SmartStatus 2.3
Release Description
Build 2.3.8

Contents:

1. Introduction

This document contains information about the current version of the SmartStatus™ 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 SmartLogger™ product.

Title	Description
SmartStatus Release Description	This document.
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.
SmartNotification User's Guide	User's Guide for the SmartNotification package.
SmartStatus User's Guide	User's Guide for the SmartStatus package.
SmartTranslator User's Guide	User's Guide for the SmartTranslator package.

1.2 Release history

The following table lists the milestones in the development of the SmartStatus™ product

Version	Build	Date	Description
1.0	1.0.3	2000-09-24	Final release 1.0.
1.0/1		2000-11-23	Update to build 1.0.4
1.0/2		2001-01-22	Update to build 1.0.5
2.0	2.0.2	2003-03-08	Final release 2.0
2.1	2.1.3	2003-09-04	Final release 2.1
2.1 Patch A		2004-05-10	Patch A
2.2	2.2.0	2004-10-01	Final release 2.2
2.3	2.3.1	2006-02-17	Final release 2.3
2.3 Patch A	2.3.3	2007-11-28	Patch A
2.3 Patch B	2.3.5	2008-12-28	Patch B
2.3 Patch C	2.3.6	2010-08-29	Patch C
2.3 Patch D	2.3.8	2014-02-11	Patch D

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, TCP/IP, Telnet or LPD 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, TCP/IP or LPD connection. The simulator is freeware.

SmartNotification™: Application for generating mail/SMS/EXE notifications. Can be used in connection with many different kind of data sources.

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

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

2.2 Functionality overview

General
- Up to 50 simultaneous TCP/IP socket connections against remote SmartLogger, SmartTranslator, SmartNotification or SmartOPC applications.
- Configurable nodelists containing different sets of nodes. **NEW V2.3**
- Nodelist overview showing details from all nodes in overview. **NEW V2.3**
- View system messages for SmartLogger, SmartTranslator, SmartNotification and SmartOPC.
- View misc. system information about the remote server (OS, RAM, version etc.).
- Standard MDI environment with recent session list, active window list and window arrangement modes.

SmartLogger connection
- Supervision of all ports and modules.
- Remote control of: Start/Stop ports, statistics reset and acknowledge of warnings.
- Subscribe to specific SmartLogger events.
- View SmartLogger notification messages.

SmartTranslator connection
- Supervision of translation status/mode and pending translation list.
- Remote control of: Manual start/stop of translation.
- View statistics log.

SmartNotification connection
- Supervision of all SmartNotification modules.
- View input/output message log.
- View supervision alarm history.

SmartOPC connection

- Supervision of connection between OPC server and SmartLogger application.
- View buffered OPC events
- Subscribe to OPC events. **NEW V2.3**

3. Changes in SmartStatus 2.x

3.1 SmartStatus 2.3 patch D (Build 2.3.8)

<u>Improvements</u>

Trigger Problem Report
- SmartLogger Problem Reports can now be triggered from SmartStatus.

3.2 SmartStatus 2.3 patch C (Build 2.3.6)

<u>Improvements</u>

Node status
- "Alerts" from Smart* applications are now supported.

Trace messages
- TCP/IP communication messages improved.

3.3 SmartStatus 2.3 patch B (Build 2.3.5)

<u>New features</u>

Tools
- "Acknowledge all" option added to the Tools menu. If selected, an "Acknowledge Warnings" command is sent to all nodes in the node list.

<u>Improvements</u>

Node list overview
- Column showing memory load in % is added.
- Separate view for Translator nodes added. This view show, among other things, the current number of "bad files" in the remote system.

SmartTranslator nodes
- Support for "Bad files" statistics added.

3.4 SmartStatus 2.3 patch A (Build 2.3.3)

<u>New functions</u>

Nodelist overview
- New feature for showing all nodes and details in overview. This can be used to get a quick overview of the build versions for the remote applications. Preferred build versions can be specified in "Tools | Options" and versions different from preferred will be highlighted.

<u>Improvements</u>

Data source browser
- Filter box added.
- Only data sources related to the selected SmartLogger port are shown by default.

Corrected errors

Subscription
- Subscription towards a stopped SmartLogger port would cause an unhandled exception / message box and later on give an Access Violation when closing the subscription window.

3.5 SmartStatus 2.3 (Build 2.3.1)

New functions

Nodelists
- It is now possible to configure multiple "nodelists" containing different sets of nodes. As part of this new feature the term "session" has been changed to "node".

Improvements

SmartOPC
- It is possible to subscribe to OPC events.

Maximum number of nodes (sessions)
- The maximum number of nodes per nodelist has been increased from 30 to 50.

Node names
- Node names can now contain spaces.

Corrected errors

Modify node/session
- Sometimes when modifying a node an error stating that the node already existed would be shown.

Data from remote servers
- Sometimes remote servers sent empty strings for integer field values. That caused an error in SmartStatus. These "empty" values are now converted to a NULL value in the table grids.

Discontinued functions

Configure sessions
- This function is obsolete due to the possibility to create multiple nodelists.

3.6 SmartStatus 2.2 (Build 2.2.0)

New functions

SmartOPC
- Support for this new Smart* application.

Improvements

Add session
- Option for using the default socket port.

Corrected errors

SmartLogger
-   Unable to subscribe to events from the latest SmartLogger version (3.3 patch D).

3.7 SmartStatus 2.1 Patch A (Build 2.1.6)

New functions

None

Improvements

General
-   When trying to start a second instance of the application a warning is no longer displayed. Instead the already running application is activated.

SmartTranslator access
-   The list of pending files is now shown exactly as in the SmartTranslator application.
-   Added option to translate a single file or a folder.
-   A translation can now be stopped from SmartStatus, if the SmartTranslator allows this action.

Corrected errors

None

3.8 SmartStatus 2.1 (Build 2.1.3)

New functions

SmartNotification
-   Support for the SmartNotification application.

Improvements

SmartTranslator
-   Support for the viewing the statistics log.

Corrected errors

Data grid
-   In the grid view for messages and subscriptions, the connect status was not always shown correctly.
-   When fetching messages from the server, it is no longer possible to request more messages than the server has allowed.

Sessions
-   When a remote server connected or disconnected to a non-selected session, the menu/toolbar was not updated with the correct status/buttons

Subscriptions
-   Certain subscriptions could cause a fatal error in SmartStatus, resulting in unpredictable results.

3.9 SmartStatus 2.0 (Build 2.0.2)

New functions

Layout
- Complete redesign of layout and presentation of sessions.
- All sessions are now shown in a tree view that can be expanded or collapsed. This makes it easy to see the status for all sessions at the same time.
- More tool buttons added.

Grid functionality
- All events and messages received can be:
  - Copied to clipboard
  - Exported to different file formats (Text/Excel/HTML/XML).
  - Printed using an advanced printing system
  - Grouped for better overview

Notification Messages
- It is possible to see the SmartLogger notification messages (requires SmartLogger version 3.3 SR-2 with the Notification Module add-on enabled).

Server information
- Information about the remote server is shown (operating system, installed memory, application start time etc.). Requires SmartLogger 3.3 SR-2 or SmartTranslator 2.2.

Subscription
- It is possible to subscribe to events from a SmartLogger (requires SmartLogger version 3.3 SR-2).

Improvements

Sessions
- The maximum number of simultaneous sessions has been increased from 15 to 20.
- Communication trace messages have been made more descriptive.
- Communication messages can be copied to the clipboard and the message window can be cleared.

Corrected errors

None.