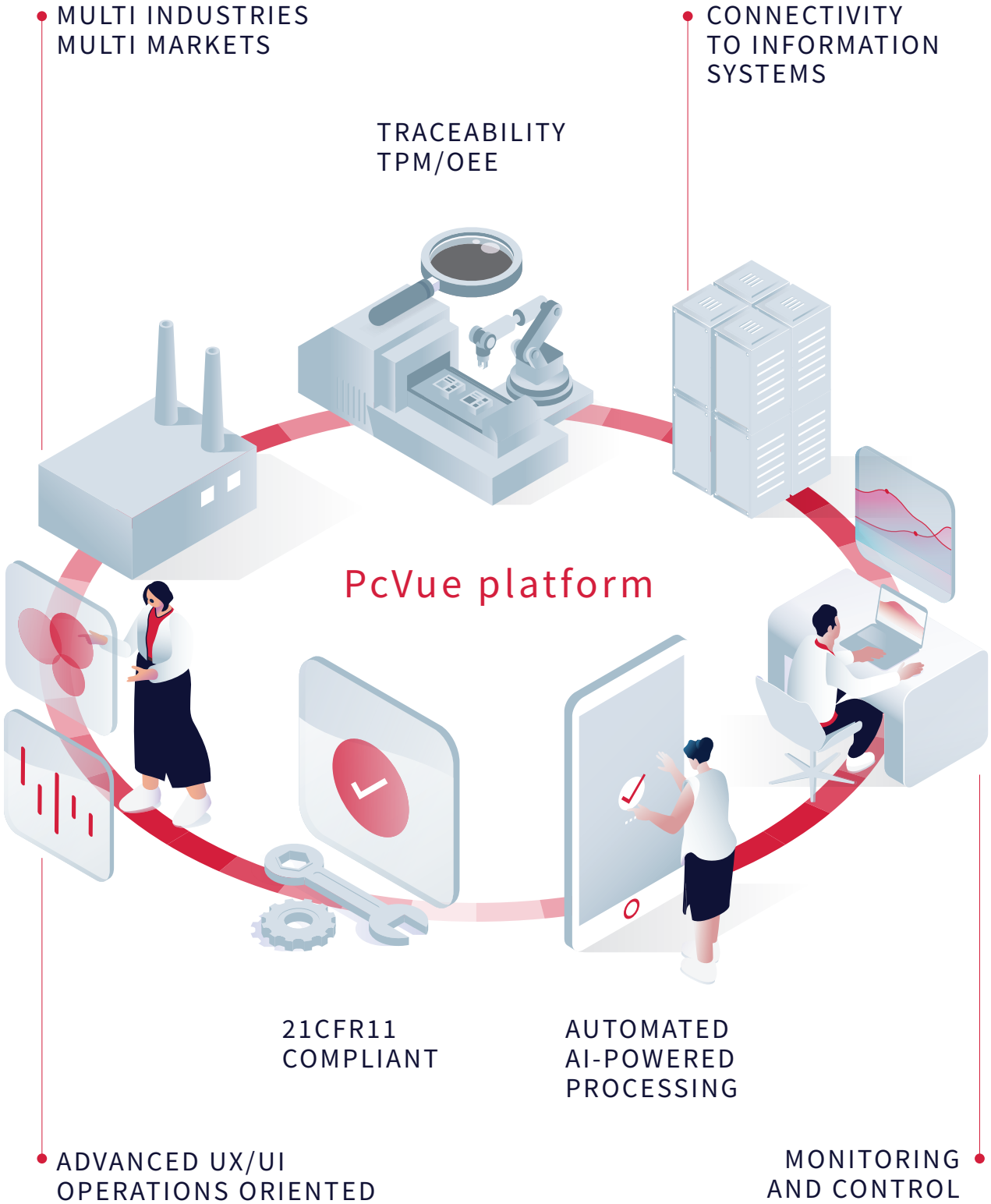


PcVue

SOLUTIONS FOR INDUSTRY




Manufacturing, Chemicals, Pharmaceutical, Plastics,
Metals, Automotive and more



Unlock the best ROI with a cost-effective industrial automation solution that optimizes operations and slashes maintenance costs!

