TAC Xenta™ 555

Embedded Web Server for MicroNet

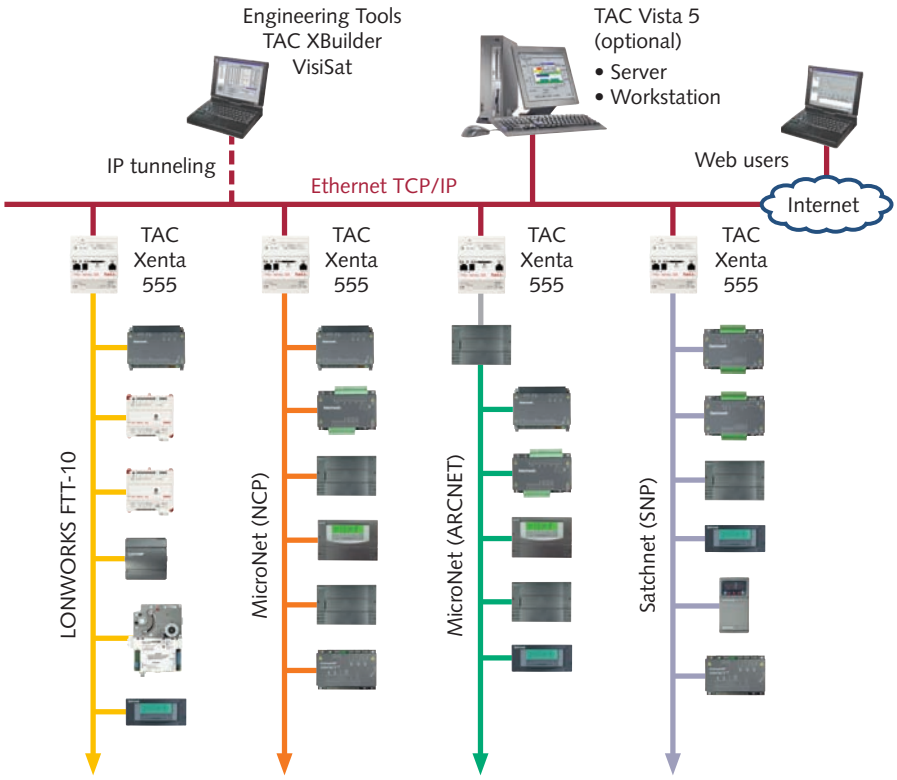
- Cost effective solution for new and existing installatiions
- Web access to all SNP and 'Bus-du-jour'® networks and controllers – NCP, ARCNET and LON
- Accessible from anywhere at any time through a web browser
- Rich, dynamic graphics
- Remote monitoring and management of alarms, events, and trend logs
- Comprehensive security features
- Remote configuration capability
- VisiSat tunneling support
- No extra or specialist software required

The TAC Xenta 555 (Xenta 555) is a multi-functional presentation system with a built-in (embedded) web server. It offers MicroNet and Satchnet users a feature rich web solution by providing secure access to MicroNet and Satchnet networks via a web browser. All functions are easy to use and accessible via intranets and the Internet – around the clock, anywhere in the world.

TOTAL CAPABILITY

As an autonomous user interface, the Xenta 555 offers broader functionality than any other product of its kind – including complete remote configuration, trend logging, time scheduling, alarm and event monitoring. Site information is displayed dynamically through powerful web graphics pages, with continuous updating of live values in real time.

The Xenta 555 can act as a portal to TAC's powerful Vista BMS, offering a comprehensive and integrated solution for building management and security.



