

Add mobile freedom to your Xenta controller – Configuration and setup

SysManSMS Server

with

TAC Xenta-731



High quality mobile notification solution:

- Secure internet-free delivery with direct GSM network connection
- Easy integration via SysManSMS Server secure mail functions
- User management via powerful Number Files and schedules
- Text Filters to limit, convert or priorities sending of messages
- Full message delivery control with auto re-route if problems

Xenta mobile notification overview

Alarm notification from Xenta-731 and other, can be setup to forward alerts to a mail address. If the receiving SMTP mail service is a SysManSMS Server, you will be able to forward those alarm to texts mobile phones, using the secure GSM/SMS protocol.

The SysManSMS Server can be located either on the same LAN as the Xenta, or on the Internet. The Xenta sends alert mails to SysManSMS Server using Number File (Receiver Groups) as address. By use of group addressing, you may send different alert types to different user groups, and you may also serve many Xenta's with only one SysManSMS Server. Security settings on the SysManSMS Server can make sure only selected Xenta's has access.

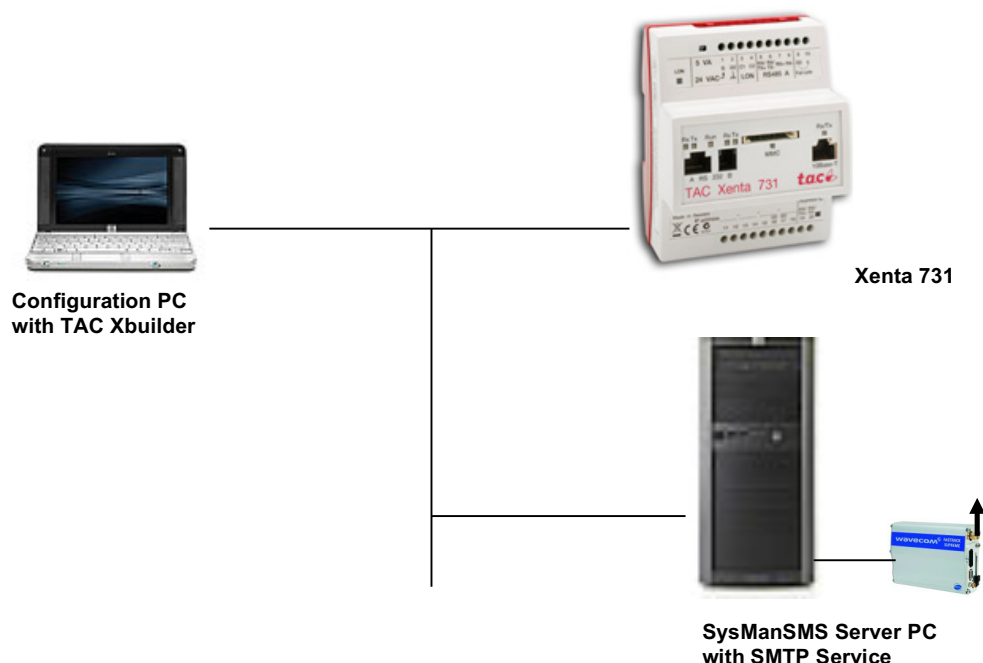
The SysManSMS Server's SMTP service, has support for a lot of advanced functions like User Group Management and deliver schedule schemes - Check for delivery status and re-route if deliver problems – Different message types like the instant "Flash" SMS's or WakeupCalls.

You may also create a software alarm object in the Xenta to periodical send mail to a SysManSMS Server. This mail can reset a Wathdog alarm, and if a mail is missing (Xenta dead) the SysManSMS Server may send SMS alerts. For more information about such advanced usage – please contact SysMan via www.sysman.no

Configuration components

To configure the Xenta to send its alarms to mobiles, you will need the following components connected via the network:

- Configuration PC with TAC Xbuilder
- TAC Xenta-731 controller
- SysManSMS Server configured with SMTP Service enabled



Configure SysManSMS Server

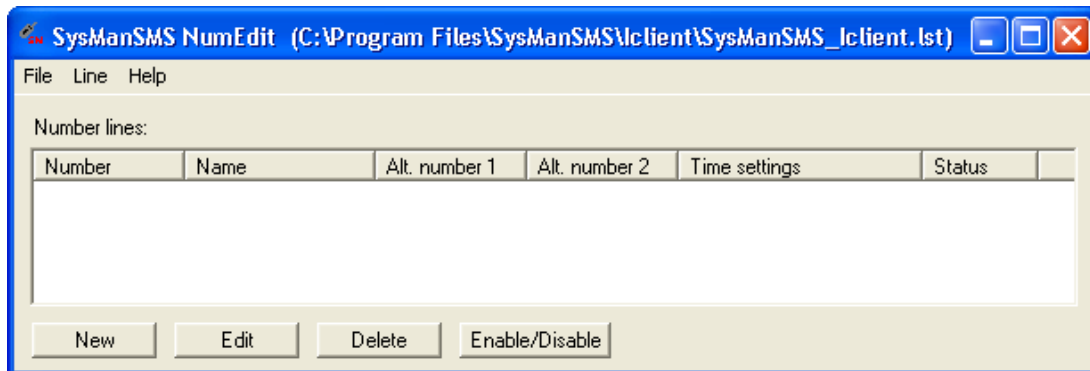
On the SysManSMS Server you will need to perform two tasks.
First of all, you must create a Number File to hold mobile numbers for your SMS alert receivers.

