



PcVue

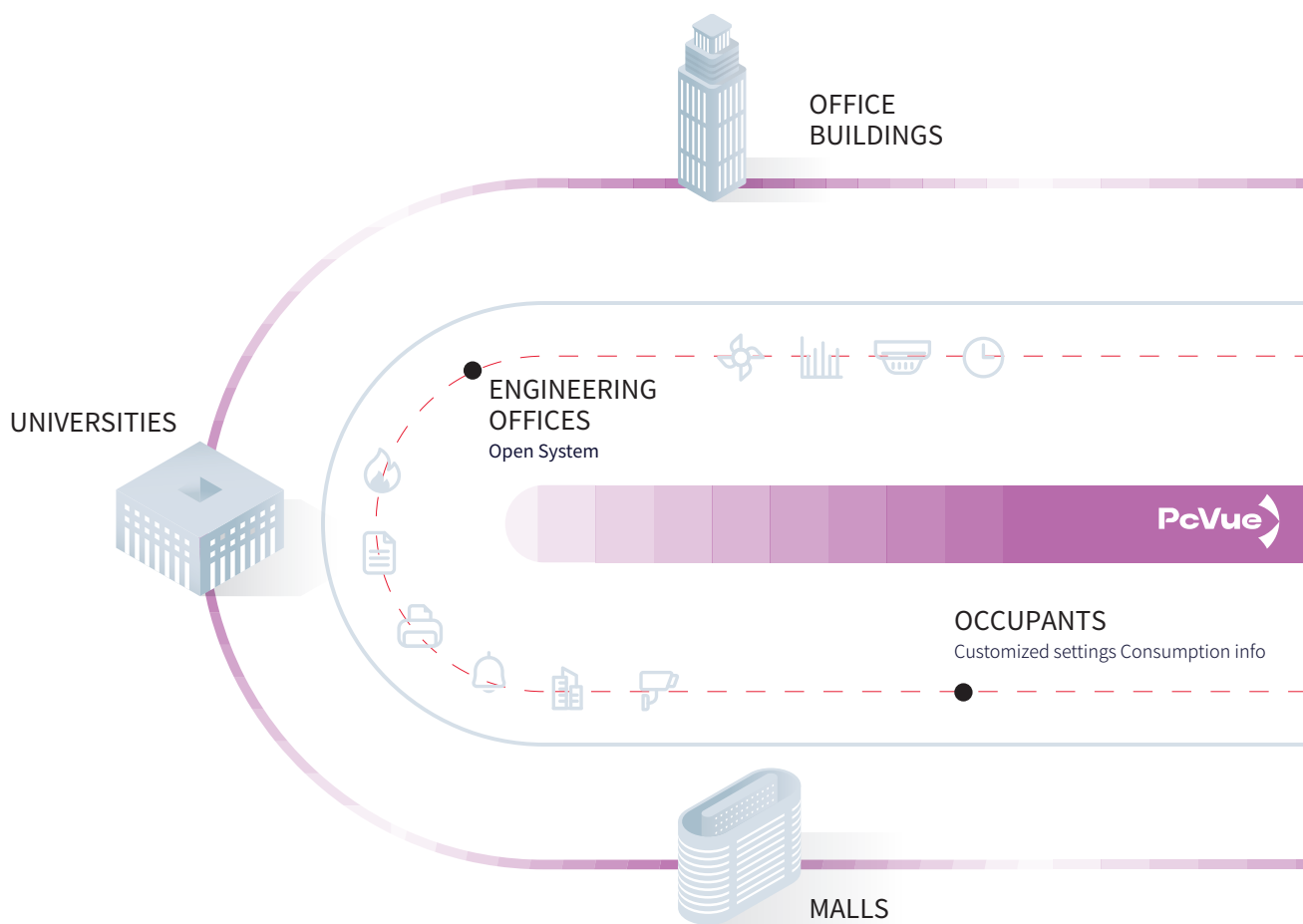
# SOLUTIONS FOR SMART BUILDING



Industrial Facilities, Data Centers, Office  
Buildings, Universities, Hospitals, Malls