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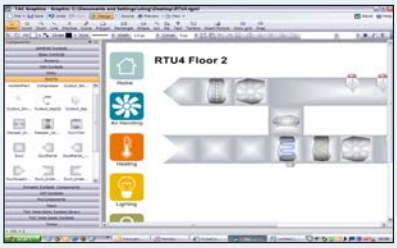
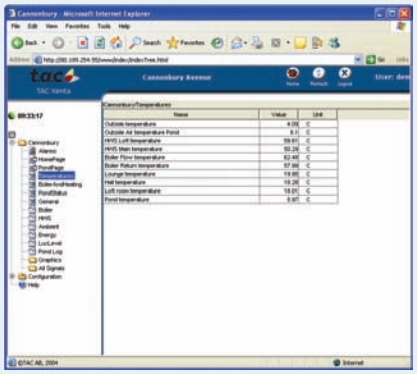
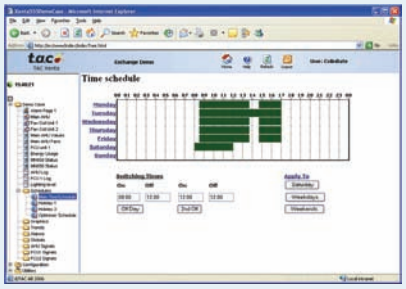


Graphics in no time
- Complete graphical presentation of the plant/installation
- Standard viewers and customised web pages
- Easy set-up in XBuilder
- Authorised users can change values and acknowledge alarms
- TGML graphics



Status viewer
- Tabular presentation of pre-selected objects
- Real time Data
- Authorised users can change values and status



Schedule viewer
- Graphical presentation of Time & Holiday schedules
- Supports Optimiser Time schedule
- Easily edited, subject to user's authority level

Web-based monitoring of small and medium sized buildings

COST EFFECTIVE AND SCALABLE

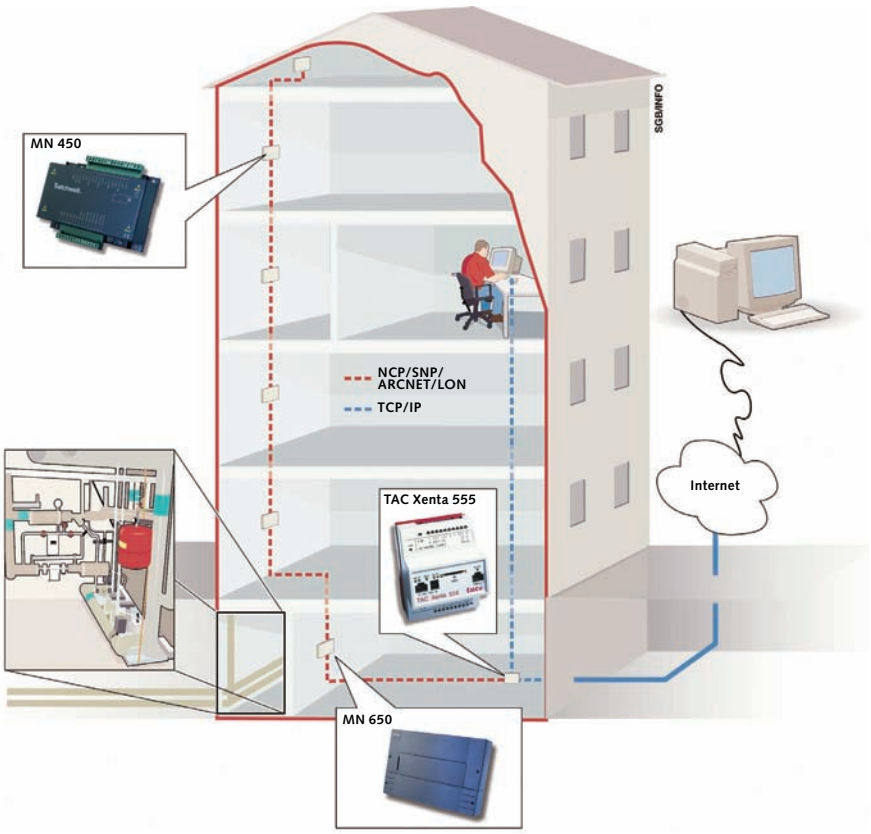
The Xenta 555 is the optimal choice for monitoring installations in small and medium sized buildings such as schools, clinics, libraries and other public buildings, as well as offices, retail premises, and other commercial buildings. It is particularly valuable for monitoring remote sites and networks of buildings. With the Xenta 555, you get the key **presentation features you** need at a fraction of the cost of a complete supervisory package.

