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More than just a product: available services and options

- ELUTIONS offers a full range of product related services to facilitate the use of Wizcon Supervisor
 - The Wizcon Premium Maintenance ProgramSM is designed for users who want to receive all new software versions and upgrades automatically.
 - The Wizcon Hotline PlusSM service contract is designed for users who want the convenience and security of unlimited telephone hotline support (during normal CET business hours) throughout all phases of their application development.
 - The Wizcon eXpert ProgramSM is designed for advanced users who want the security of automatically receiving new product versions, the comfort of dedicated technical support resources including a telephone hotline, and the convenience of other product related services, including a members-only website and e-learning.
 - Wizcon Professional Services: Training, Consulting-Assistance, Upgrade/Application Development, and Custom R&D are some of our other services.
- For further details, please ask your Wizcon representative.

Partner with Wizcon

Benefit from Wizcon's more than 19 years of experience in mission-critical control and automation software:

Wizcon Supervisor enables companies to improve productivity and profitability through secure, real-time exchange of information between fixed and mobile assets and the people and business systems that rely on them.

For nearly two decades, Wizcon Supervisor has been helping small, medium and large Global 2000 companies turn device information into business intelligence. Wizcon's Internet-based information systems for device monitoring, management and control deliver critical insights to help lower costs, increase revenue, and build customer satisfaction.

Global presence with sales and support offices across the US and Europe. More than 60 distribution partners worldwide. All worldwide Research & Development, Engineering, Support, Training and Marketing activities for Wizcon Supervisor are located near Lyon, France.

- Many references in building automation & facilities management, cooling & refrigeration, industrial process control, water & waste, power & energy, etc.
- Large installed base of over 50,000 applications
- Global operations
- Support for 11 languages
- Sustainable solution for past 19 years
- Scalability and backward compatibility
- Our unique, award-winning technology is field-proven and recognized



Wizcon for Utilities & Environment Infrastructure Management

Utilities & Environment Infrastructure Management

Wizcon Supervisor

The complete Internet-based solution for control and information



ELUTIONS, the world's leading provider of Web-enabled and Wireless Enterprise Automation solutions and services, helps you manage utilities, lower service costs and significantly increase customer satisfaction and profits.

- **Independent vendor, offering open connectivity solutions to legacy or new systems**
 - Power & Energy
 - Water & Waste
 - Transportation & Infrastructure
 - Green industries
- **Unique Energy Management solution with ELUTIONS AEM[®]**
- **Asset Performance solution for managing fixed and mobile equipment with ELUTIONS ALERT[®]**
- **Utilities and infrastructures management and process automation at its best**
 - Unique advanced technology includes remote Internet monitoring, services and asset management capabilities
 - Over 50,000 Wizcon[®] Supervisor[™] applications installed worldwide
 - Advanced web visualization
 - Secure, scalable architecture
 - IEC 61131-3 soft logic programming tool
- **Manage your utilities business cost effectively**
 - Manage multiple assets and equipment, remotely and securely, through award-winning Wizcon Web and Network technology
 - Link geographically dispersed assets in the field with Enterprise software (Service, CRM, Energy management, Asset performance...)
 - Connect via over 160 communication drivers



Markets served:

- Utilities Automation and Control
- Facilities Management
- Power and Energy
- Water and Waste
- Transportation
- Environmentally-friendly, green industries
- and more...

Applications:

- Public facilities and infrastructures
- Freshwater production and distribution
- Sewage, wastewater treatment
- Flood control, holding, pumping, raising
- Canals, waterways, automated bridges and dikes, irrigation
- Desalination
- Roads and tunnels, tolls, traffic management
- Railways, airports
- Power generators, UPS monitoring
- Renewable energy: wind farms, hydro, tidal, geothermal
- Energy distribution: municipal heat/steam, gas, electricity
- and more...

