Business Solutions

Your expertise embedded in our solutions

You certainly know our CUSTOMERS…

AEROSPATIALE, AGIP, AIR CANADA, AIR FRANCE, AIR LIQUIDE, AIRBUS, ALCATEL, ALSTOM, ARAMCO, AREVA, ASF, BANCO DE PORTUGAL, BASF, BAYER, CARRIER, CEA, CEGELEC, BOSCH, BRUSSELS AIRPORT, CABOT OIL & GAS, CARGILL, CERN, COCA COLA, CONVERTEAM, DALKIA, DOW CORNING, DUBAI METRO, ECA, EDF, EGYPTALUM, EIFFEL, ELECTRABEL, ENEL, ENERGOMASH, EVIAN, FAURECIA, FIREFLY, FIRMINICH, GAZPROM, GENEVA AIRPORT, HENKEL, HUTCHINSON, HYDROQUEBEC, HYUNDAI, IBERDROLA, INA, JAKARTA RAILWAYS, JUMO REGULATION, KRONENBOURG, KROHNE, LAFARGE, LAVAZZA, L'OREAL, MAC KEY, MASTER FOODS, METSO, MEXICO CITY SUBWAY, NESTLE, NOVARTIS, PARIS AIRPORT, PDVSA, PEMEX, PERRIER JOUET, PETROBRAS, PROCTER & GAMBLE, PSA, PUBLIACQUA, RENAULT, RIOTINTO ALCAN, RHODIA, ROLLS ROYCE CIVIL NUCLEAR, SAINT GOBAIN, SAINT LOUIS SUCRE, SAMSUNG, SANOFI AVENTIS, SCHNEIDER ELECTRIC, SAPN SEAGATE, SEITA, SERONO, SERVIER, SINGAPORE METRO, SKIS ROSSIGNOL, SNCF, SOLVAY, SONANGOL, TAIPEI 101, TEFAL, THALES, TOTAL, UBS, VALEO, VEOLIA WATER, VEOLIA ENVIRONMENT, YOKOGAWA, YOPLAIT…
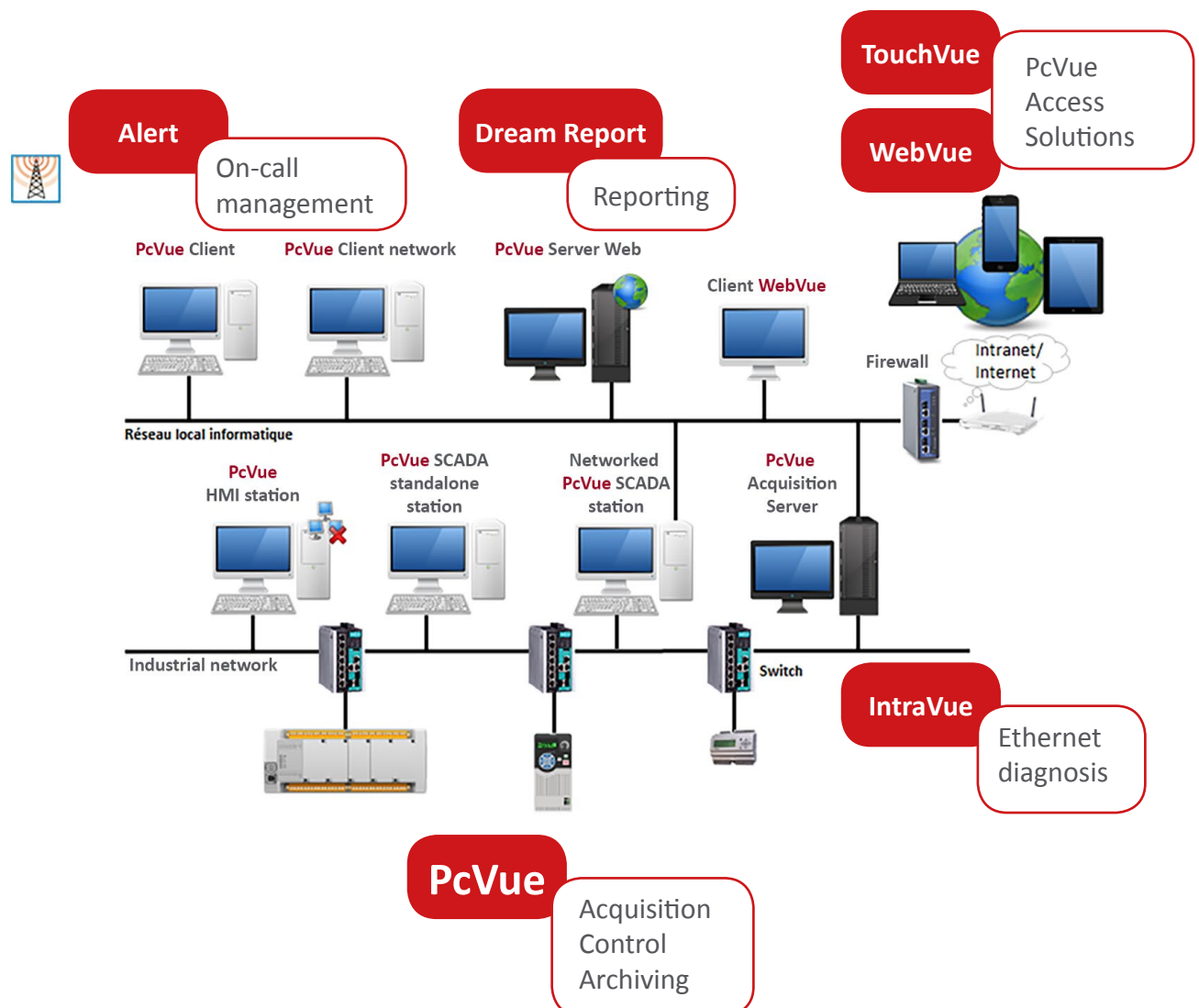
Markets