EXCEPTIONAL SECURITY

Whether your main concern is physical access or Internet security, the Xenta 555 offers you a very secure and reliable solution. It utilizes the encryption systems HTTPS and SSL, the same systems banks typically use for Internet access. A user name and protected password are required for logging in.

CUSTOMISED INFORMATION

The TAC Xenta 555 supports selective user authorization for different levels of functionality, allowing appropriate access rights to be assigned for each user. Selective information access is another feature: different users get access to different information, based on their need to know.



The Xenta 555 allows an operator to easily view and control the devices in a Micronet network via the Internet or a local intranet.

ALARM AND EVENT MONITORING

The Xenta 555's alarm and event monitoring features allow users to perform a number of different actions over the Internet. For example, you can review alarm status and acknowledge alarms via a web browser, and receive alarms via e-mail. Even external signals can be triggered, activating indicator lights or other devices. Finally, the Xenta 555 can supervise communication with other units – such that when a device goes off-line, the Xenta 555 senses the problem and sends an alarm.

ENERGY LOGS

The Xenta 555 offers comprehensive energy management capabilities and can report energy data from LON meters and MicroNet pulse counting controllers (MN550 or MN650). The data can be presented in tabular or graphical format. The Xenta 555 gives you the tool to monitor your energy usage and to conform to EU Directives on energy savings in buildings.

TIME SCHEDULING

The Xenta 555 provides a convenient time scheduling feature, allowing fully flexible control of the building in line with the latest time settings. As with all other Xenta 555 functions, these settings are made via an ordinary web browser. The Xenta 555 can also act as a time server.

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 can be logged. The Trend Viewer can then present the logs as bar graphs or in tabular format and archive them in a database. Another feature offered by the Xenta 555 is activation of trend logs via a pre-defined signal, such as a specific event or alarm.

ENGINEERING TOOL

XBuilder, the intuitive engineering tool for the Xenta 555, imports controller and object information from the VisiSat points list, minimising engineering time and cost. It offers the option to create your own web pages and links – in addition to the ready-made web pages, menus and help texts supplied as standard with the Xenta 555. The web pages can include function illustrations and show alarms, values and alarm summaries.

COMPLETE REMOTE CONFIGURATION

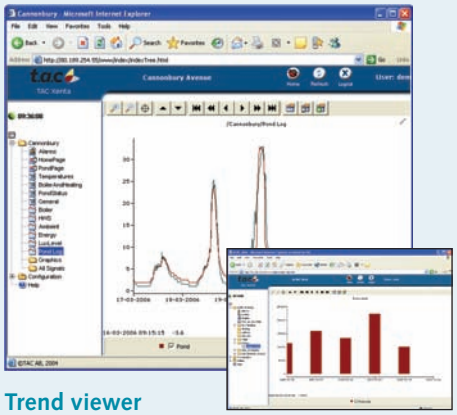
With its complete remote configuration capability, the Xenta 555 provides a new, more convenient way of dealing with system set-up and servicing. All system configuration changes can now be made remotely and system software upgrades can be performed quickly and easily through Internet downloads.

IT FRIENDLY

Web protocols and the http standard are fully supported, making the Xenta 555 easy to install and wholly compliant with IT networks and standards. Proxy servers and reversed proxy servers are both supported.

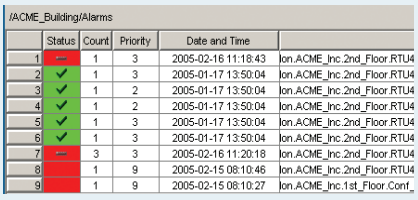
FUTURE-PROOF

The Xenta 555 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 in the future, there will be nothing holding you back. In addition, the Xenta 555 has a built-in MMC (MultiMediaCard) slot for memory expansion, making it very practical for storing electronic information such as system documentation, drawings, data-sheets, and application files.



