



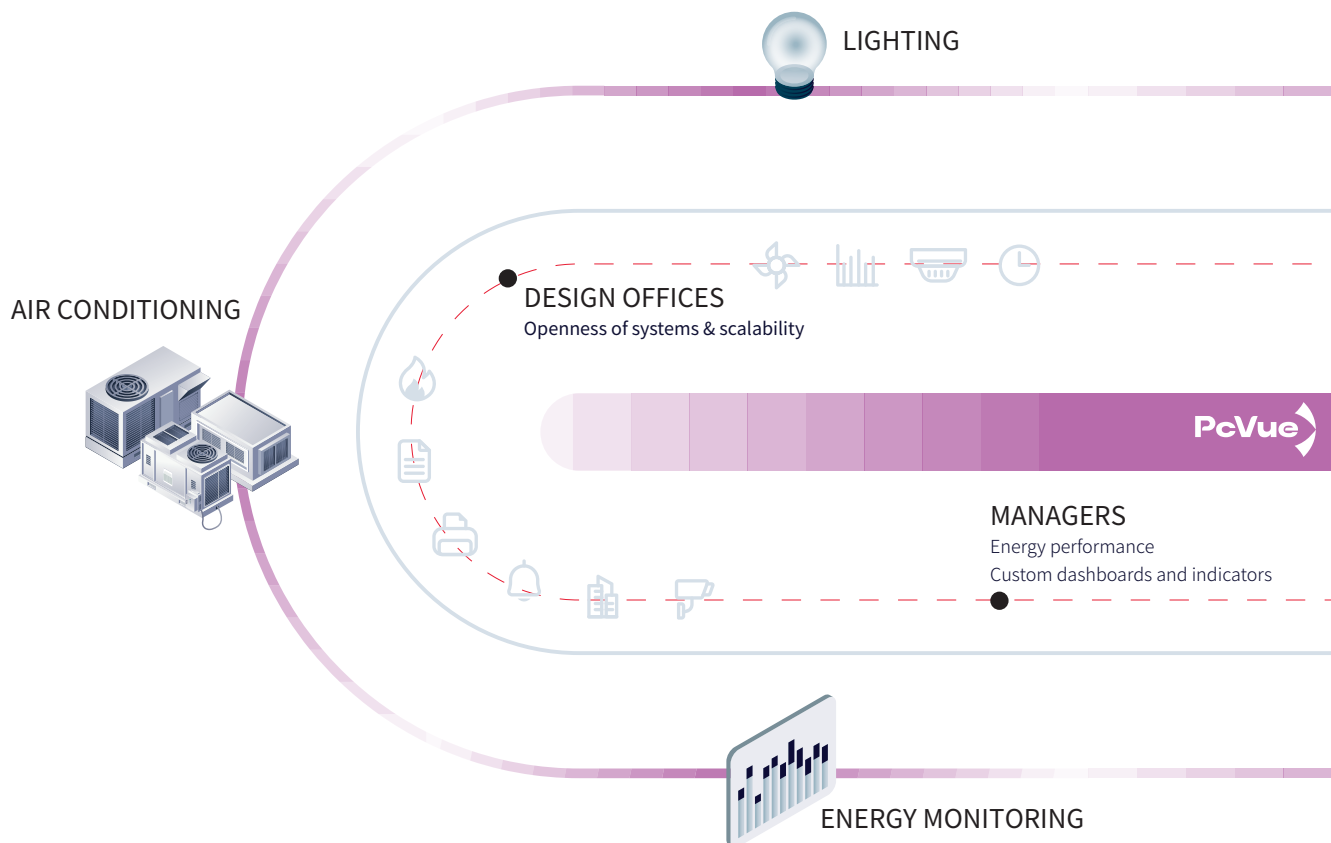
PcVue

# SOLUTIONS FOR DATA CENTERS



## FEATURES

- ✔ Supervision solutions for all technical lots of computer rooms and data centers.
- ✔ Intuitive graphic interface for monitoring and controlling installations, locally or remotely
- ✔ Real-time energy monitoring and analysis
- ✔ Built-in support for standard protocols BACnet®, LonWorks®, KNX®, Modbus, LoRa, sigfox, MQTT, SNMP v3 Informs, OPC UA...
- ✔ Optimized management of alarms and events
- ✔ Archiving of your data locally or in the cloud
- ✔ Advanced reporting for data analysis
- ✔ Unique development platform including an intuitive configuration environment
- ✔ Ensuring interoperability with all building and IT management services