ARC Informatique is an independent global leader in HMI/SCADA software sharing its expertise through its solutions since 1981:

• SCADA: for monitoring and controlling facilities, infrastructures and industrial processes

• HMI: for presenting information and interacting with the process locally or remotely

We have gained experience in a wide range of application areas that inform us to understand our customers' precise needs. It also enables us to offer sets of PcVue Solutions products, each of which caters for a specific industry or service such as building automation, nuclear energy, renewable energy, oil &gas, infrastructure, among others.

PcVue Solutions range to build your architecture

BMS

PcVue Solutions
Manage and optimize your assets

A flexible and efficient offer incorporating the latest technologies

- Native management for equipment of such BMS brands and standards as BACnet®, OPC®, LonWorks® and Modbus®

- Tool for automatic generation of mimics (Smart Generator) from CAD files

- User-friendly Web management for scheduling

- Centralized user rights management for the operators (Active Directory)

- Powerful alarm management system (filters, masking, delays etc.) for faster and more efficient acknowledgement

- Reporting to enable fast optimization of power consumption

- Audio alarm notification system, GSM, Email, SMS etc.

- Smart Mobile Asset based Services with MAP services and GEO information data

Some references

EADS, TOULOUSE - TOTAL TOWER AT LA DEFENSE, PARIS - EDF, TOWER AT LA DEFENSE - CENTRAL CHINA TV (CCTV) TOWER - LOUVRE MUSEUM - PALAIS DES CONGRES - SENAT - AEROPORTS DE PARIS (ADP) – RENAULT FACTORIES – FRENCH PETROLEUM INSTITUTE, LYON - L'OREAL – VICHY - SANOFI AVENTIS BUILDINGS - EIFFEL TOWER …
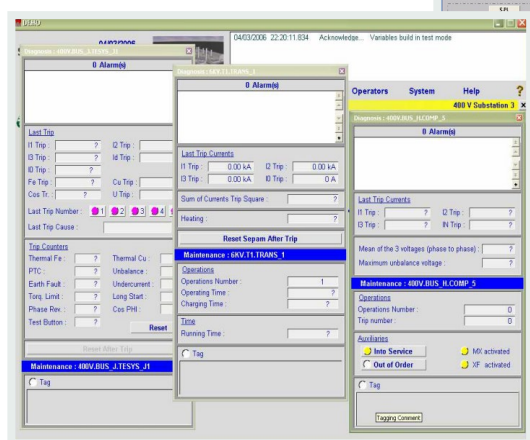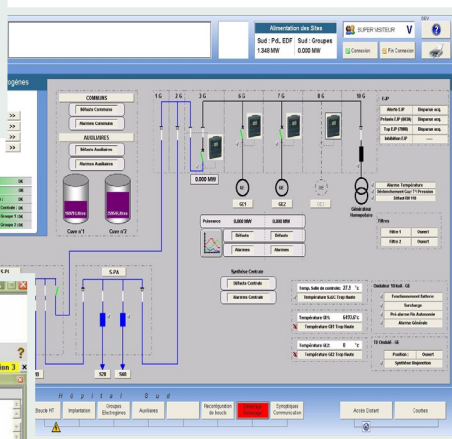
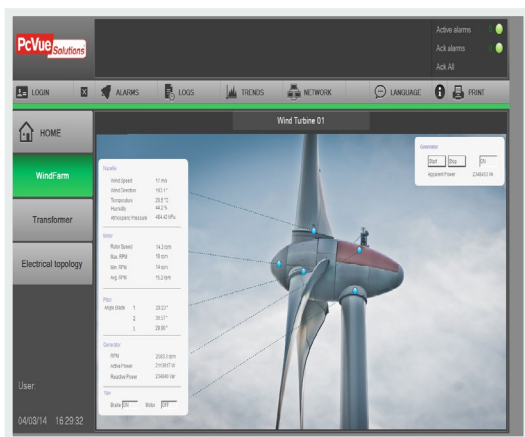## PcVue Solutions