Trend viewer

- Graphical presentation of live and historical data
- Log activated manually or automatically
- Values updated dynamically
- Navigation tool bar
- Multiple object display with zoom
- Curve or bar graph presentation
- Energy calculation and usage presentation

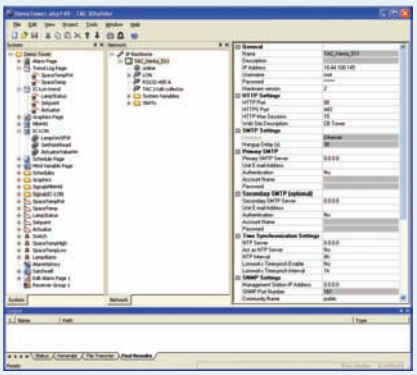


/ACME_Building/Alarms

	Status	Count	Priority	Date and Time	
1		1	3	2005-02-16 11:18:43	lon.ACME_Inc.2nd_Floor.RTU4
2		1	3	2005-01-17 13:50:04	lon.ACME_Inc.2nd_Floor.RTU4
3		1	2	2005-01-17 13:50:04	lon.ACME_Inc.2nd_Floor.RTU4
4		1	2	2005-01-17 13:50:04	lon.ACME_Inc.2nd_Floor.RTU4
5		1	3	2005-01-17 13:50:04	lon.ACME_Inc.2nd_Floor.RTU4
6		1	3	2005-01-17 13:50:04	lon.ACME_Inc.2nd_Floor.RTU4
7		3	3	2005-02-16 11:20:18	lon.ACME_Inc.2nd_Floor.RTU4
8		1	9	2005-02-15 08:10:46	lon.ACME_Inc.2nd_Floor.RTU4
9		1	9	2005-02-15 08:10:27	lon.ACME_Inc.1st_Floor.Conf_

Alarm viewer

- Easy to operate and gives a quick and easy overview
- Read, acknowledge, block and sort alarms
- Colour coded alarm status.
- Alarm logs show date/time plus all related operator commands
- New alarms registered automatically



Engineering tools

- VisiSat 2.1 points list export for XBuilder
- XBuilder imports controllers and objects from points list
- Creation of Web views, incl graphics, trend log, values & alarms
- Download via Ethernet

SPECIFICATIONS

TAC Xenta 555

PROCESSOR
32-bit RISC

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

BROWSER COMPATIBILITY
The X555 is optimised for Microsoft Internet Explorer 6.0

COMMUNICATION
Ethernet 10 Base-T
RS-485 NCP,
ARCNET or
LON FTT-10)
RS232 PC Connection
RS-485-SNP

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

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

Products Supported by Xenta 555

MicroNet 'bus-du-jour'® and SNP controllers listed below, plus TAC Xenta, I/A Series, and other LONMARK™ controllers

MICRONET 50 SERIES
MN350-NCP
MN350-ARC
MN450-NCP
MN450-ARC
MN550-NCP
MN550-ARC
MN550-XCOM
MN650-NCP
MN650-ARC
MN650-XCOM
MN50-LCD
MN50-LCDP
MN50-TS-NCP
MN50-TS-ARC
MN50-TSP-NCP
MN50-TSP-ARC
MN50-MI-NCP
MN50-MI-ARC
MN50-MI-RTR

OTHER MICRONET & SNP PRODUCTS
MNN-30-100
MNN-44-100
MNN-50-100
MNN-62-100
MNN-LCD-100
MNN-LCDP-100
MNN-TS-100
MNN-TSP-100
MNN-MI-100
MNA-R10
MNL-TSP-100
IAC400
IAC420
IAC600
IAC TOUCH SCREEN
MIU IV
UNIFACT
UNIFACT PRO
MMC 3601
MMC 4601

SDS-XENTA555-A4
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