Next you must enable the SysManSMS SMTP Service, so that mails from Xenta can be received and converted to mobile SMS messages.

Create a SysManSMS Number File

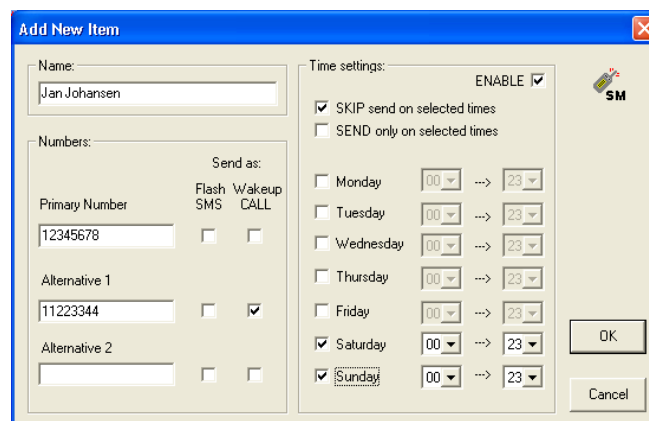
Create one or more SysManSMS Number Files to hold groups of users to receive Xenta alarms.
Your Number File will match Receiver Group names from Xenta

Start the SysManSMS_NumEdit from Desktop Menu or direct from Utilities folder



This is the main window of the SysManSMS_NumEdit – Hit the New button

Create an entry for each mobile

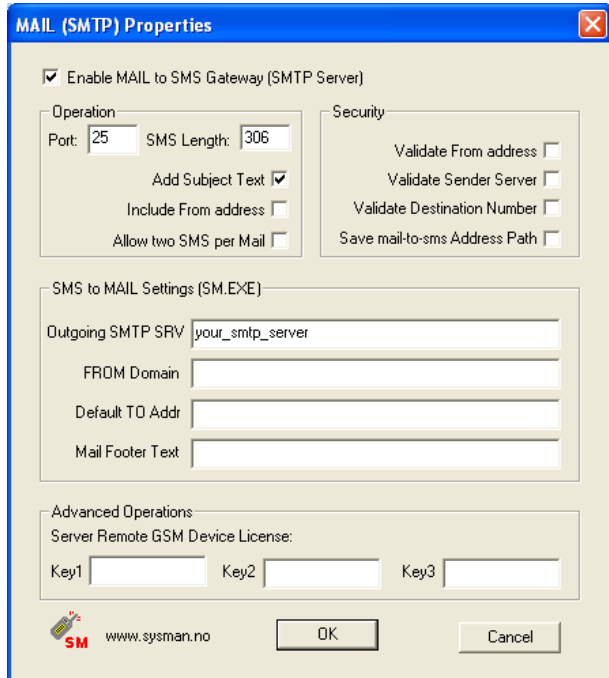


This is the EDIT window for creating/editing a number line. Insert a name and mobile number – Hit OK

Save the file into the Iclients folder, with the name XentaAlarms.lst

Enable SysManSMTP Service

By default the SysManSMS Server does not have the SMTP Service enabled.
To enable the service, use the *Server Settings* and *Configure Settings* status bar menu entry.
From the main configuration window, select MAIL (SMTP) settings.



The dialog box is titled "MAIL (SMTP) Properties". It contains several sections:

- Enable MAIL to SMS Gateway (SMTP Server):** A checked checkbox.
- Operation:**
 - Port: 25
 - SMS Length: 306
 - Add Subject Text: ☒
 - Include From address: ☐
 - Allow two SMS per Mail: ☐
- Security:**
 - Validate From address: ☐
 - Validate Sender Server: ☐
 - Validate Destination Number: ☐
 - Save mail-to-sms Address Path: ☐
- SMS to MAIL Settings (SM.EXE):**
 - Outgoing SMTP SRV: your_smtp_server
 - FROM Domain:
 - Default TO Addr:
 - Mail Footer Text:
- Advanced Operations:**
 - Server Remote GSM Device License:
 - Key1:
 - Key2:
 - Key3:

At the bottom, there is a SysMan logo, the website www.sysman.no, and OK and Cancel buttons.