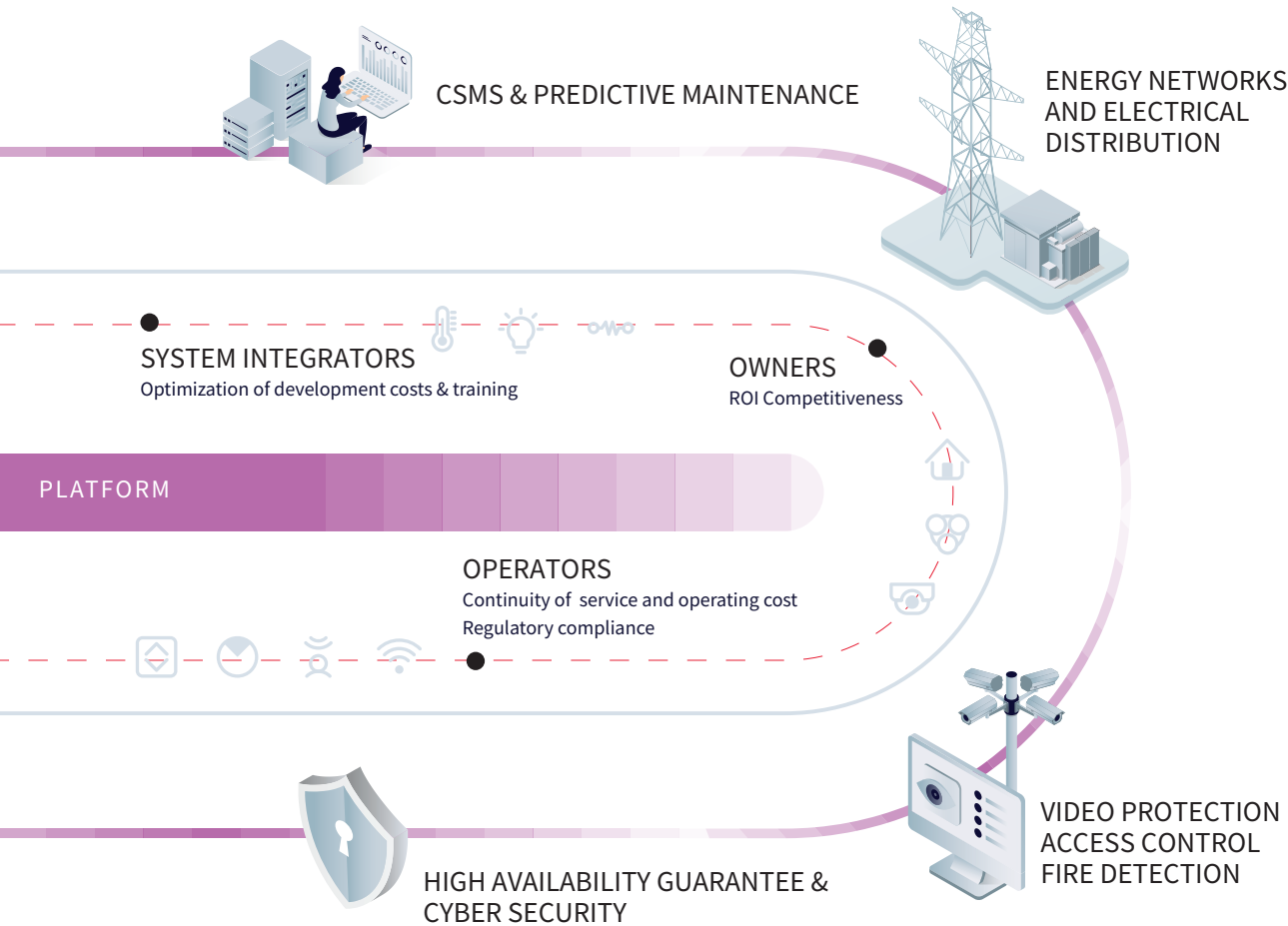


## BENEFITS

- ✔ Manage one or more computer rooms or data centers, in a centralized and consistent manner
- ✔ Ensure the activity and security of systems in all circumstances
- ✔ Contribute to the proper functioning and sustainability of installations through effective maintenance
- ✔ Optimize investments while ensuring compliance with regulations
- ✔ Have an open and scalable system that adapts to changes and objectives, at a lower cost
- ✔ Connect all building and IT components (Technical management, networks, CMMS, Safety, Security, etc.)