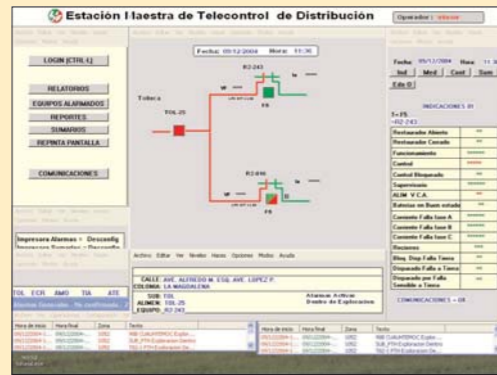
Universal communication:

RTC modem, GSM, Nokia M2M, radio, satellite, ADSL...

All the key communication drivers for the Utilities markets are included in the Wizcon Supervisor suite:

- OPC
- Industry standard PLCs (e.g. Vestas, Gamesa, GE, Bonus...) and RTUs (e.g. Tbox, Sofrel, Napac, Perax, Wit, Motorola...)
- Bespoke driver development kit
- Building Automation protocols (e.g. BACnet, LonWorks, EIB/KNX...)
- Plus all the standard automation fieldbuses, (e.g. Profibus, Interbus, Modbus, TCP/IP...)

Ask for the complete list of over 160 Wizcon communication drivers



Power grid control, Mexico

Information: the key in Infrastructure Automation & Facilities Process Management

For over 19 years, Wizcon has been the most innovative SCADA (Supervision, Control And Data Acquisition) solution for water & waste networks, power & energy installations, and large infrastructures. Through continuous technology innovation and new leading-edge service offerings, Wizcon is a market leading web-based open control and supervision software solution for process management with high-profile references and proven success from the simplest stand-alone application to the largest multi-site systems with several hundreds of thousands of points under control.

Today, application requirements for managing infrastructures, utilities and green industries have changed: application sizes have grown with more systems to control and increasingly heterogeneous sources of information while in parallel, cost control strategies require maximum efficiency from employed personnel. As a key player in these diverse markets, Wizcon is aware of these market changes and has been deploying smart, appropriate solutions to address the needs of its customers for fast and secure application development.

Web-based supervision and control all in one software suite

Wizcon Supervisor offers a suite of well integrated PC-based software combining SCADA process control (IEC 61131-3 PC-based Soft Logic) and Web publishing of real-time data. This unique combination enables developers not only to build supervisory applications faster than ever, but also to introduce smart and easy to program control applications between many different real-time information sources, such as PLCs and other control systems. Moreover, the integration of control and supervision enables dramatic cost and time reductions during application commissioning, because the same real-time database is used for control and supervision.

In addition, simultaneous connections to various remote systems and applications within an organization offer visualization and control for any user, operator or owner through a simple Web browser. This unique combination of the most advanced Web technology, visualization and control tools has been demonstrated in thousands of utilities applications installed using international partners and OEMs, and contracting with key players in the market.

Efficiency of operations, cost control and billing

The cost pressure on operations, maintenance and energy is intense for all operators. The complexity of relationships and interactions between the owner, operators, suppliers and customers has significantly increased. In order to achieve their respective goals, access to real-time data and accurate reporting are essential: through a complete set of features, Wizcon Supervisor brings efficiency in control to new levels and enables deployment of new management strategies.

Wizcon Supervisor: the Utilities web portal

In today's modern world, enterprise wide network infrastructures or wireless communication systems are available in all areas of an asset. Internet access is pervasive and it is often easier to get an internet access than a phone line. Wizcon Supervisor has all the necessary tools to take maximum advantage and provide data acquisition and control for diverse systems and software.

Information has no value until you share it and the easiest way to share information today is through the convenience of Web technology. Wizcon Supervisor makes all information available through the use of a simple Web browser without the need of special programs or plug-ins. Any authorized user can use any available computer to visualize and control specific areas of the facility. The Web functionalities of Wizcon Supervisor, associated with its powerful capabilities for data acquisition and real-time communication, offer an easily configurable, real-time Web portal to access and manage facilities management information.