## FEATURES

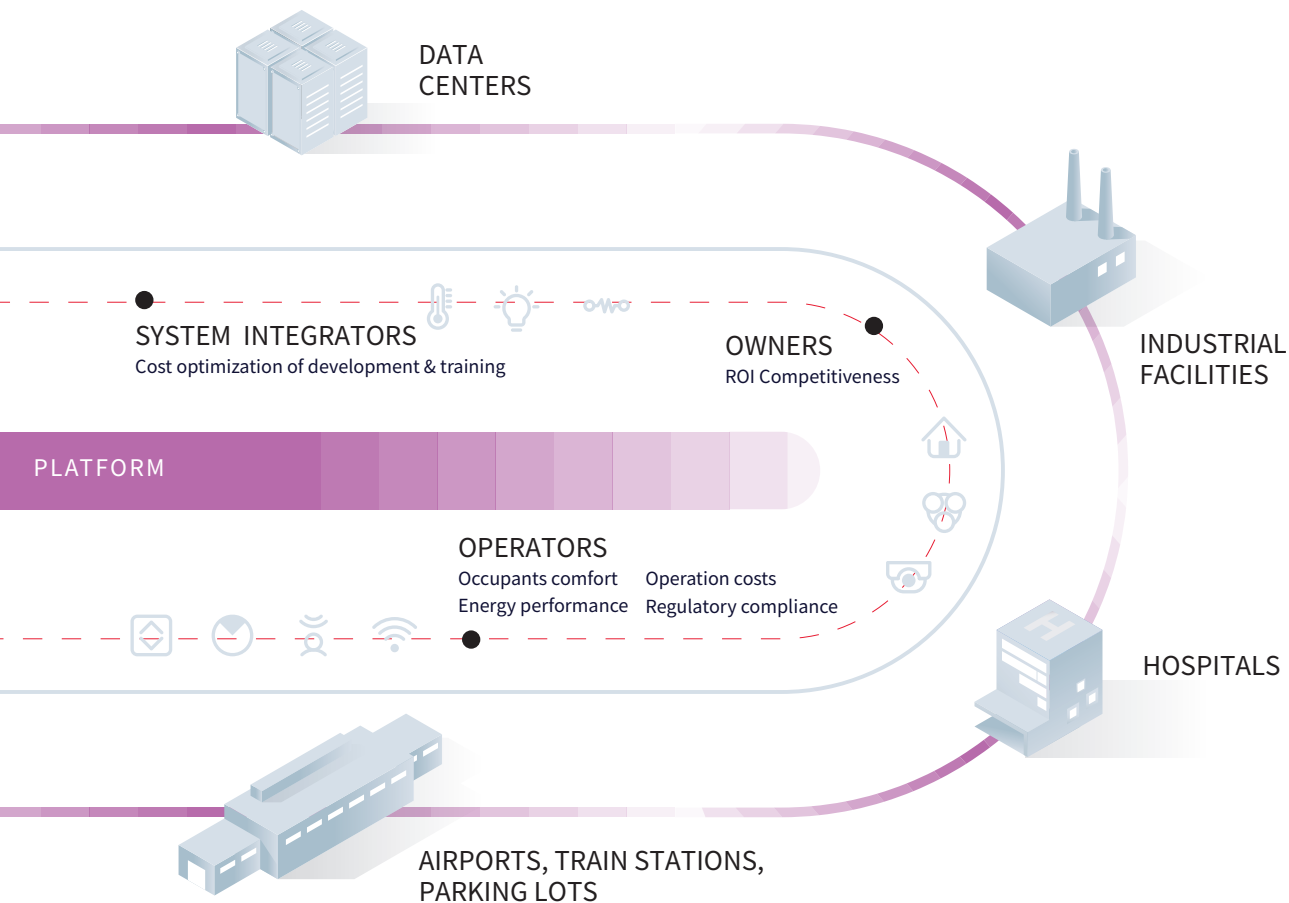
- ✓ Monitoring solutions for all technical aspects of the building
- ✓ Intuitive graphical interface for monitoring and control of facilities, locally or remotely
- ✓ Monitoring and analysis of energies
- ✓ Native support for standard protocols BACnet™, LonWorks®, KNX, Modbus®, SNMP, OPC®...
- ✓ Optimized management of alarms and events
- ✓ Data archiving locally or in the cloud
- ✓ Advanced data analysis & Reports
- ✓ Single development platform featuring an intuitive configuration environment
- ✓ Interoperability with all building management services