YOUR NEEDS

- ✔ Monitoring and control for any kind of industrial installations for the production or the facilities
- ✔ Connecting diverse devices and standardizing operations
- ✔ Ensuring secure and continuous production
- ✔ Optimizing operations and maintenance of production tools
- ✔ Ensuring traceability of production data
- ✔ Reducing costs for system updates and operator training
- ✔ Offering sustainable, user-friendly solutions manageable by end-users

 PcVue platform can be customized and deployed to meet your needs 

OUR SOLUTIONS

- ✔ Built-in support for standard automation and control device drivers
- ✔ Seamless interoperability with your company's global systems: ERP, CMMS, quality, IT
- ✔ Optimized management of alarms, trends, and events for operations and maintenance
- ✔ Flexible and scalable architecture: from single station to client-server
- ✔ Ergonomic, user-friendly graphical interface adaptable to all processes
- ✔ Built-in compliance with 21 CFR Part 11 standards
- ✔ Single development platform with an intuitive configuration environment
- ✔ Enhanced operator efficiency with AI-powered processing

A COMPLETE SOLUTION FOR SUPERVISING YOUR INDUSTRIAL PROCESS



DEPLOY POWERFUL INDUSTRIAL AUTOMATION SOLUTIONS TO YOUR END-USERS

Empower your modern production processes with PcVue's fully integrated industrial automation software and monitoring and control solutions. Designed to boost productivity, enhance product quality, and ensure seamless traceability, PcVue meets your needs for quality, safety, and flexibility. With its robust development environment and extensive range of integrated drivers, PcVue lets system integrators create tailored applications that drive profitability while keeping you compliant with global standards in industrial automation systems.



ENHANCED DIGITAL ASSISTANCE FOR OPERATIONAL TEAMS

PcVue platform puts the power of smart guidance and intuitive asset monitoring right into the hands of frontline workers. With real-time support from remote experts, it revolutionizes your operations by digitalizing every aspect—from fieldwork to analysis and scheduling. Replace worn and tired paper-based processes with seamless workflows and instant access to all your enterprise platforms.

ASSISTS THE FRONT-LINE WORKERS WHILE IN MOTION

- ✔ Smart guidance and notifications of any events
- ✔ Contextual monitoring & control of nearby assets
- ✔ Allows support from other team members or from control center
- ✔ Real time shared reporting
- ✔ Gives paperless access to any resources
- ✔ Seamless access to enterprise information system (Outlook, Teams...)



EMPOWERS OPERATIONAL TEAMS

- ✔ Improve efficiency through decreased response times
- ✔ Reduce the cost of labor and training
- ✔ Reinforce field workers safety



SMART GUIDANCE AND NOTIFICATIONS



ENHANCE TEAM COMMUNICATION



SECURE MESSAGING



INTEGRATE WITH ENTERPRISE SYSTEM



PAPERLESS

▶ SUPERVISE YOUR INSTALLATIONS EFFICIENTLY

Monitoring and control of your devices anywhere, anytime

VISUALIZATION AND COMMANDS

- ✔ Customizable, modern and intuitive graphical interface
- ✔ Thousands of objects ready to use
- ✔ Real-time visualization of the installation's status

ON-CALL MANAGEMENT

- ✔ Notification of the operators (phone, sms, mail)
- ✔ Management of the operation team
- ✔ Transmission of the acknowledgment



▶ ENSURING THE CONTINUITY OF THE PRODUCTION WHILE MASTERING OPERATIONS AND MAINTENANCE COSTS

Preventive and operational maintenance of the installations

ALARMS & EVENTS MANAGEMENT

- ✔ Advanced real-time alarm visualization
- ✔ Notifications of alarm by email, sms or mobile app
- ✔ On-call module for an efficient management of maintenance and operation teams