Wizcon Supervisor manages all vital functions:

- Process control
- Traceability
- Stock control
- Centralized remote management
- Energy generation
- Production
- Distribution networks
- Metering
- Pumping
- Shut-down systems
- Security: Access control, biometrics, video/CCTV, fire alarms
- and more...

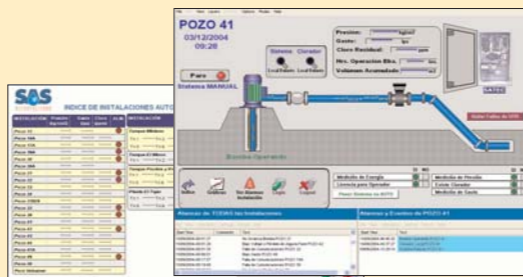


The no-risk solution:

An excellent, mature, award-winning SCADA/HMI software product, the fruit of over 19 years of experience in Process Automation

- Training
- Integrated remote hands-on assistance
- New versions are backward and forward compatible
- Worldwide network of partners to assist you with building your application:
 - More than 60 authorized distributors
 - Wizcon CertifiedSM system integrators who are fully trained on the latest version of the product
 - Wizcon eXpertSM system integrators who use the latest software version to develop, are fully trained on the product, and benefit from Wizcon development assistance
 - Wizcon VIPartnerSM system integrators who extend new innovative services with support including assistance, training and application management

Wizcon Supervisor: no risk, HIGH VALUE



Water & Waste management

Wizcon Supervisor suite

Diverse systems, multiplicity of users and needs: just one Supervisor!

Companies in the utilities industry have vastly complex and diverse control and business systems. From the owner / operators, external suppliers, maintenance personnel, users and "data consumers", all must access critical real-time information to achieve their various goals. The need of an open system, answering the supervisory control and command requirements of all, is achieved using advanced Web technology from Wizcon. Based on a Java thin client model, the Wizcon Supervisor software suite offers a full graphical user interface over the Web for monitoring, reporting and control of real-time information. Communication between Wizcon Supervisor and the Web user is bi-directional. Once identified, authorized users can visualize data, alarms and other information according to their user profile. They can also change set points and values, and acknowledge alarms.

Real-time process information and control from anywhere

Whether from the local PC or via Internet, users can access data from virtually anywhere.

- Total control from the desktop
- Secure thin client technology
- No plug-ins or special software, just a standard Web browser
- Connect over any network, intranet, wireless or dial-up modem connection, with any basic PC, even wireless PDAs and Tablet PCs modem connection, with any basic PC, even wireless PDAs and Tablet PCs
- Accessible from remote locations, securely
- Convenient for users responsible for multiple assets
- Access anytime, anywhere in real time

High security: protect people, equipment, information and investment

The best way to improve security and protect assets is to prevent problems, and when they do occur, to rapidly warn the appropriate users. Wizcon Supervisor's Advanced Alarm module (WizAAM) triggers alarm messages issued from basic information monitoring, rate of change, deviation from a set point as well as from the most complex sequential script. The 2D matrix identifies the correct recipient using an on-duty/weekly schedule. The alarm is sent using any available means (see next paragraph) as a text or voice message. Once notified, the user can respond either through the local Wizcon Supervisor graphic user interface or through a convenient Web interface. Data security is guaranteed thanks to a robust user management system that identifies and authenticates the user through a secure ID and password.

Lower maintenance costs: efficient equipment and personnel management

WizAAM optimizes and integrates on-duty management personnel. Alerts are automatically routed to the manager on duty based on the time and day the event occurs, e.g. the technical maintenance manager may be notified during business hours, but out of hours the person on call is notified. WizAAM handles the on-duty schedule for different operators and sends alarm messages to personnel wherever they are using any available network connection, such as the LAN or Internet (HTML, email or remote printer), fax, telephone or GSM (voice or SMS), M2M and dial-up modem connections, radio or satellite links... If the pre-defined time limit expires before corrective action is taken, the alarm is re-routed up the chain of backup users until the alarm is acknowledged.