## BENEFITS

- ✓ Manage one or several buildings in a centralized and cohesive manner
- ✓ Ensure occupants' comfort and safety in all circumstances
- ✓ Guarantee proper functioning and durability through efficient maintenance
- ✓ Optimize the return on investment while ensuring regulatory compliance
- ✓ Run an open and scalable system that adapts to changes at lower cost
- ✓ Connect all BMS components (Technical Management, Billing, CMMS, Occupancy...)

The ability to analyze archived data and real-time events can help maintain user comfort and improve performance




To answer the need of performance, maintenance, energy saving and optimization in BMS, **PcVue converge stakeholders' objectives** using a common monitoring system





## **UNIQUE PLATFORM TO MANAGE ALL THE BUILDING'S SYSTEMS... AND MORE**

With PcVue, you can overcome the challenges of maintenance, energy savings, and performance optimization in your Building Management System (BMS). Our unified, centralized supervision system brings stakeholders together, giving the power to analyze real-time data and past events effortlessly. Plus, PcVue's advanced mobility solutions supercharge building efficiency and boost the responsiveness of maintenance teams, all while ensuring top-notch user comfort.





 PcVue solves the challenges of  
building maintenance, energy  
savings and user comfort 



## **PcVue INNOVATES TO CONNECT HUMANS, SYSTEMS AND IIOT**

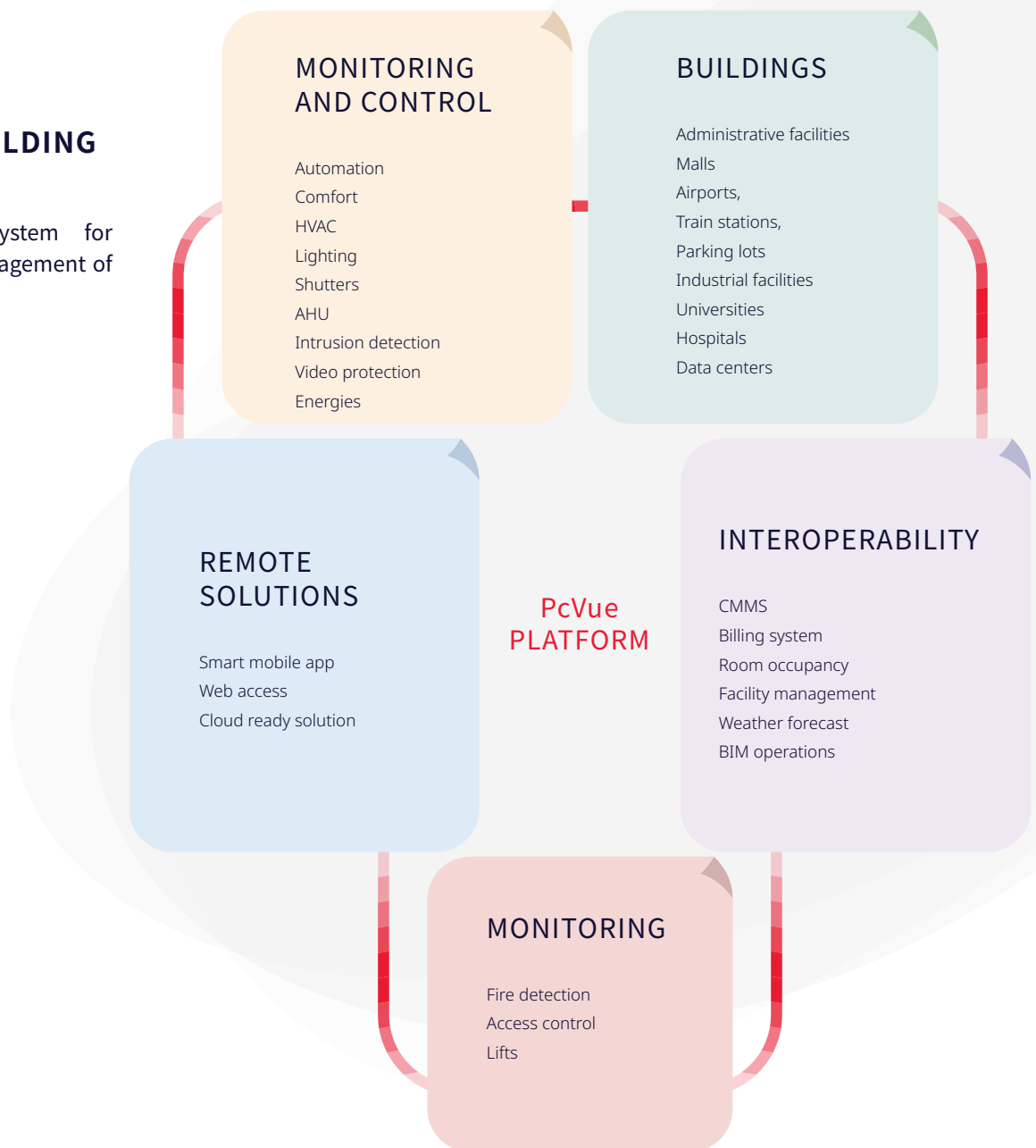
The constant and rapid changing of technology continuously brings new ways that complement current methods and change the practices used for monitoring installations.

