TAC Xenta® 511

A Web server device that makes it easy to monitor LonWorks®-based networks via the Internet

Complete control—via the Internet

Using TAC Xenta 511, you can control, monitor and dynamically view system status via simple, intuitive navigation within a standard Web browser.

Depending on authorization, connected users can make changes to operational parameters and set points, as well as check and acknowledge alarms. Users can also read system-specific documentation such as function descriptions, technical datasheets and service reports.

Basic functions within TAC Xenta 511

All value updating takes place dynamically in real time. If a user changes a set point, the information is immediately updated to all connected users. Authorization can be given at several levels and maintained by the use of encryption.

TAC Xenta 511 has ready-made Web pages with menus and help texts along with the option of creating your own Web pages and links.

The TAC Web Tool creates Web pages with function illustrations, showing alarms and values, alarm summaries with a flexible display, and trend graphs with historical data—and the option of reading and writing accessible variables. This tool also generates system documentation, which you can save in TAC Xenta 511.

TAC Xenta 511 is a cost-effective method of monitoring small-scale LonWorks®-based networks.

TAC Xenta 511 works like any Web server, making it easy to monitor and control operations in a smaller system, such as a district heating center, an apartment block, offices or a daycare center—24 hours a day, over intranets or via the Internet.

Alarms generated through a change in the system can be forwarded via e-mail to multiple addresses, or as an SMS message to any number of mobile phones.

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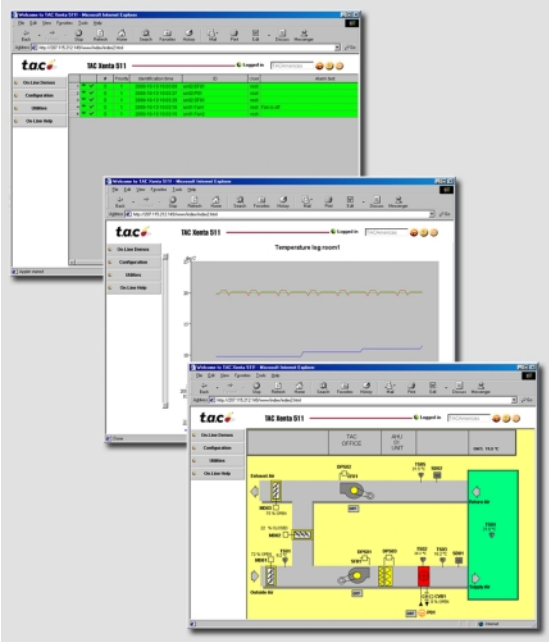
Control Systems International

TAC Xenta® 511

The Web server device for the new generation

TAC Xenta 511 opens new opportunities for using LonWorks-based networks, while also ensuring 24-hour access via a TCP/IP-based intranet or the Internet.
Its unique rapidity and flexibility makes TAC Xenta 511 the ideal solution for smaller networks where it is necessary to control and monitor heating, ventilation, air conditioning and security systems—simply and economically.



Top: Alarm, Middle: Trend Log, Bottom: AHU

TAC Xenta 511 has a built-in connection for MMCs (MultiMediaCards) which can be used for expanding memory for more Web pages or larger trend logs.

TAC Xenta 511 is constructed around standard products such as TCP/IP, LonWorks and Java. Updating and future functions are downloadable quickly via the network.

Security

Log-in is carried out by entering username and password

Encrypted login prevents eavesdropping

Only accessible Web pages are displayed

Enables selective user authorization for specific functions

Communication

Ethernet, 10Base-T with TCP/IP

LonWorks FTT-10A for TP/FT-10

Two serial ports for local or call-up connection

Accessible via standard Web browser

Supports HTTP, FTP, SMTP and PPP

Supports HTML, Java Script and Java Applet 1.1

Supports standard SNVT

Supports linking and polling of SNVT

Uses ldv32 dll for PC connection – used by TAC Vista for direct communication with a LonWorks based network via the Internet

Sample uses

Individual display of a tenant's energy data

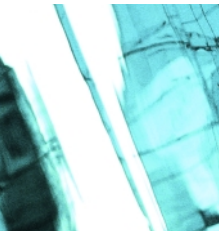
Logging of energy consumption in the form of diagrams

Specific screens for remotely controlling temperature, lighting and blind positions

Remote switch-over for emergency operation on receipt of alarm

Storage of messages and instructions

Logging for checking the usage level of office areas



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TAC occupies a leading position in the market as a supplier of open integrated systems within the field of building automation. Talking Buildings® encompasses the company's operations: to develop, manufacture and market products and services of open systems solutions to customers who value optimal indoor climate, security and low operating costs.

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