To change SMTP (Mail) settings, open SysManSMS desktop menu and select "Server Settings" and "Configure Settings". Alternatively run SETUP from CD

Enable MAIL to SMS Gateway Gateway This will tell SysManSMS Server to start the SMTP Service

Port Number

This is the smtp listening port. Default is 25

SMS Length

This will specify the maximum length of one mail-sms message

Add Subject Text

Subject text from the mail will start the SMS text

Include From address

The mail sender's address will be added to end of SMS text

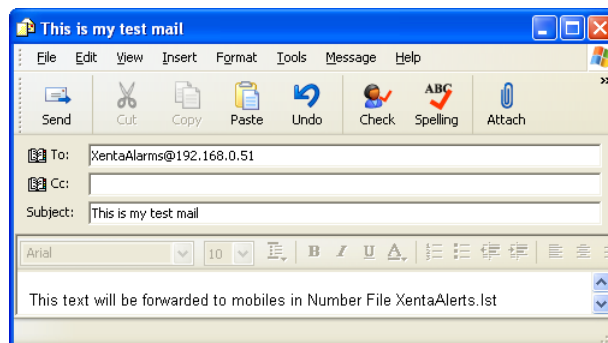
Allow two SMS per Mail

If text greater than maximum, this will allow split into 2 SMS's

Now hit OK and from the main configuration window, hit CONTINUE to restart SysManSMS Server.

Test SysManSMTP Service

To check out MAIL to SMS functionality, you may send a mail from Microsoft Outlook Express:

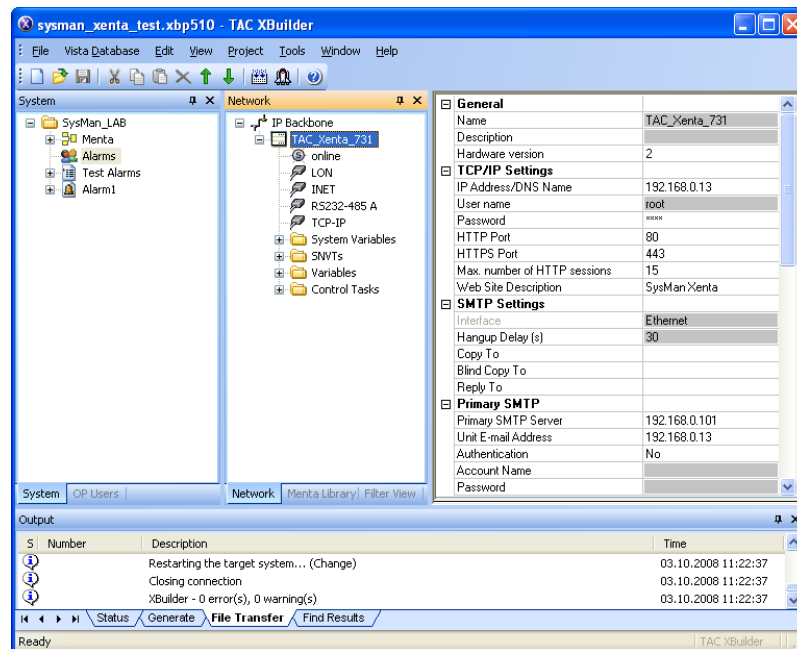


The screenshot shows the Microsoft Outlook Express window titled "This is my test mail". The menu bar includes File, Edit, View, Insert, Format, Tools, Message, and Help. The toolbar contains buttons for Send, Cut, Copy, Paste, Undo, Check, Spelling, and Attach. The email fields are:

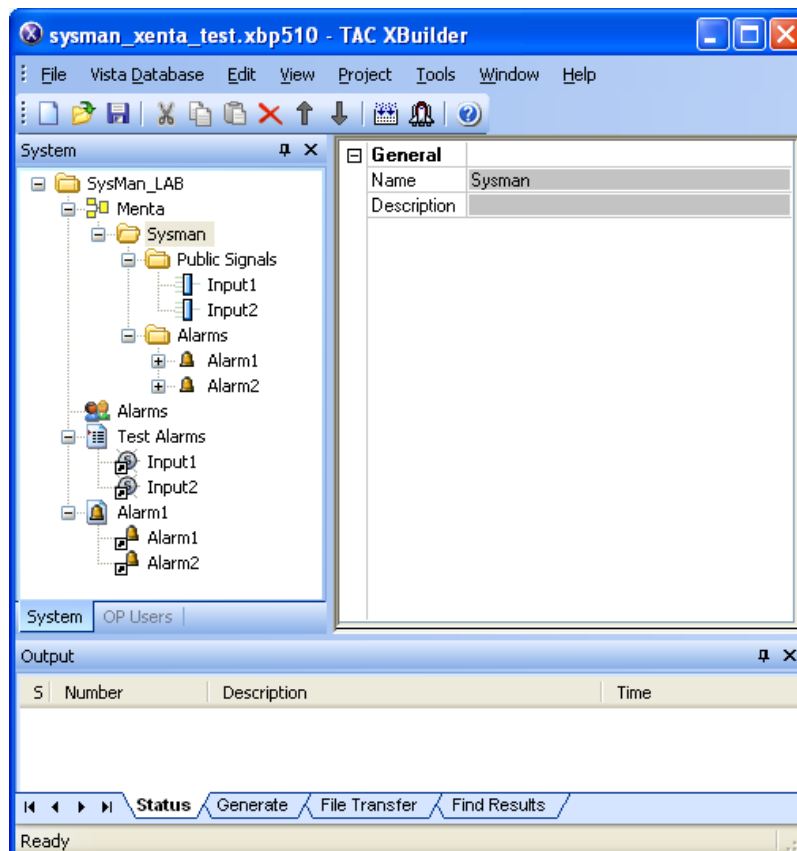
- To: XentaAlarms@192.168.0.51
- Cc:
- Subject: This is my test mail