The advent of mobile applications such as proactive transmission of information depending on users, dynamic and contextual information display (and the disappearance of static navigation menus) are some examples.

A worker can therefore be informed in real time, depending on his position and level of responsibility, of actions he may realize from his smartphone. At the same time, to ensure safety, the control room is able to know the position (inside or outside) of the workers.

## SMART BUILDING READY

A common system for centralized management of buildings.

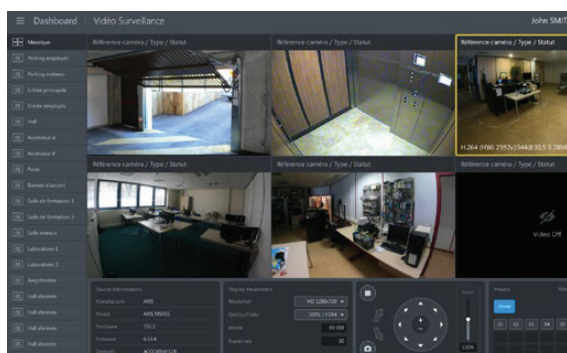




# PcVue FACILITATES THE BUILDING MANAGER LIFE

## ENSURE THE COMFORT OF OCCUPANTS WITH AN EFFICIENT AND EFFECTIVE OPERATION

Monitoring and control facilities anywhere, at any time.

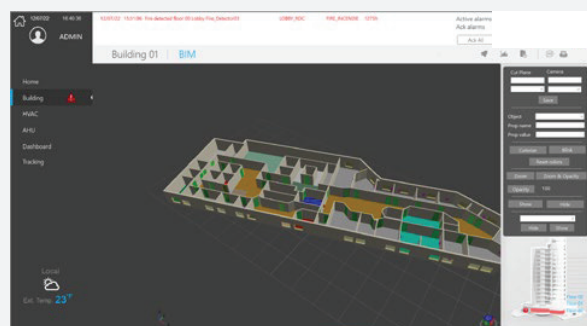


### DISPLAY & CONTROL

- ✓ 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







## MONITORING AND ANALYSIS OF ENERGY PERFORMANCE

- ✓ Pre-configured dashboard
- ✓ KPI – Key Performance Indicators
- ✓ Consumption balance sheets by period
- ✓ Archiving data in a local database or in the cloud