MONITORING AND ANALYZING ENERGIES

- ✔ Provides advanced energy insights
- ✔ Support meters for 20+ types of commodities (Power, gas, water, ...)
- ✔ Monitoring of performances
- ✔ Reduce operational costs
- ✔ Anomaly detection
- ✔ Visibility on energy consumptions
- ✔ Pre-defined dashboards



IMPROVE YOUR PRODUCTIVITY AND YOUR QUALITY OF SERVICE

Traceability, performance monitoring (KPI)

PROCESSING THE PRODUCTION DATA

- ✔ Archiving the data in SQL Server
- ✔ Design and consolidation of productivity indicators (TPM, OEE...)
- ✔ Edition and generation of dynamic production reports in several formats, which can be accessed online
- ✔ Connection between the different information systems of the firm (ERP, CMMS, Quality, IT ...)





PcVue PLATFORM FACILITATES THE WORK OF THE SYSTEM INTEGRATOR

OPTIMIZING THE DEVELOPMENT COSTS
with a platform, easy to implement and to maintain.

AN OBJECT-ORIENTED APPROACH
to minimize the risks of error, to reduce the development costs and to simplify the applicative maintenance.

ADAPTIVE AND FLEXIBLE DEPLOYMENT
from the local station to the multi-site architecture.

INTEROPERABILITY
from the production to the several information systems of the company.

MONITORING AND CONTROL

Graphical interface

Intuitive
2D/3D object library
+60 predefined animations
Multi-lingual HMI Platform

Advanced event and alarm management

Configurable event/alarm windows
Sorting filter by status, priority and/or attribute - modifiable online
Contextual alarm management
Alarm counter

Supporting the 21cfr11 standard Trends

Simultaneous display of real-time and archived trends
Customizable interface
Trend export towards Excel

COMMUNICATION INTERFACES

Extended drivers range

Modbus IP
S7 IP
Ethernet/IP
Rockwell IP
+100 industrial protocols

Interoperability

OPC (DA/UA)
Web services (RESTful)
Tag access tool
VBA
30+ ADO.net providers
to connect any data sources

CONFIGURATION

Smart Generators

Mass import configuration from third-party softwares or from external configuration platforms (PLC's platforms, CAD softwares, proprietary softwares, SCADA...)

Schneider Unity®, Siemens®, TIA portal FactoryLink, XML....

Application Explorer

Configuration tool "all-in-one" for the settings and the diagnosis

Application Architect

Modeling and generating projects

DEPLOYMENT

Versatile architectures

Single station
Client/Servers
Distributed

Mobiles solutions

Smart mobiles app
HTML5 web client
Remote access

Safety & security

Windows Active Directory
Secure connexions using HTTPS

Central version management

PcVue PLATFORM

DATA PROCESSING

Archiving

Built-in SQLServer archiving, centralized or local Configurable historic depth Maintenance plan (export, purge...)

Recipe management

Embedded system of recipe management

Development tool for the management of batches

Traceability, performance monitoring

Productivity indicators (OEE, TPM...)
Design and generation of dynamic production reports, in several format and available online
Connection with IT, ERP, CMMS, Quality...

SUCCESS STORY

DUNN-EDWARDS PAINT

Monitoring and control of paint production system.

Since 1925, Dunn-Edwards Corporation has been the leading manufacturer and supplier of architectural and industrial coatings in the Southwest of the USA, providing a complete line of paints and painting supplies to professionals and quality-conscious consumers.

Dunn-Edwards centralized all operations into one large, state of the art manufacturing facility residing in Phoenix, AZ, which is fully automated to gain all the advantages inherent with automation. Centris Technologies, known for its industrial control and automation expertise, developed and integrated all the real-time process control and SCADA development on the plant floor.

PcVue allows monitoring and control of the paint manufacturing process as well as the maintenance operation and the product quality process.

Dunn-Edwards utilizes an extensive array of quality control measures. The ingredients and the manufacturing process undergo stringent tests, and the finished product is checked to insure that it is of high quality.