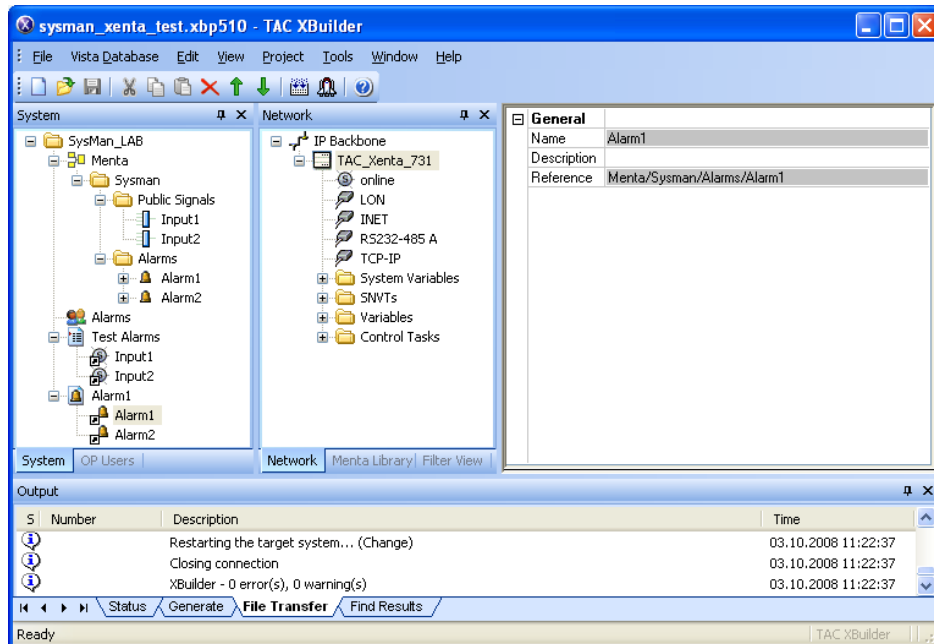
The text area shows the email body: "This text will be forwarded to mobiles in Number File XentaAlerts.lst".