## 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

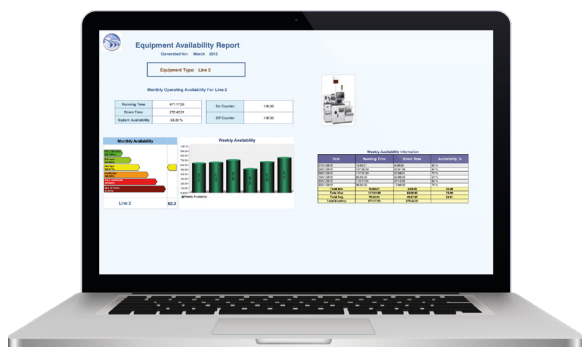


## OPTIMIZE THE RETURN ON INVESTMENT WHILE ENSURING REGULATORY COMPLIANCE

Control of performance, operating costs, and regulatory compliance

### 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



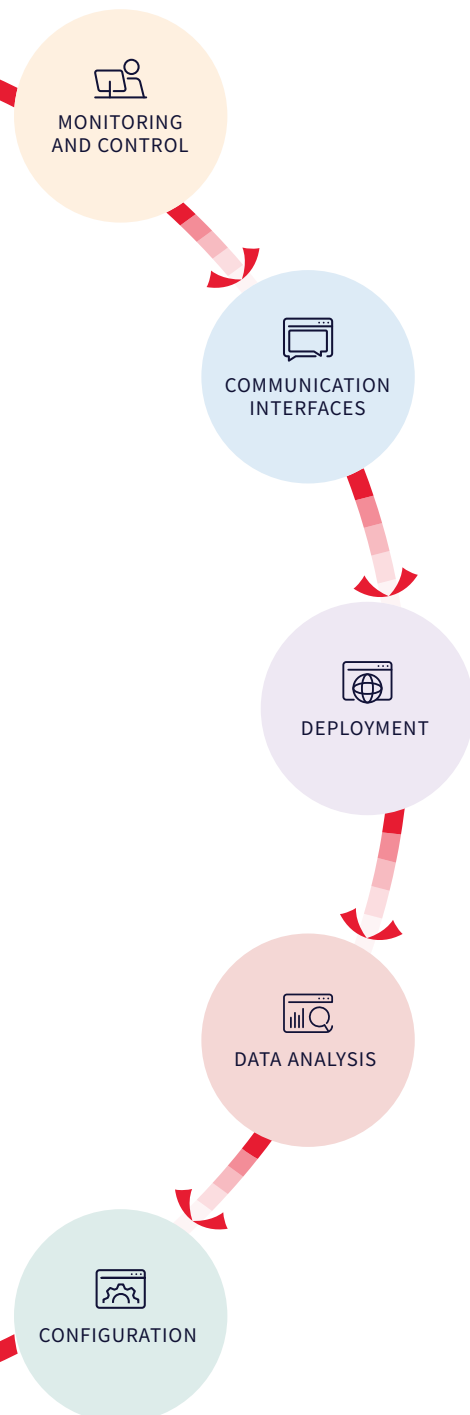
PcVue PLATFORM

## PcVue FACILITATES THE WORK OF THE SYSTEM INTEGRATOR

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

**Flexible and scalable deployment** from simple local station to multi-sites architectures compatible with Cloud solutions in SaaS mode

**Interoperability** from the data field to the building management services (billing, CMMS, booking space, facilities management ...)



PcVue PLATFORM

# PcVue AT THE HEART OF DATACENTER

## » SUPERVISION OF A DATACENTER

PcVue counts among its users several of the European leaders among the operators of independent data centers as well as companies of different trades (Banks, Insurances, Industrials...). These companies design, develop and manage secure and highly connected environments, allowing the hosting of technical infrastructures (web and IT) in complete security.