Grow: flexible and future proof

Utilities assets and facilities are not static. Frequently modifications are made, as new installations of equipment and upgrading of existing installations takes place. Wizcon Supervisor offers all the features to enable maximum flexibility for your application. The software suite integrates all the tools to develop or change the application in real time, including easy to use application generators.

Control costs: optimize efficiency & raw material usage via accurate reporting

Wizcon Supervisor enables cost control by communicating critical operational data in the form of graphs, energy reports and data tables. Critical real-time data can be made available automatically to enterprise business systems, giving managers more accurate business visibility. Data is available using WizReport XL, Wizcon Supervisor's reporting tool. WizScheduler for Internet is a standard module in Wizcon Supervisor that facilitates task control according to daily, weekly, monthly and yearly planning. For example, WizScheduler enables regular maintenance checks of mission-critical equipment to be assigned on a time basis, minimizing energy consumption, equipment wear and tear, and enhancing cost control. Configuration of the system is done from your desk using a simple Web browser. Exceptions, such as days off or shutdown periods, are easily programmed with only a few mouse-clicks. In fact, any time-based operation can be initiated using the scheduler, and integrated into the main control system. Wizcon Supervisor allows for the automated scheduling of tasks using scripts, which can be extremely simple or powerfully complex. And when needed, these tasks can be manually overridden. Companies can proactively manage their business and processes, reducing costs, and increasing equipment uptime and business efficiency.

Communicate freely: easy connection to remote devices

Wizcon Supervisor has over 160 communication drivers and the possibility to support up to 32 communication drivers simultaneously. Wizcon Supervisor is OPC HDA compliant, acting as a Historical Data Access server to provide embedded key historical data and alarm information. Wizcon Supervisor also acts as a complete OPC DA (Data Access) client and server and OPC AE (Alarms & Events) client interface, thus can meet the needs of the most complex data acquisition configurations and access all information in automation and regulation devices. All major open protocols are supported.

Protect your investment: the system grows with your needs

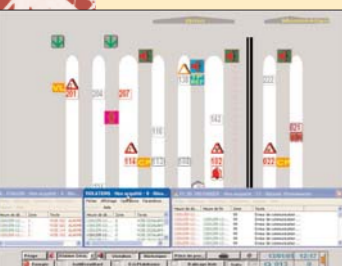
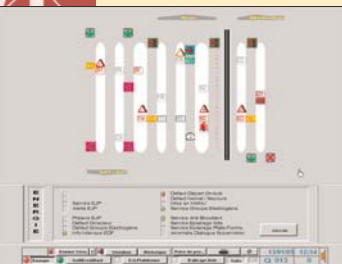
The flexibility and scalability of Wizcon Supervisor allows for easy expansion of the system. For example, networking between Wizcon Supervisor stations is automatic. Just add a new station to the network and thanks to its distributed database architecture, full access to all existing data is enabled automatically. Wizcon Supervisor comes complete with all the tools required to build an automation application out of the box. Most of the tools for which competing SCADA software vendors often charge extra, are included. However, adding options to or upgrading an Wizcon Supervisor license is simple. A software installation is not needed: a digital activation code and our RUS utility (Remote Upgrade Service) handle it all, in just a few mouse-clicks, remotely and without further delay!

Lower total cost of ownership (TCO)

Wizcon Supervisor is a powerful PC-based, web-enabled SCADA software suite that can also easily be scaled for large facilities management and connected to enterprise software systems. For further details, ask your Wizcon representative.

WizCAD: the AutoCAD® file converter that generates SCADA applications for facility management

Save development time, save maintenance costs, reduce errors. Based on AutoCAD designs, Wizcon WizCAD® ensures automatic updates of databases, images and related animations linked to the supervision system. This includes a real vector import, enabling the re-use of AutoCAD objects in the images and animating them with real-time information, and also the possibility to import layers and associate them with different users such as electricians, specific equipment maintenance teams, etc. The solution uses specific AutoCAD macro commands and a specialized AutoCAD design converter for same-day turnaround and use with Wizcon.



Highway toll station application generator, France