Configure Xenta-731 from TAC Xbuilder

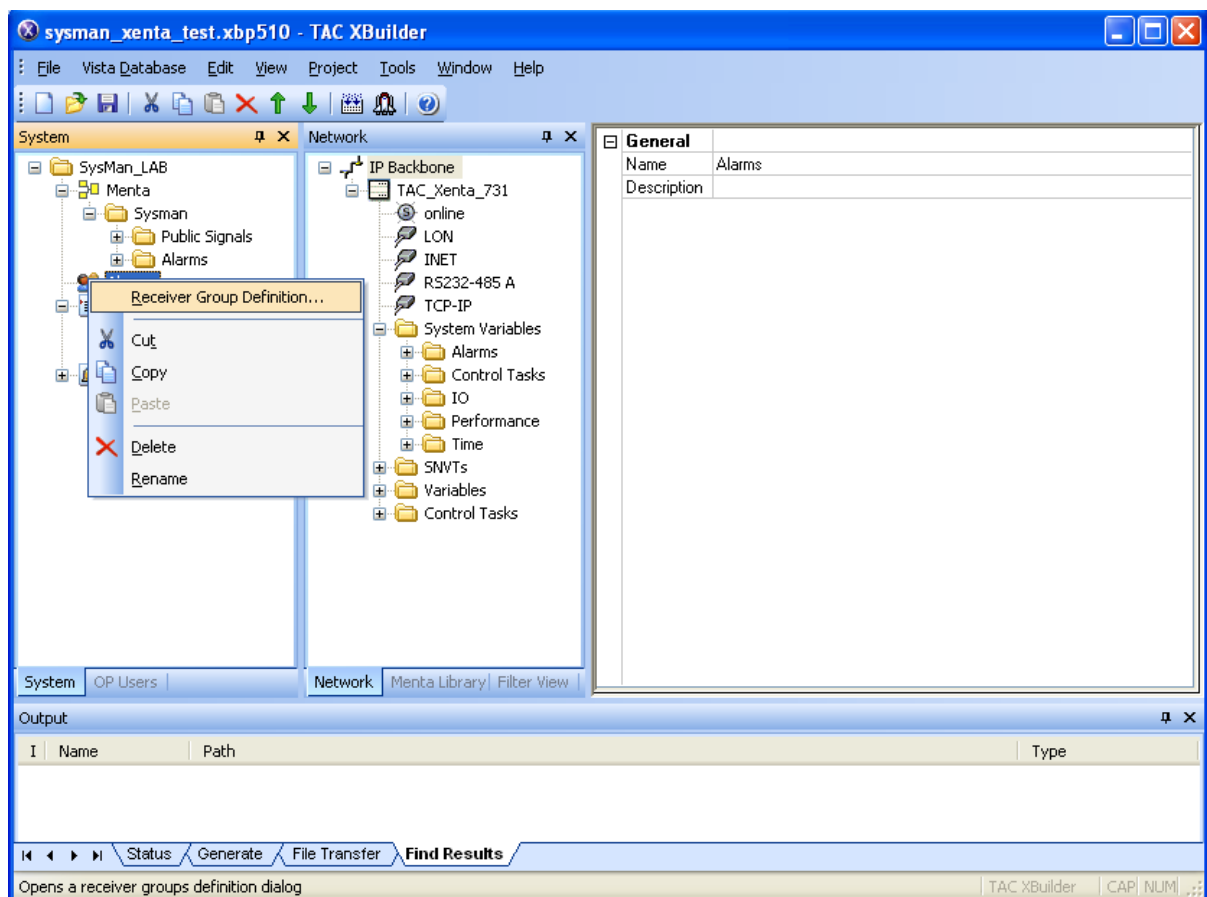


Define your Xenta IP and SMTP settings

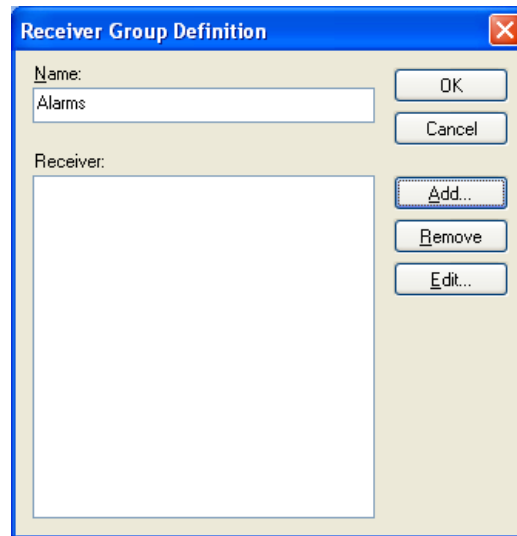




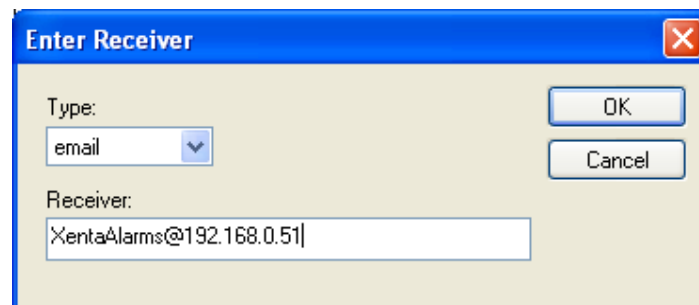
Define the alarm receiver



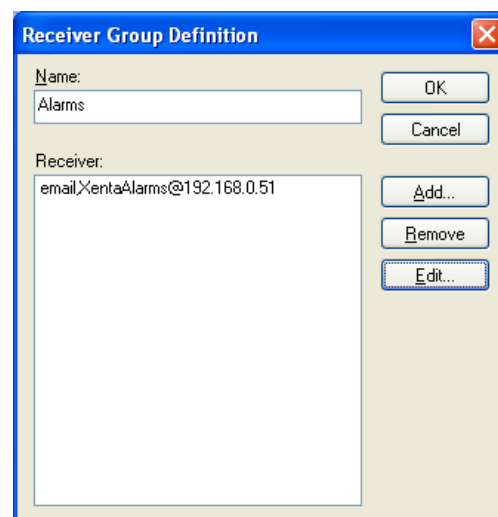
Open the receiver group definition