# PcVue HELPS TO MEET INTERNATIONAL STANDARDS

- ✔ PcVue integrates into your site’s compliance systems regardless of the level of security and availability guarantee desired (Tier 1 to 4).
- ✔ Your organization will comply with international standards ISO27001 (information security) and ISO 14001 (environmental management), ISO 50001 (energy efficiency).



Leveraging archived data analysis to drive real-time actions enhances operational maintenance and boosts performance

## **PcVue THE CORE OF DATA CENTERS**

Trusted by leading independent data center operators and top-tier companies across diverse industries like banking, insurance, and manufacturing, PcVue empowers organizations to design, develop, and manage secure, highly connected environments. These robust solutions ensure seamless, secure hosting of critical technical infrastructures, from web services to IT systems.





❖ PcVue is an open platform built to seamlessly align with market standards while remaining manufacturer-independent. Its open, secure architecture and robust connectivity—integrating key communication protocols and standards—enable effortless interaction with all business systems in your ecosystem. With PcVue, you gain the freedom and flexibility to efficiently connect and manage every aspect of your systems





SnapVue mobile digital assistant automatically adapts the display of information based on the user's identity and location

## **OPERATIONAL TEAMS AUGMENTED**

SnapVue, the digital mobile assistant 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.



## DATA CENTER

A common platform for monitoring and hypervision of data center or computer room systems.

### MANAGEMENT AND OPERATION

- ✔ Building management system
- ✔ Safety, Fire Detection,
- ✔ Video protection
- ✔ Digital assistance
- ✔ Historian & Data analysis
- ✔ Energy monitoring and analysis
- ✔ On-call Management

### INTEROPERABILITY AND SERVICES

- ✔ CMMS & predictive maintenance
- ✔ BIM Operations
- ✔ DCIM



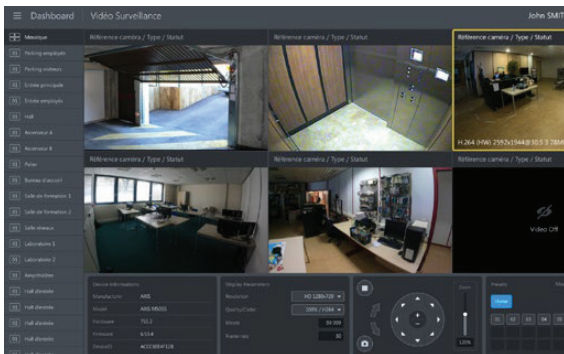
### DEPLOYMENT AND ACCESS REMOTE

- ✔ Smart mobile application
- ✔ Web access
- ✔ Cloud ready

# PcVue STREAMLINING THE OPERATOR'S EXPERIENCE

## OPTIMIZING SUPERVISION

Through an advanced UX/UI engine.

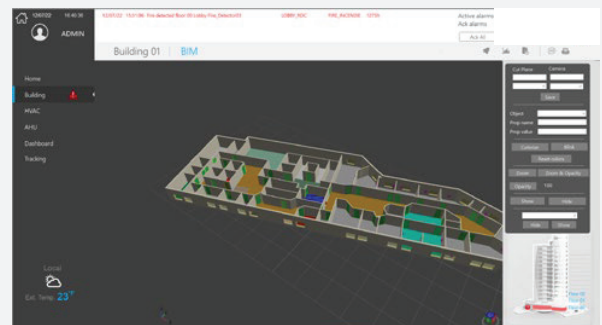


### DISPLAY & CONTROL

- ✔ Customizable modern and intuitive graphical interface
- ✔ Display asset status in real time
- ✔ Supervisory and control the equipments
- ✔ Management of comfort settings based on time slots defined through a web interface
- ✔ Remote control from smartphone or tablet
- ✔ Display and control of video surveillance systems
- ✔ Video interfaces (RTSP,ONVIF)

### ADVANCED FEATURES FOR DATA DISPLAY

- ✔ Data display by zone, equipment, use ...
- ✔ Real time and historical data trends
- ✔ Comparative trends
- ✔ Threshold display
- ✔ Data trend export to Excel
- ✔ BIM 3D viewer





## OPTIMIZING ENERGY

Through integrated power monitoring.