» PcVue is an open, multi-protocol and scalable platform, designed to adapt to market standards, without being tied to a specific manufacturer. Thanks to its open, secure architectures and advanced connectivity, integrating the main communication protocols and standards, you can easily interact with all the business systems in your ecosystem. PcVue thus gives you the freedom and flexibility to efficiently connect and manage all your systems



## PcVue AT THE HEART OF DATACENTER

### **PcVue HELPS YOU 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 the international standards ISO27001 for information security and ISO 14001, which ensures an effective environmental management system in addition to the energy-efficient design used to build the building.



### **GLOBAL SUPERVISION OF INSTALLATIONS**

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

In terms of electrical distribution, PcVue supervises the entire installation, from the transformer stations, to the inverters, distribution panels and electric meters of each of the server bays. PcVue integrates the monitoring of the entire air conditioning chain from the cold groups, pumps, roof tops, to the air conditioning cabinets in the hosting rooms.



## BUSINESS CHALLENGES

- ✓ Centralized monitoring and control of the electrical distribution and cooling infrastructures
- ✓ Easily interface systems and various types of equipment



## SUCCESS KEYS

Customizable modern and intuitive graphical iA single centralized system for the supervision of the data center infrastructure

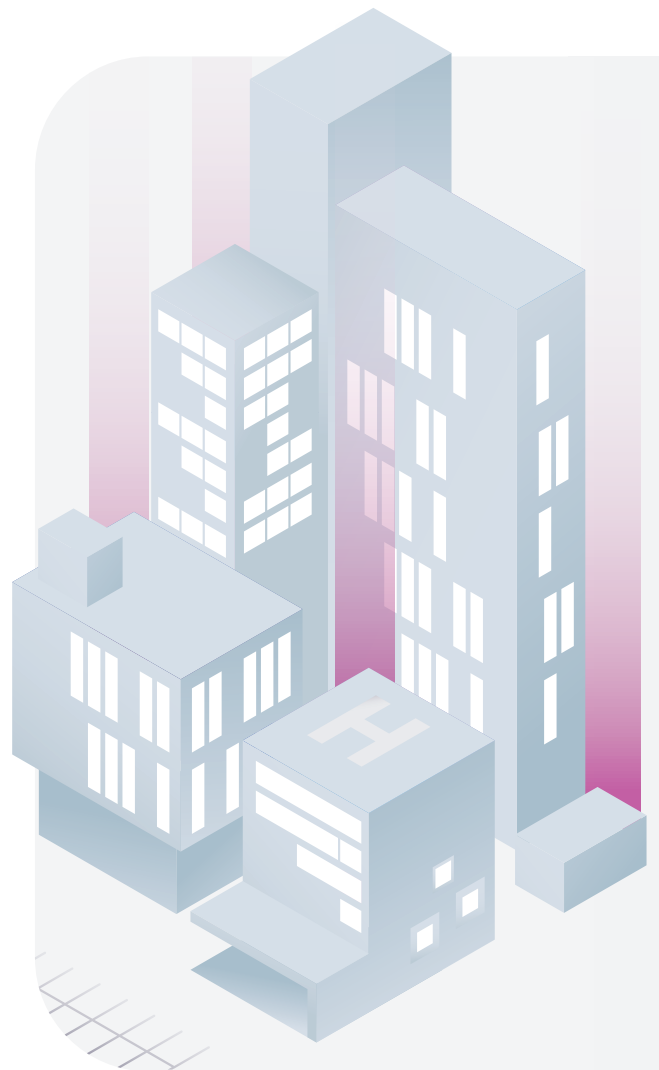


## OPEN CONNECTIVITY SCADA SOFTWARE PLATFORM

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  
Smart Buildings

Industrial Facilities,  
Data Centers, Office Buildings,  
Universities,  
Hospitals, Malls

**ARC Informatique**

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

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



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