Monitor and control any kind of plant for power generation and distribution

Take advantage of our experience and certifications

- Built-in time stamped protocol – data discrimination

- Control for electrical distribution protocols (IEC 61850 DNV Kema Certified, IEC 104, IEC 60870-5-104, DNP3, Modbus TCP/IP etc.)

- Network behavior simulation

- Monitoring and running standby supplies

- Archiving and reporting (via SQL Server) for diagnosis in case of electrical network failure

- 2D/3D graphic library and ISO objects for electrical distribution environment (circuit breaker, switch, etc.)

- Redundant architectures for high availability systems, data acquisition and backup

- Event management for real time and historical data

- Graphic animations with specific color-to-object coding

Some references

ELECTRICAL DISTRIBUTION: GAZPROM (SIBERIA) - SHARJAH ELEC (UNITED ARAB EMIRATES) - OURHOUD (ALGERIA) - S-OIL CORPORATION (KOREA) ...

COGENERATION: AWIRS - NAMURS (BELGIUM) - PEUGEOT - RHODIA ORGANIQUE - SPE...

RENEWABLE ENERGY: IBERDROLA (SPAIN) – EDF ENERGIES NOUVELLES - ECOTECNIA ASLTOM POWER - VERGNET - POSCON CO., LTD (KOREA)...

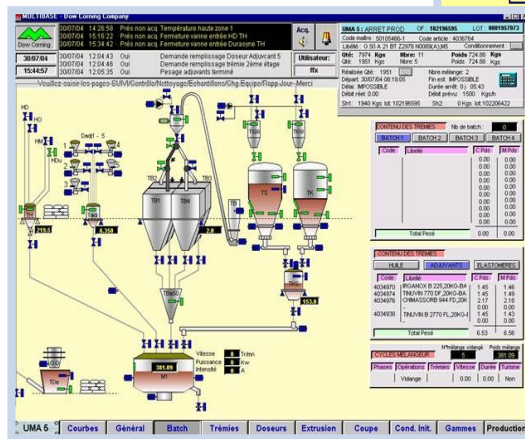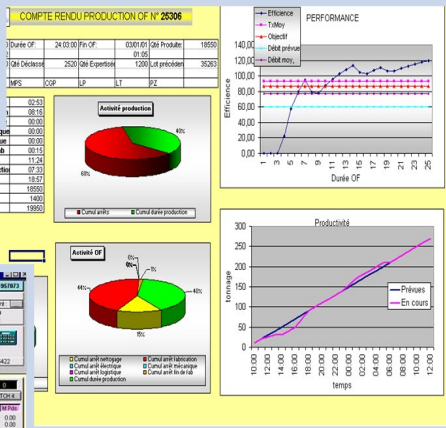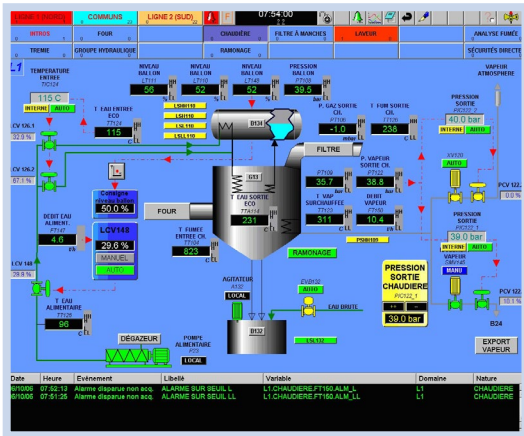**THERMAL:** ST GHISLAIN - MONCEAU (BELGIUM) – ENELPOWER (ITALY) ...

