

SENTINEL™ Print Pack S/5 with LABELVIEW™ Version 5.01

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PRODUCT RELEASE NOTES



SENTINEL™ Print Pack S/5

SENTINEL Print Pack S/5 is a data capture and distributive printing middleware solution used to automate the printing of labels created with LABELVIEW label design software. Version 5.01 delivers new features and corrections that have been made since the release of SENTINEL Print Pack S/5 version 4.11.

New Features

- This version uses the LABELVIEW 8.01 print engine.
- The SENTINEL product range now includes two editions :
 - SENTINEL Print Pack S/5
 - SENTINEL Data Exchange S/5

New Features in SENTINEL Print Pack S/5

- Web Manager:
 - This new tool allows administration and control over your SENTINEL servers from virtually any web browser. The server-side component must be installed on a Windows PC that runs Microsoft Internet Information Server (IIS). This PC can be separate from your SENTINEL server. The Web Manager application can then administrate a pool of SENTINEL servers.
 - From any PC, regardless of OS, the Web Manager client is able to:
 - Create/Delete sentinels
 - Configure sentinels
 - Start/Stop sentinels
 - Control the status of sentinels
- IDEAM Plug-in:
 - This new input plug-in allows you to connect the TEKLYNX IDEAM Data Collection Server to the SENTINEL Server. Working as a real bridge between the data collection network and the label printing network, the plug-in enables the SENTINEL Server to process data collected from portable devices. For example you could print bar code labels using the collected data, perform transactions with a database (update, delete, call a stored procedure), or call a web service function.
- Mapper:
 - The Mapper now has native support for XML data files. This new feature widely extends the integration capabilities of the SENTINEL server in an existing environment since XML is a

common format for exchanging information between applications. When you select this type of structure in the Mapper, the display mode of the working file changes to a tree view. This view is a more accurate depiction of the hierarchical structure of XML files, helping file analysis and thereby simplifying the Mapping activity.

- E-mail plug-in:
 - The E-mail plug-in has been extended so you can now define an e-mail address for the sender as well as its user account and password on the e-mail server. This allows the E-mail plug-in to communicate with e-mail servers that require authentication. It also helps detect communication issues between the e-mail server and the recipient as the sender can receive delivery reports. The E-mail plug-in supports these protocols:
 - PLAIN: user and password are sent as plain text
 - LOGIN: Base 64 encryption mechanism
 - CRAM – MD5: standard encryption mechanism

New Features in SENTINEL Data Exchange S/5

- The SENTINEL S/5 Data Exchange edition adds new input and process plug-ins aimed at connecting the bar code identification system to ERP/WMS system.
 - Web Server plug-in
 - This new input plug-in collects data in a web form provided by a Web Application and can process the data using any SENTINEL process plug-in. Data received can be used to update a database, call a web service over an intranet or print labels. This plug-in can also receive data from any Microsoft .NET™ or J2EE application since it is accessible as a web service.
 - Database plug-in
 - This process plug-in allows you to process data received by any input plug-in in order to update, insert or delete records in one or multiple databases, and/or call stored procedures defined in a database.
 - Web Service Client plug-in
 - This process plug-in enables a sentinel to call one or more web service functions providing filtered data received by an input plug-in as parameter. This in turn makes it possible to perform any operation on an ERP/WMS system available as a web service.

Installation & Upgrade Information

- The Microsoft Data Access Component version 2.8 is required on your system in order for SENTINEL S/5 to work. In order to install version 2.8 you need to have version 2.5 of the MDAC installed on your system. The English version of those two components is provided on the SENTINEL CD. If you prefer to install the MDAC component in your local language you need to install these components first through Windows Update.
- You also need to install Microsoft .Net Framework version 1.1. Again, the English version of this component can be found on your install CD. If you prefer to install the .Net Framework in your local language you can do so through Windows Update.
- As of this version, to simplify product upgrades, the LABELVIEW print engine is no longer installed with the product. As a consequence, if you wish to use the label printing feature of the product, you will have to install LABELVIEW separately.
- In order to upgrade an older Sentinel Print Pack installation, please follow this procedure:
 1. If you have a Sentinel S/4 version 4.1 installed, first do a backup of the sentinel.xml file that is located in the Sentinel directory. An issue was found in this version so that this configuration file was removed when the application was uninstalled.
 2. Uninstall your old version of Sentinel Print Pack.
 3. Install the Sentinel S/5 version.
 4. Install LABELVIEW 8.01.
 5. Copy either the sentinel.ini or sentinel.xml file of the previous installation into the new Sentinel directory.
 6. Copy all the xml files located in the **<plug-ins>** subdirectory of the previous installation (only concerns S/4 versions) into the **<plug-ins>** subdirectory of Sentinel S/5.
 7. Copy the old label.ini file of the LABELVIEW print engine (located in a subdirectory of the old Sentinel install) into the subdirectory of LABELVIEW 8.01.

Known Issues

- At this time, 2D bar code support is limited to PDF 417 and MaxiCode.
- If a label created in the LABELVIEW software contains paragraph fields with a When Printed data source, those fields will not appear when attempting to view a preview of the label from within the Mapper (note that although these fields do not appear in the Mapper preview, they do print correctly).
- When trying to install printer drivers on Windows Server 2003, the following error appears: "Error Code = 1930. The printer driver is not compatible with a policy enabled on your computer that blocks NT 4.0 drivers."

To correct this issue:

1. In Windows, click Start, click Run, and then type gpedit.msc and press ENTER. The Group Policy dialog box appears.
2. Browse to the Computer Configuration\Administrative Templates\Printers folder.
3. Right-click on the "Disallow installation of printers using kernel-mode drivers" setting, and then click Properties.
4. On the Setting tab, click Disable, and then click OK.

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This release notes document is for informational purposes only. Product specifications are likely to change.