TAC Xenta™ 511
Complete control via the Internet

EXPLORE YOUR BUILDING
The convergence of Internet and LONWORKS® technology creates new opportunities in building automation and TAC® is in the forefront of this development with the concept of Open Systems for Building IT™.

The TAC Xenta 511 is a multifunctional presentation system with an embedded web server that allows you to access LONWORKS-based networks via a web browser anywhere in the world, around the clock. The flexibility and speed of supervision it gives you are unprecedented. TAC Xenta 511 acts as a core part of the TAC Vista system where all data can be consolidated, creating a highly scalable solution.

AT THE LEADING EDGE
As a stand-alone presentation system, the TAC Xenta 511 offers broader functionality than any other product of its kind. Examples of this functionality include complete remote configuration, trend logging, time scheduling, alarm and event monitoring, view and acknowledge of alarms.

The TAC Xenta 511 can also act as a time server, and of course present both dynamic values and dynamic graphics. All functions are accessible from any web browser over intranets and the Internet.

EXTRAORDINARY SECURITY
Whether your main concern is physical access or Internet security, the TAC Xenta 511 offers you a very reliable solution. It utilizes the encryption systems HTTPS and SSL. For example, banks use this for Internet access. A user name and protected password are required for logging in.

The TAC Xenta 511 also supports selective user authorization for different levels of functions. Selective information access is another feature: different users get access to different information, based on their need to know.

- Cost effective solution for small and medium sized buildings

- Accessible from anywhere at any time through a web browser

- Remote configuration capability

- Remote monitoring and management of alarms, events, and trend logs

- Comprehensive security features

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Web-based monitoring of small and medium sized buildings
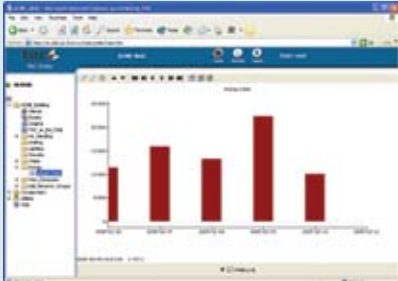
Graphics: Bar graphs and table presentations of energy usage and other data present a powerful overview of your facilities data. Trend logs update dynamically on the screen.

COST EFFECTIVE

The TAC Xenta 511 is the optimal choice if you need a cost effective solution for monitoring installations such as district heating plants, apartment buildings, offices or day-care centers. With the TAC Xenta 511, you get all the necessary features of a presentation system at a fraction of the cost of a complete supervisory package.

IT FRIENDLINESS

All web protocols fully support the http standard. This makes it easy to install in IT networks. Both normal proxy servers and reversed proxy servers are supported.

ENERGY LOGS

The TAC Xenta 511 is able to get energy log data from LON®-Based and Modbus energy meters. The data can be presented in table views and graphs. TAC Xenta 511 gives you the tool to conform the new EU directive on energy savings in buildings that will be implemented shortly.

FUTURE-PROOF

The TAC Xenta 511 is based on standards that will be around for a long time, such as TCP/IP, LONWORKS and Java. So, if you need to grow and expand your system some-time in the future, there will be nothing holding you back. Another way in which the TAC Xenta 511 is future-proof lies in its expandable memory. The TAC Xenta 511 has a built-in MMC (MultiMediaCard) slot for memory expansion. These memory capa-bilities makes TAC Xenta 511 very practical for storing electronic information such as system documentation, drawings, data-sheets, and application files.
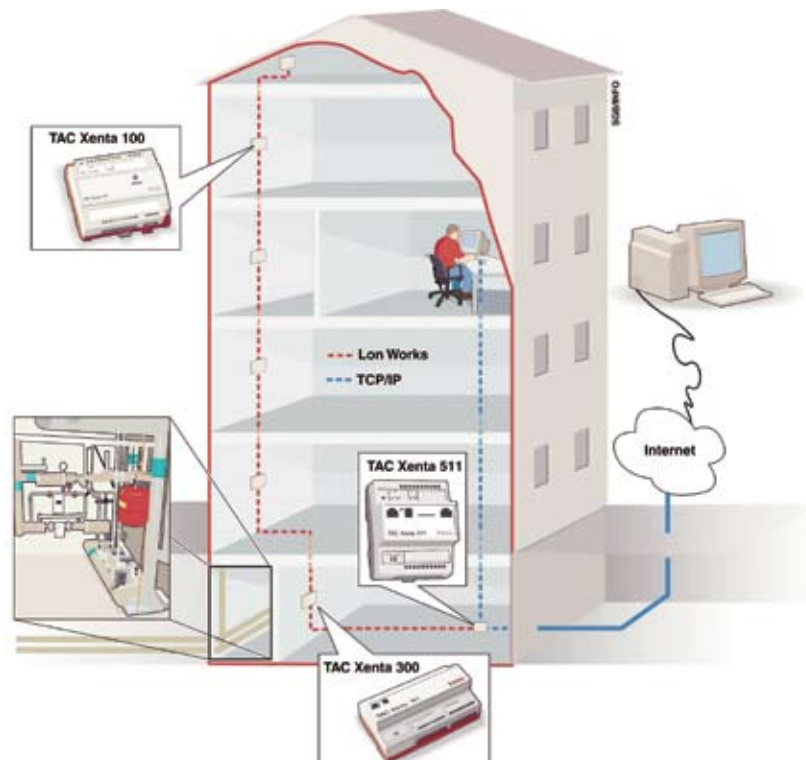
The TAC Xenta 511 allows an operator to easily view and control the devices in a LONWORKS network via Internet or local intranet.