Add a reciever



The type can be either Email or SMS - The difference is only the text message

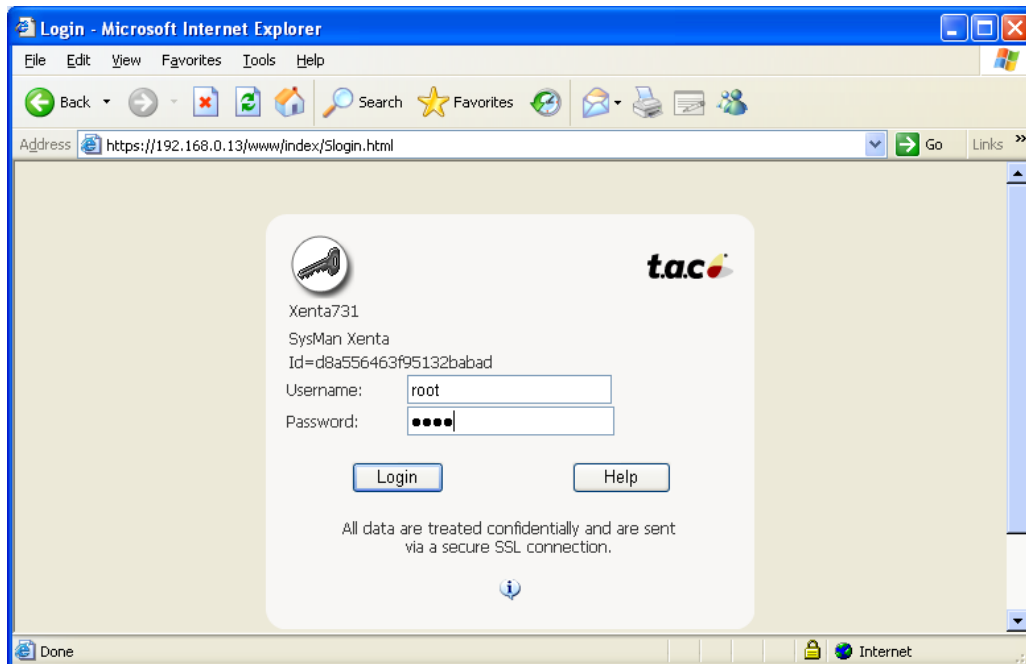


Enter the email address that you have created in the SysMan Server

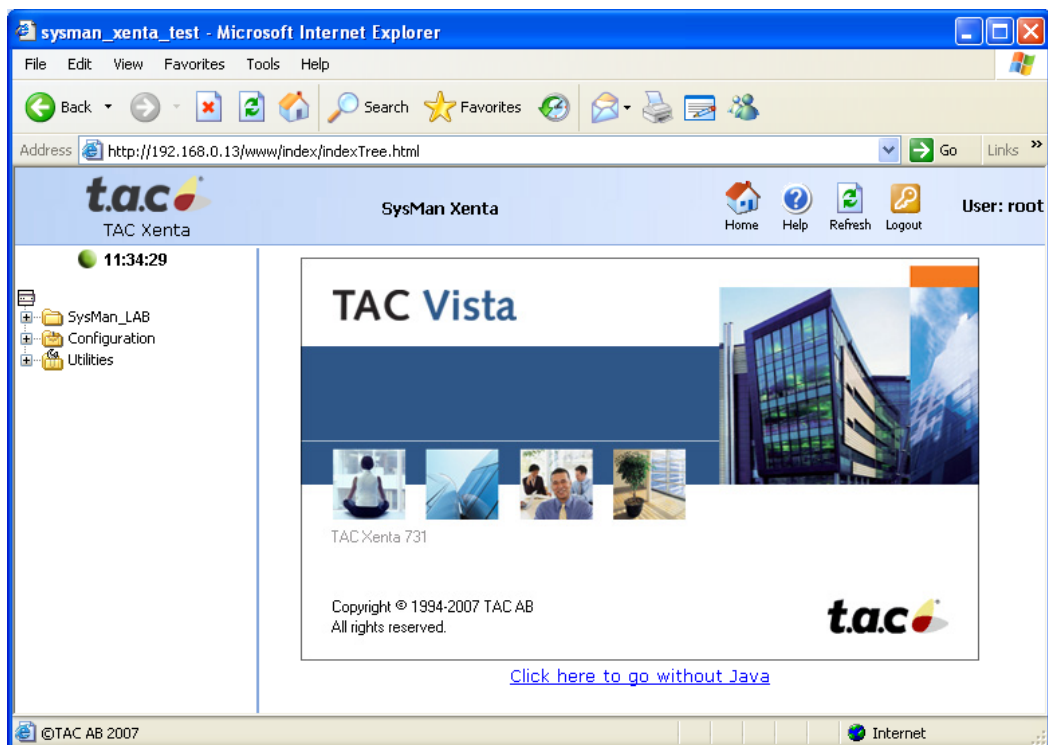
Make download and connect to Xenta from your browser