PcVue Solutions

Improve your production process

A modular offer to meet all your industrial requirements

- Protocol management for most PLC brands

- 2D & 3D graphic library and ISO objects for industrial environments

- Batch management and user-friendly control interface

- Management of SPC (Statistical Process Control) charts

- TPM (Total Productive Maintenance)

- ERP (Enterprise Resource Planning) interface–manufacturing order management and follow-up

- Archiving and reporting (SQL Server) with batch number, range etc.

- Enterprise Asset Management interface

- 21 CFR Part 11 (double signature, audit trail etc.)

INDUSTRY

Some references

FOOD & BEVERAGE: LAVAZZA - CANDIA - LU - YOPLAIT - NESTLE WATERS - LACTALIS - CHAMPAGNE BOLLINGER - BRASSERIES KRONENBOURG - FROMAGERIE HUTIN - SAINT LOUIS SUCRE...

CHEMICAL/PHARMACEUTICAL: NOVARTIS - BASF - BAYER HEALTHCARE - AVENTIS - RHODIA - RESINOPLAST - ALCAN - KENSO PROJECT (MALAYSIA) - DIVYA PHARMACY (INDIA) - HIGHTECH PHARM CO., LTD (KOREA)...

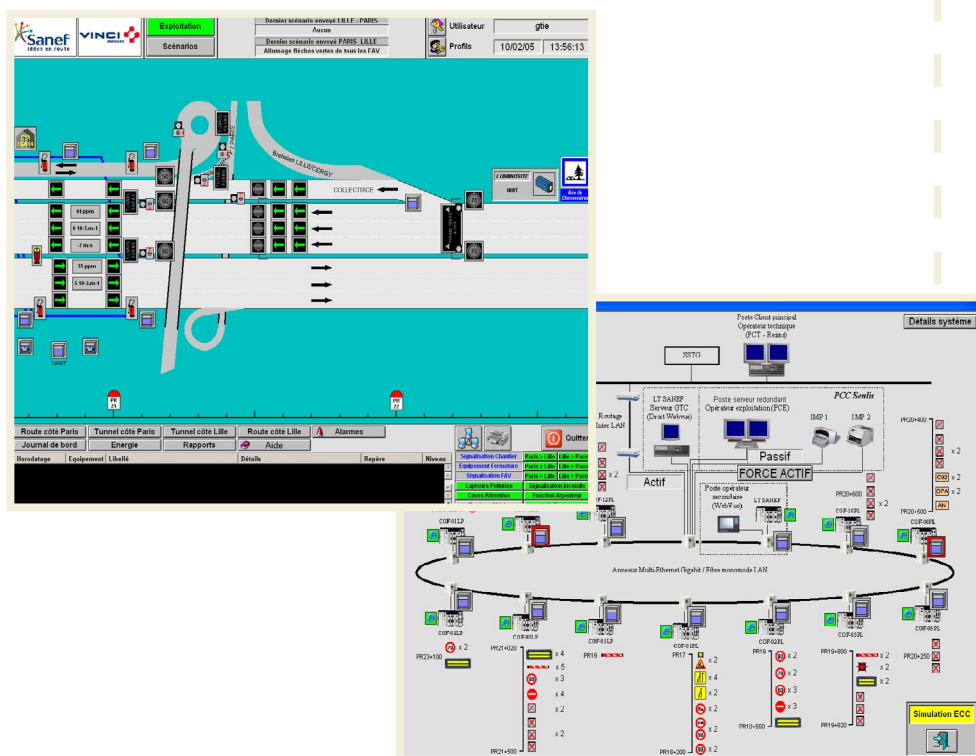**PROCESS:** SKIS DYNASTAR, ROSSIGNOL - UCAR - AIR LIQUIDE - VERRALIA...