### MONITORING AND ANALYSIS OF ENERGY PERFORMANCE

- ✓ Ready-to-use dashboards
- ✓ PUE performance indicators
- ✓ Consumption reports by period



## ENSURING SYSTEM AVAILABILITY AND OPERATIONAL MAINTENANCE WHILE CONTROLLING OPERATING COSTS

Preventive and operational maintenance of installations

### ALARMS & EVENTS MANAGEMENT

- ✓ Advanced visualization of real-time alarms
- ✓ Alarm notification via sms, smart mobile application, emails
- ✓ Lists of historical time-stamped events
- ✓ On-call module for effective incident management

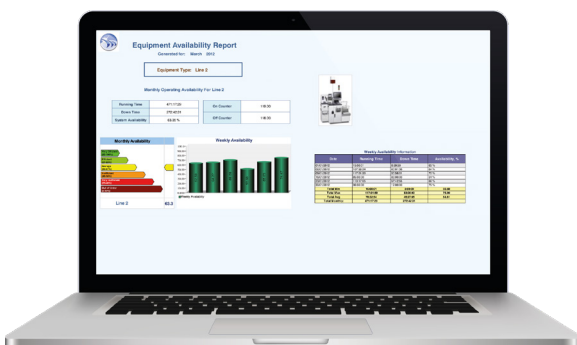


## IMPROVING ROI

Advanced insights and KPIs

### OPERATING DATA PROCESSING

- ✓ Generating of dynamic reports (consumption balance sheets, ...) from archived data
- ✓ Automatic distribution of reports by email
- ✓ Web Interface to generate and visualize reports on demand



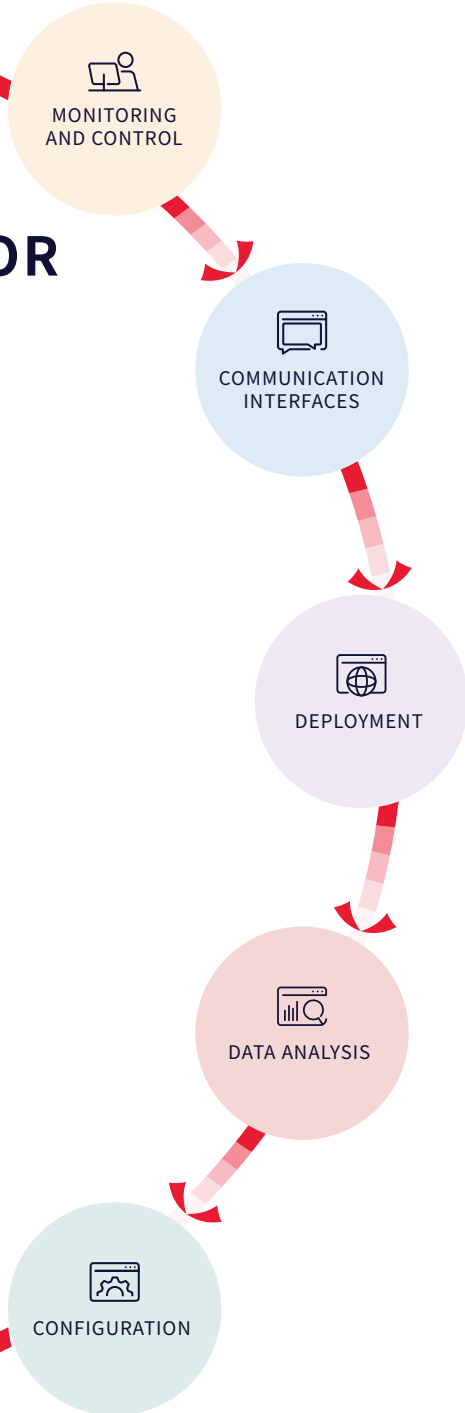
PcVue PLATFORM

# STREAMLINING SUCCESS FOR SYSTEM INTEGRATORS

**Reduction of development costs** costs with an application platform that is easy to implement and maintain

**Flexible and scalable deployment** from simple local station to multi-site architectures compatible with Cloud solutions

**Interoperability** from the data field to the building management services



PcVue PLATFORM

# PcVue

## THE CORE OF DATA CENTERS

### ➤ **PcVue HELPS YOU MEET INTERNATIONAL STANDARDS**

Supervision is at the heart of the data center management system, with technical lots and IT infrastructures ensuring data exchanges.

PcVue offers features to strengthen compliance with ISO 27001 standards for information security and ISO 14001 for environmental management, and the desired level of security and availability guarantee for your site (Tier 1 to 4) in perfect synergy with the other components of the system.

PcVue also allows you to meet the desired level of security and availability guarantee for your site (Tier 1 to 4).

### ➤ **GLOBAL SUPERVISION OF INSTALLATIONS**

PcVue supervises all building lots and more specifically the electrical management and air conditioning of data centers.

In terms of electrical distribution, PcVue ensures the management of the entire installation, from the transformer stations to the inverters, distribution boards and electrical meters of each server rack. PcVue integrates the monitoring of the entire air conditioning chain from the cooling units, pumps, roof tops, to the air conditioning cabinets in the hosting rooms.