Check out alert from Xenta-731

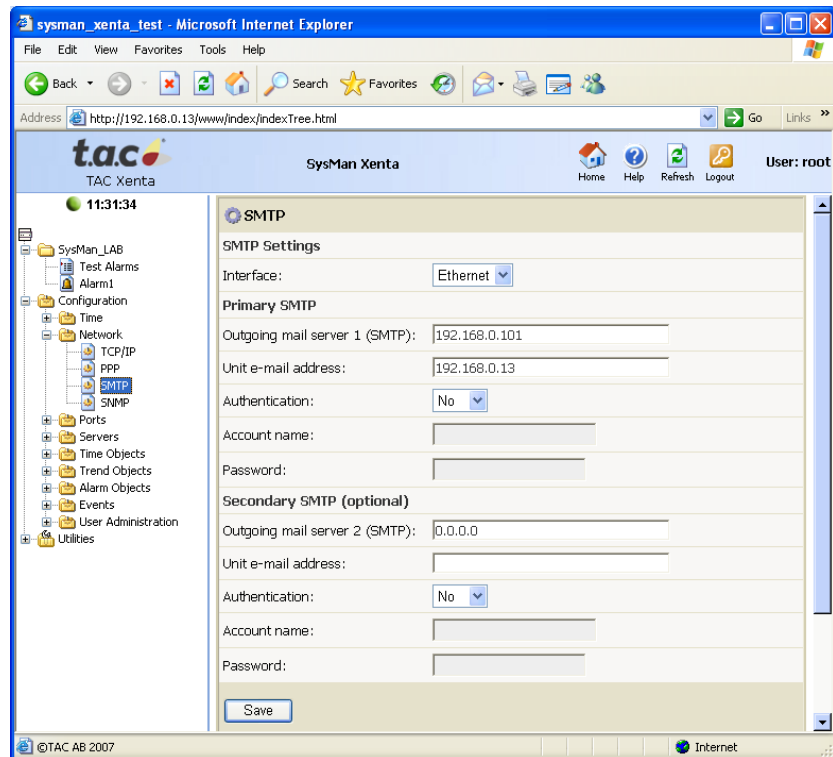
Now connect to the Xenta-731 using a browser