PcVue Solutions

Monitor your infrastructure

An open, scalable and secure offer

- High-availability system architecture

- Fire detection protocols management

- Scenario Event Management (SEM) for traffic and lanes

- Video surveillance and security camera integration system

- Integration of interphone over IP (emergency call etc.)

- Automatic mimic generation from AutoCAD® files

- VCR (playback) functionality support

- Operation Aid System interface

- GIS (Geographic Information System) interface

- Alarm filtering by geographic zone, bridge, tunnel, railway etc.

- Archiving and reporting (SQL Server) for diagnosis analysis in case of failure

Some references

HIGHWAYS: AUTOROUTES SUD DE LA FRANCE - A10 - A14 - VIADUC MILLAU...

TUNNELS: CROIX ROUSSE LYON - MONACO - MONT SERIN - PAYON - SAINT GOTTHARD - SANEF AUTOROUTE A1 - PARIS TUNNELS - SIDE TUNNEL BRENNER AUSTRIA...

AIRPORTS: PARIS - ROISSY - CHARLES DE GAULLE - LE BOURGET & ORLY - BREST - CAMPIA TURZI - CARRASCO - CASABLANCA - GENEVA - LILLE - MALDIVES - MARSEILLE MARIGNANE - MELBOURNE – FIJI - TAHITI - PHILIPPINES - NICE - LYON ST EXUPERY ...

PARKING: SEPADEF (PARIS LA DÉFENSE) – NANTES (FRANCE) – PARIS ORLY AIRPORT - NICE AIRPORT – LOUVRE MUSEUM – MONACO – STRASBOURG AIRPORT - LYON PARK AUTO...
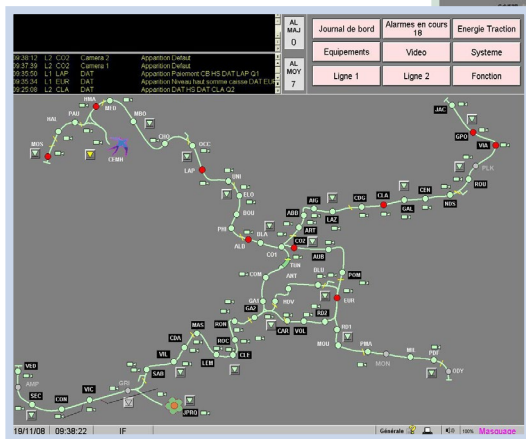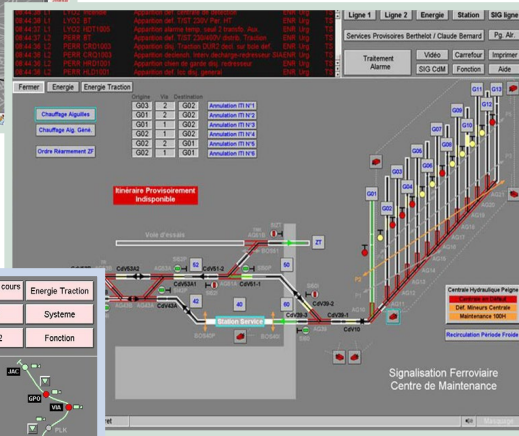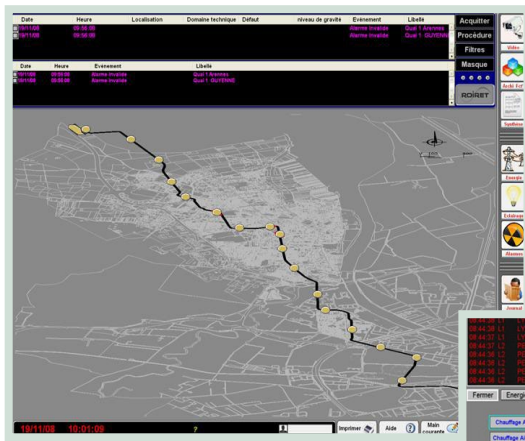
PcVue Solutions
Manage your technical infrastructure

A flexible offer integrating all the services necessary to manage your installations

- High-availability system architecture

- IP video surveillance integration

- Interphone over IP integration

- VCR functionality support

- Operation Aid Systems & GIS interface

- Alarm filtering by geographic zone, line & station

- High resolution mimics (max. 10,000 x 10,000 pixels).

- Native management of multi-screen displays & video arrays.