# DATA CENTERS SUPERVISION



## NEEDS

- ✔ Monitor and control the electrical distribution and air conditioning infrastructure of the facilities in a centralized manner
- ✔ Key performance indicators (PUE)
- ✔ Easily interface systems and equipment of different types

## SOLUTIONS

- ✔ A centralized system for monitoring data center infrastructures
- ✔ Multi-protocol, open and scalable system
- ✔ Ability to provide comprehensive reports dynamically



## KEY POINTS

- ✔ Adaptable to all size of site
- ✔ Respond in accordance with international standards for information security and environmental management
- ✔ Integration of third-party systems
- ✔ REST API enabling interoperability

## BENEFITS

- ✔ Reduced development costs thanks to an easily scalable system
- ✔ Possibility of knowing sectorized electrical consumption through complete and dynamic reports
- ✔ A real data hub allowing the provision of key performance indicators
- ✔ Compatible to comply with ISO 27001:2005 (Information Security Management) and ISO 14001 (Environmental Management) standards

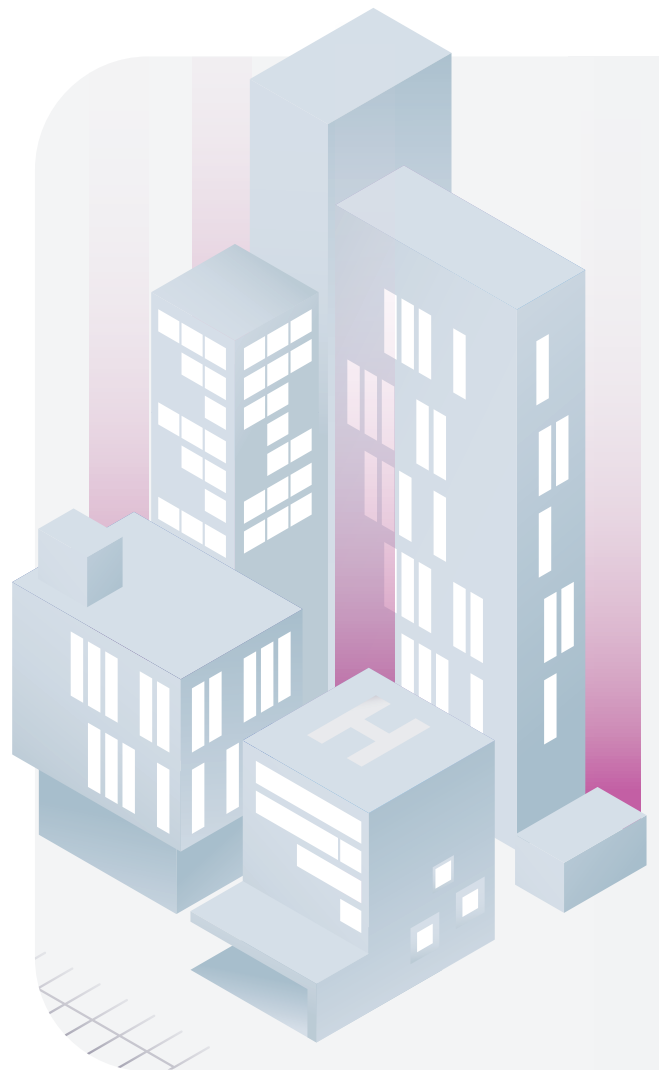


## OPEN CONNECTIVITY SCADA SOFTWARE PLATFORM

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.

To answer the need of maintenance, energy saving and performance optimization in BMS, PcVue converges stakeholders' objectives using a common system of centralized supervision. The ability to analyze archived data and real-time events, coupled with advanced contextual mobility solutions, PcVue improves overall building efficiency and increase maintenance team responsiveness, ensuring optimal user comfort.

With 160+ dynamic team members, we are both physically very close and culturally compatible with our user base, thereby facilitating responsive customer care. Our ISO 9001, 14001 and 27001 certifications ensure quality, sustainability, and security in our development processes from design to delivery.



### **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



ARC Informatique is ISO 9001,  
ISO 14001 and 27001 certified



Solutions for  
Data Centers

**ARC Informatique**

✉ [arcnews@arcinfo.com](mailto:arcnews@arcinfo.com)

🌐 [www.pcvue.com](http://www.pcvue.com)



ARC Informatique is ISO 9001,  
ISO 14001 and 27001 certified