

SmartNotification 1.1

Release Description

Build 1.1.7

SN11REL, Rev. 4 , 2004-06-06

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1. Introduction

This document contains information about the current version of the SmartTranslator™ program. It describes the changes since the previous version, capacity and performance guidelines, restrictions and other last minute notes, which are applicable for this version.

1.1 Related documentation

The following table lists all documents related to the SmartTranslator product.

	Description
SmartNotification Release Description	This document.
SmartClient Release Description	Release Description for the SmartClient program.
SmartLogger Release Description	Release Description for the SmartLogger package.
SmartClient User's Guide	User's Guide for the SmartClient program.
SmartBuilder User's Guide	User's Guide for the SmartBuilder program.
SmartGuard User's Guide	User's Guide for the SmartGuard package.
SmartLogger User's Guide	User's Guide for the SmartLogger package.
SmartStatus User's Guide	User's Guide for the SmartStatus package.
SmartTranslator User's Guide	User's Guide for the SmartTranslator package.
SmartNotification User's Guide	User's Guide for the SmartNotification package.

1.2 Release history

The following table lists the milestones in the development of the SmartTranslator application:

Version	Date	Description
1.0	2003-05-01	First release for pilot installation
1.0 P1	2003-06-11	Final release with patch #1
1.0 P2	2003-10-01	Patch #2
1.1	2004-03-07	Release 1.1
1.1 PA	2004-03-28	Patch A
1.1 PB	2004-06-07	Patch B

Build versions:

Application	1.0	1.0 P2	1.1	1.1 PA	1.1 PB
SmartNotification	1.0.5	1.0.7	1.1.5	1.1.6	1.1.7

2. Product Overview

2.1 Product overview

The SmartLogger product suite consists of the following programs:

SmartLogger™: Main program that handles the basic event logging and data handling for up to 4 serial or TCP/IP ports concurrently.

SmartClient™: Client application used for viewing and analysing log tables generated by the SmartLogger/SmartTranslator.

SmartBuilder™: Program used for building and maintaining the templates used by SmartLogger/SmartTranslator.

SmartSim™: Event simulator that can be used for test and demonstration purposes by sending events via a serial or TCP/IP connection. The simulator is freeware.

SmartTranslator™: Program for translating plain text files into SmartLogger database tables.

SmartStatus™: Program for remote supervision/control of the SmartLogger/SmartTranslator programs.

SmartGuard™: NT Service application for supervising and automatically starting/re-starting SmartLogger/SmartTranslator as "background" tasks.

SmartNotification™: Stand-alone notification server that can be used to send mails, SMS or trigger EXE files.

The listed programs are bundled in the following packages:

- **SmartClient package.** Contains a stand-alone SmartClient.
- **SmartLogger package.** Contains SmartLogger, SmartClient, SmartBuilder and SmartSim.
- **SmartTranslator package.** Contains SmartTranslator, SmartBuilder, SmartStatus and SmartGuard.
- **SmartStatus package.** Contains a stand-alone SmartStatus.
- **SmartGuard package.** Contains a SmartGuard Service program and the SmartGuard Setup program for off-line configuration.
- **SmartNotification package.** Contains a stand-alone SmartNotification.

2.2 Functionality overview

SmartNotification

- Mail notifications via mail (SMTP) server.
- SMS notifications via GSM modem.
- EXE notifications
- Hardwired notifications. **NEW V1.1**
- Print Server simulation for easy trigger of notifications from remote applications.
- System message log.
- Utility Server for remote status.
- Support for I/O data sources.
- Support for SmartLogger data sources.
- Support for redundant modem configurations.
- Windows Address Book interface for maintenance of users and groups.
- Supervision objects for event/alarm rate supervision **NEW V1.1**

3. Changes in SmartNotification

3.1 Release 1.1 (Build 1.1.5)

New functions

Notification

- Support for hardwired notifications added.

Supervision objects

- Data sources can now be supervised regarding event or alarm rates. If a specific event or alarm occurs more often than allowed, then a notification can be triggered.

Improvements

General layout

- Toolbar added.
- Menu improved and icons added.
- Application changed to "Multi Document Interface" style
- Improved messages in Status Bar.

Grids

- All grids have got increased functionality, like quick search, groping mode, export to Excel etc.
- Colour support added.

Tree views (on the left panel)

- Layout and behaviour of Notification tree view and Data sources tree view have been unified.
- Data sources tree view has been redesigned.
- SmartLogger connections can now be renamed after creation.

Data source browser

- The available data sources are now shown in a tree view with status information.

Modem

- Support for pin code activation added.

Corrected errors

Data source lists

- If a new SmartLogger data source was added on the SmartLogger side, this new data source was not shown in the tree view until the application was restarted

3.2 Patch A (Build 1.1.6)

New functions

None

Improvements

Simulation panel

- Layout changed to a data source browser.
- Only data sources in use can be simulated.
- Alarm rate supervision alarms can be simulated.

Grids

- All grids now have quick sort enabled as default.

Options

- Default SMTP server address now has a proper format.

Supervision objects

- Supervision data are now stored in the SmartNotification subdirectory “\SupervisionData” instead of “\TraceLogs”.

Corrected errors**Supervision objects**

- If an empty record was added to the statistics then the supervision data could be loaded after a restart causing the supervision module stop functioning.
- If a supervision object for some reason could not load the supervision data, a warning was reported in the system messages log, but the status icon showed green (Ok).

Data source browser

- “Data source info” text was not updated when changing data source in the tree view.
- Hint text on Ok button was erroneous.

3.3 Patch B (Build 1.1.7)**New functions**

None

Improvements**Supervision objects**

- A “Suspend time” parameter has been added. This parameter makes it possible to suspend an alert for up to 12 hours, after an event has caused an event rate alert.

Grids

- CTRL+A now selects all records in a grid.

Corrected errors**Supervision objects**

- Supervision periods set to “01:00:00” did not work properly.
- Event rate alerts did sometime show empty (“”) references in notifications.

Statistic views

- The grid export feature did not work properly for statistics views. The Save As dialog was never shown.

4. Recommendations and Restrictions

4.1 SMS notifications

When sending SMS notifications it is recommended that the same GSM operator be used for both the GSM modem and the receiving mobile phones.

5. Known problems

5.1 SmartNotification does not respond to Windows Shutdown

If SmartNotification is minimized, and at least one grid is visible, then SmartNotification does not close automatically when a Windows Restart/Shutdown is requested.

5.2 Mail groups not supported

Although it is possible to create mailing groups via the Windows Address Book interface, SmartNotification does not support mail groups in the current version.