Operators access both real-time and historical production data. They can visualize trends, alarms list or reports, which help them to take the best decision for the batches.

All the system can be accessed remotely using a standard web browser across the intranet or internet network.

Operators manage anywhere between 10 – 20 batches per shift within PcVue.

The system architecture consists of 2 PcVue servers set up in a redundant configuration and connected to 10 Centris Technologies Advanced Process Controllers (APCs), each running ISaGRAF over TCP/IP. The servers connect 12 PcVue client stations located in key operator locations.



PcVue interfaces an enterprise resource planning system (ERP) from SAP - sharing some 55,000 I/O points. SAP has embedded a Pico module for I/O connectivity which is communicating to PcVue's SCADA through OPC®.

TECHNICAL HIGHLIGHTS

- ✔ 2 redundant acquisition servers
- ✔ 12 PcVue client stations

NEEDS

- ✔ Monitor and control all processes with remote access
- ✔ Scalability for future expansion
- ✔ Integration with the ERP

BENEFITS

- ✔ Better productivity
- ✔ High reliability
- ✔ More efficiency for operation and maintenance
- ✔ Web clients
- ✔ 10 Centris Technologies Advanced Process Controllers (APCs)
- ✔ 3 ISaGRAPH devices fully compliant with both IEC
- ✔ 61499 and IEC 61131 industrial control standards
- ✔ 75 000 data points
- ✔ SAP



SOLUTIONS FOR INDUSTRY

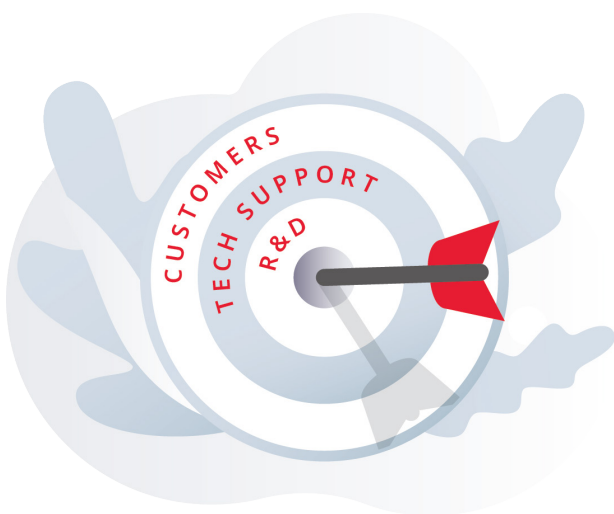
In business for over 40 years, ARC Informatique is a forward-thinking industrial software editor with 16 offices worldwide. Using the latest technologies, ARC Informatique develops PcVue, a reliable, secure, and robust SCADA platform, dedicated to monitoring and control applications.

PcVue is designed with input from integrators, OEMs, and end users, backed by ARC Informatique's extensive expertise in industrial automation. It offers an open and flexible platform that meets the industry's strict demands for reliability and performance. Featuring a user-friendly interface and modern, object-based ergonomics, PcVue simplifies both the work of the integrators and operators.

With 160+ dynamic team members, we are both physically very close and culturally compatible with our user base, thereby facilitating responsive customer care. ARC Informatique is certified ISO 9001, ISO 14001, ISO 27001, IEC 62443, ensuring quality, compliance and secure processes.

A BETTER INDUSTRY

We'll partner with you to improve productivity and sustainability today, and drive the transition towards industry-wide gains that everyone benefits from.



A CUSTOMER-ORIENTED APPROACH

Listen to and answer our customers develop and adapt our solutions via R&D responsive technical support.

**GLOBAL PLAYER
LOCAL APPROACH**



**CONTINUOUS QUALITY
IMPROVEMENT**





 ENABLING EFFICIENT AND SUSTAINABLE INDUSTRIES.
LET'S SIMPLIFY DIGITAL TRANSFORMATION TOGETHER.
LET'S ENGINEER 

Solutions for
Industry

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ARC Informatique is ISO 9001,
ISO 14001 and 27001 certified