IEC 61850, BACnet
- Support for archive units, log lists
- Ability to model and generate application files
- Excel lookup by expression

**File transfer**

New ways of exchange

- Manage files from devices
  - Configuration File, COMTRADE, COMFEDE ...
- Implemented services
  - Browsing, Download, Upload, Delete
- Support for:
  - IEC 61850
  - DNP3
- 3 ways to use it
  - User interface in the Application Explorer
  - Scripting via SCADA Basic verbs
  - Background automatic one-way synchronization (aka mirroring)

- Facilitate exchanges with devices
- Takes advantage of embedded features of devices
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Global SCADA Provider

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