ALARM AND EVENT MONITORING

The alarm and event monitoring features included in the TAC Xenta 511 allow users to perform a number of different actions over the Internet. For example, you may review alarm status and acknowledge alarms via a web browser, and also receive alarms via e-mail. Even external signals can be triggered, activating indicator lights or other devices. Finally, the TAC Xenta 511 can supervise communication with other units – both LONWORKS nodes and IP nodes – and when a device goes off-line, the TAC Xenta 511 senses it and sends an alarm.

TIME SCHEDULING

The TAC Xenta 511 provides a convenient time scheduling feature, allowing a fully flexible control of the building according to time settings determined. And – as with all other TAC Xenta 511 functions – these settings are made via an ordinary web browser.

TREND LOGGING

Trend logging can also be managed via a web browser, and it is possible to start, stop, and clear the trend log remotely. Meter readings, e.g. from LON® meters can be logged. The Trend Viewer can then present the logs as bar graphs or in table format and archive them in a database.
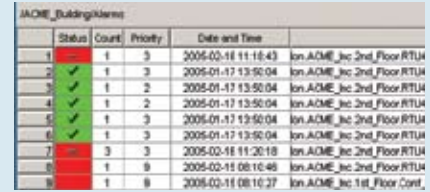
Another feature offered by the TAC Xenta 511 is activation of trend logs via a pre-defined signal, such as a specific event or alarm.
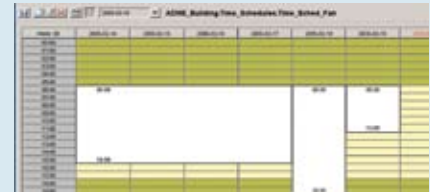

ENGINEERING TOOL

A further advantage of the TAC Xenta 511 is the engineering tool, XBuilder, which simplifies engineering procedures. The TAC Xenta 511 is supplied with ready-made web pages, with menus and help texts, and an option that lets you create your own web pages and links using XBuilder. The web pages can include function illustrations and – with their flexibility of display – can show alarms, values and alarm summaries. Network configuration is made easy with XBuilder, since it allows you to configure your network using either LONMAKER or TAC Vista™.
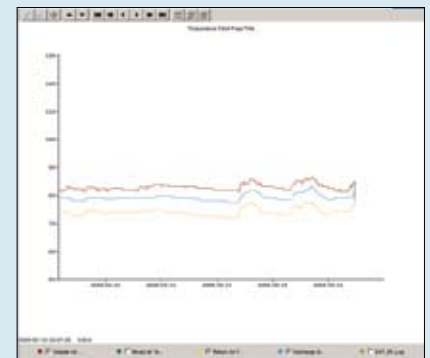
COMPLETE REMOTE CONFIGURATION

With complete remote configuration capability, the TAC Xenta 511 provides you with a new, more convenient way of dealing with system set-up and service. All the configuration of the system can now be performed remotely and system software upgrades can be performed quickly and easily through Internet downloads.

SPECIFICATIONS

TAC Xenta 511

PROCESSOR

32-bit RISC

MEMORY CAPACITY

Flash 16 MB
Expandable with a MMC (MultiMedia Card) with up to 128 MB

COMMUNICATION

Ethernet 10 Base-T
LonWorks FTT-10A for TP/FT-10
RS232A
    Modem 9600-56000bps
    Modbus Master/Slave (option)
RS232B
    PC-Connection

TCP/IP

Supports HTTP, HTTPS, SSL (128-bit), DHCP, DNS SNMP, SNTP, SMPT, FTP, PPP and Data Exchange Protocol

BROWSER COMPATIBILITY

Internet Explorer
Netscape Navigator

FEATURES

Real time graphics and values
Trend logging and charting
Time schedules
Time synchronization
Alarm management
Alarm notification via email
Operator security
Personal home page
Energy log

a company of
Schneider Electric

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