- Graphic animations with specific color-to-object coding (electric circuit, sidings, signals etc.)

- Development kit for third party applications interface (vehicle tracking, space-time diagram etc.)

Some references

TRANSPORTATION: GRENOBLE TRAMWAY - MONTPELLIER TRAMWAY - LYON METRO - MARSEILLE METRO - SNCF - PERUMKA RAILWAY, INDONESIA - SMRT, SINGAPORE METRO - SANTIAGO METRO IN CHILE - ISTANBUL METRO IN TURKEY - CAIRO METRO IN EGYPT - ADELAIDE METRO IN AUSTRALIA - MEXICO CITY METRO - TRAIN SIGNALLING MAIN CONTROL CENTER COLOMBO (SRI LANKA) - AUCKLAND TRAIN SIGNALIZATION...
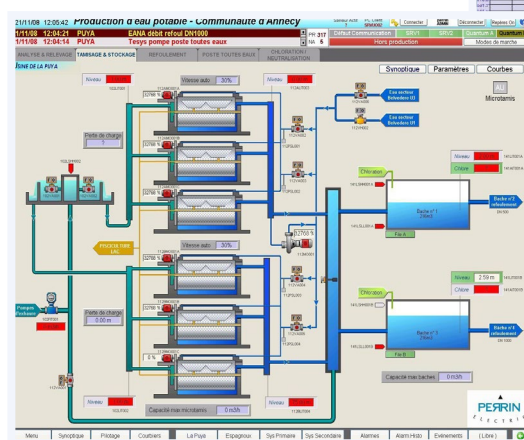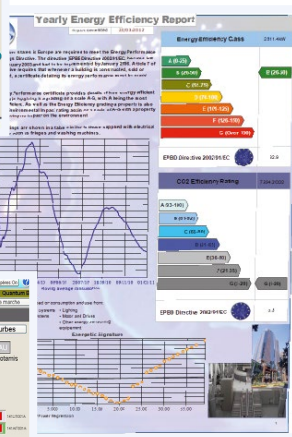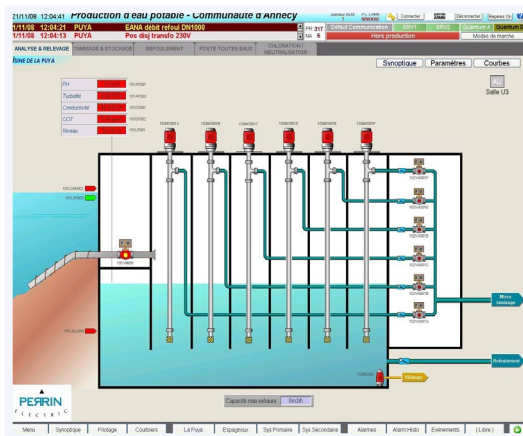
PcVue Solutions

Control your water & wastewater utilities

An offer designed to meet the standards and safety requirements of this sector

- Solutions for purification plants for drinking water and for waste water

- Automatic data archiving and reporting

- GIS Interface for an user friendly interactive map to facilitate the decision making

- Automatic generation of balance sheets and reports for regulatory compliance

- Audio alarm notification system, GSM, Email, SMS etc.

- High availability architecture to sustain continuous service

- Alarm and analysis system compliant with quality control

- Flexible system architecture (single station, client/server)

- Secure remote access via web browser or mobile: maintenance, call schedule, owner, local groups etc.

- Incoming call management

- Powerful trending features

- Archiving and reporting (SQL Server)

Some references

WASTE WATER PLANTS: NICE - ISTANBUL - FLORENCE - BASTIA - PARIS - RICHEMONT - EPERNAY - BELFORT - CAYENNE - NORTH LUXEMBOURG WATER SYNDICATE - ESTAVAYER LE LAC (SWITZERLAND) - BUCHAREST...

WATER DISTRIBUTION: PARIS (SIAAP) - LYON - NICE - GRENOBLE - SHANGHAI - FLORENCE – TAKSETP - LUGANO - MONTPELLIER - PT INDOMITRA ANEKA ABADI (INDONESIA) - NATIONAL WATER SUPPLY AND DRAINAGE BOARD (SRI LANKA)...

PcVue Solutions®

by ARC Informatique

Your Independent Global SCADA provider

ISO 9001 and ISO 14000 certified