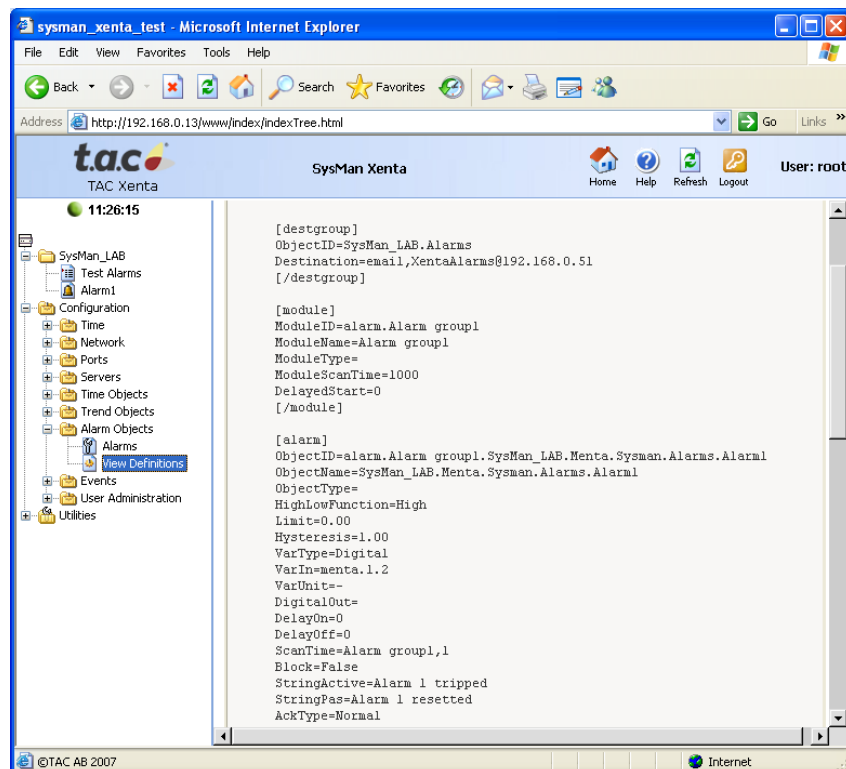
Login with Username and Password



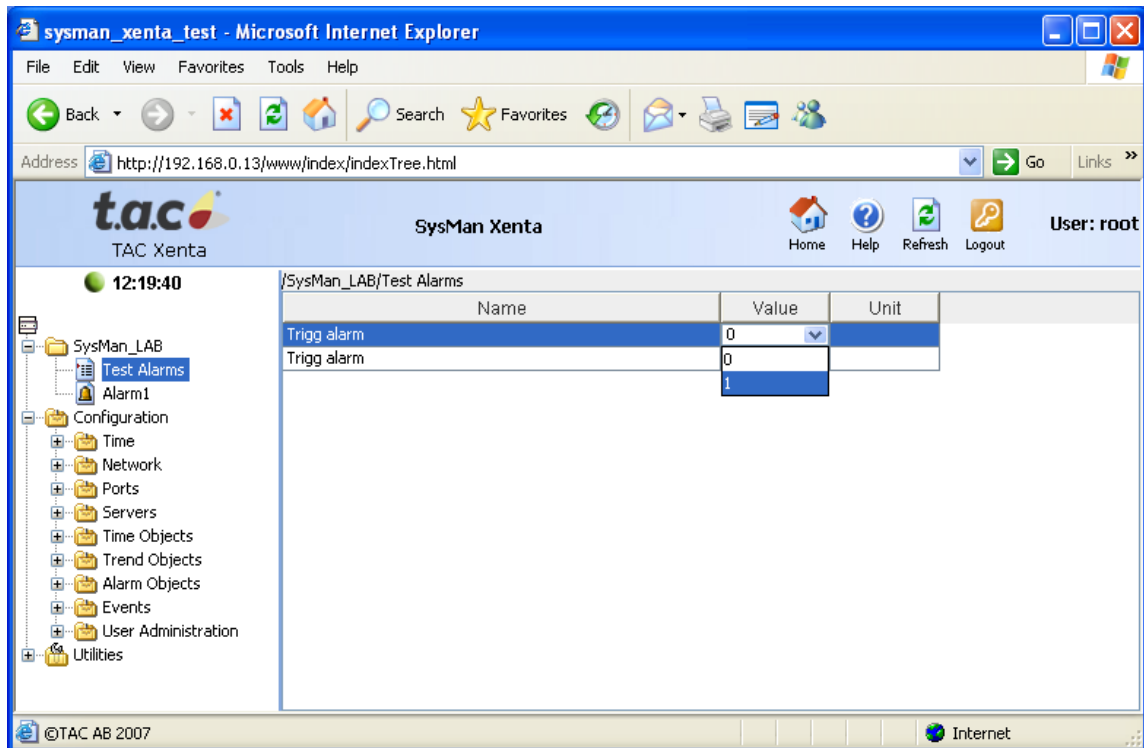
View our sample project



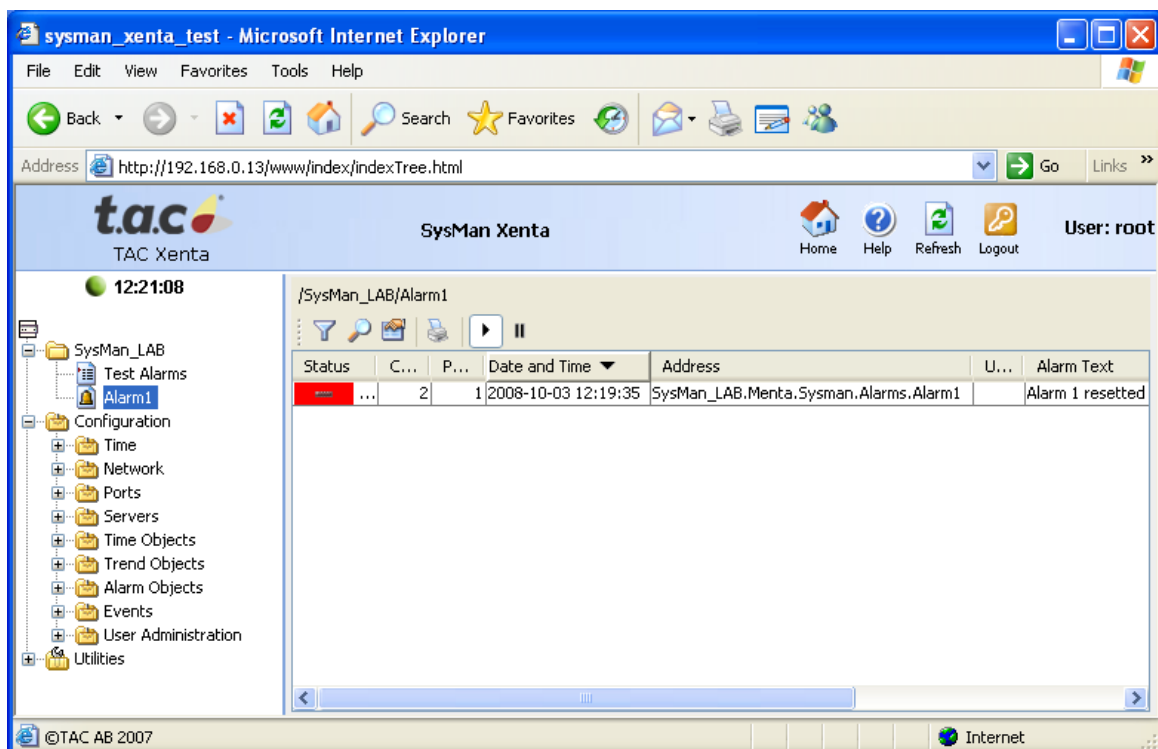
Check your network mail SMTP settings



Check your SMTP and MAIL notification settings from definitions window



Trig our sample alarm



Now check mobiles !

All active numbers in the SysManSMS XentaAlarms.lst Number File should receive the alert.