RELEASE NOTES – LABEL ARCHIVE v3.10.00
October 5 2010

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Important Notice

Software Protection Mode and Data Execution Prevention

The LABEL ARCHIVE Server software protection mode requires the following configuration before it can be run on systems supporting Windows Data Execution Prevention (DEP) mechanisms.

All of the following executable files must be added to the DEP list of exceptions.

Configuration Details

- In the Start menu, right-click **My Computer** and select **Properties**.
- Click the **Advanced** tab, or on Windows 2008, the **Advanced System Settings** task.
- In the System Properties window, click the **Settings** button in the Performance section.
- In the Performance Option window, click the Data Execution Prevention tab.
- Click **Add** to add the following executable files to the list of exceptions:
    - <Program files>\<teklynx>\Label Archive Server\Activation.exe
    - <Program files>\<teklynx>\Label Archive Server\LA2_prv_setup.exe
    - <Program files>\<teklynx>\Label Archive Server\LA2_SUpgrade.exe
    - <Program files>\<teklynx>\Label Archive Server\TkxCnxLAS.exe

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System Requirements

Windows XP SP3 x32/x64
Windows Vista SP2 x32/x64
Windows 7 x32/x64
Windows Server 2003 x32
Windows Server 2008 x32
Windows Server 2008 R2 x64

.NET Framework 2.0

Installation requires administrators privileges.

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New Features & Enhancements

3.10.00

- Users can import a group of existing CODESOFT label templates into the LABEL ARCHIVE database. Server and Client snap-ins use this feature on the Category screen.
- A new setting allows users to configure LABEL ARCHIVE to only print the most recently approved version of a label. This feature can be controlled through the UMSS snap-in.
- An external application can now query label variable data from printed labels.

3.00.00

- LABEL ARCHIVE 3.0 includes an enhanced reporting tool which allows all kinds of data and history reporting for a given label. This reinforces the compliance of the software with the different guidelines and requirements relative to electronic traceability, such as 21 CFR Part 11 of the US FDA.
- LABEL ARCHIVE 3.0 handles Microsofts Active Directory users. Active Directory is a Microsoft centralized and standardized system that automates network management of user data. It is now possible in UMSS to import entire lists of users from a given Active Directory instance with only one click. Thus UMSS can contain users of UMSS native type, i.e created manually like in previous LABEL ARCHIVE versions, and users of Windows type, which are directly imported from Active Directory. Upcoming versions of TEKLYNX labelling software will include enhanced mechanisms to handle connection through Windows users.
- Windows 7 has been added to the list of supported Operating Systems.

2.07.00

- LABEL ARCHIVE 2.07 adds performance improvements in handling large volumes of data. Windows that display lists of records now use the paging

mechanism. This applies to the following lists: check-in, check-out, history, reprint, and versions.

2.05.00

- LABEL ARCHIVE 2.05 is now compatible with Windows Vista Service Pack 1 and Windows XP Service Pack 3.
- LABEL ARCHIVE Server can be configured to store documents and historical data in a compressed format inside the database. This option can be used in certain cases to increase LABEL ARCHIVE performance, reduce network traffic, and increase the communication speed between the LABEL ARCHIVE Server and the database system. This option also greatly reduces the amount of storage space used within the database. To activate data compression between LABEL ARCHIVE Server and the database system:
    1. Stop the LABEL ARCHIVE service.
    2. Open the **<InstallDir>\Label Archive Server\ TkxArv.server.config** file in a text editor.
    3. Search for the **useZipCompression** attribute and set the option to **True**.
    4. Restart the LABEL ARCHIVE service.
- The LABEL ARCHIVE Client can be configured to exchange documents and historical data with the LABEL ARCHIVE Server in a compressed format. This option can be used in certain cases to increase LABEL ARCHIVE performance, reduce network traffic, and increase the communication speed between the LABEL ARCHIVE Client and the LABEL ARCHIVE Server. To activate data compression between the LABEL ARCHIVE Client and LABEL ARCHIVE Server:
    1. Close all applications that could be connected to the LABEL ARCHIVE Server (for example, CODESOFT, SENTINEL, LABEL ARCHIVE MMC console).
    2. Open the **C:\Documents and Settings\All Users\Application Data\Teklynx\Label Archive Client\ TkxArv.client.config** file in a text editor.
    3. Search for the **useZipCompression** attribute and set the option to **True**.
- LABEL ARCHIVE history records now show who approved or denied a label (#9258).
- The information about the quantity of printed labels is now available in the LABEL ARCHIVE print history records (#7294).

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Fixed Defects

Version	Ticket ID/ Defect ID	Description
3.10.00		
	16261	Impossible to delete the approval rules after the rule has been used. Resolution: Approval rules can be marked as obsolete and then can be removed.
2.07.00		
	15882	Reprint of a very large print history causes some performance issues.
	16093	MMC snap-ins do not work correctly with last service pack of windows XP : XP SP3
2.06.00		*Note: 2.06 was a customer patch. It was not published on the market.*
	15826, 15889	On Oracle, LAS service does not automatically restart after a stop/start of Oracle service. It has to be restarted manually.
2.05.00		
	20086 - 13146	UMSS MSGS Administration does not show messages regarding label approval.
	23430 - 13872 20073 - 13145	After installing Windows XP SP3, the Administration console for the LABEL ARCHIVE Client and LABEL ARCHIVE Server could not be opened.
	24818 - 14208	It was possible to be prompted to approve a label twice.
	7677 - 11492	It was not possible to delete an approval rule, even after having removed all documents that had been validated with it along with all references to that rule in the categories defined in LABEL ARCHIVE.
2.04.00		
	14512 - 12270	Comments entered during the approval process and for the validation of a label were not visible to other users involved in the approval loop or at the end of the process for the designer that submitted the label.
	17743 - 12782	Variable values used at print time within the label could not be seen later in the Print History records.
	12192 - 11808	It was not possible to save on the local disk the validated version of the labels stored in the LABEL ARCHIVE database from CODESOFT. This limitation was designed for security reasons, but could cause issues in instances where a backup solution was required for label printing while the database system is down. An external tool has been created that allows you to back up the full label archive database on the local disk. This tool must be copied into the LABEL ARCHIVE Server installation directory to use the feature.
	19201 - 12966	It was possible to type in forbidden characters for file names when checking a label in to LABEL ARCHIVE. Forbidden characters include / \ : * ? " < > |. This would cause CODESOFT to crash when opening the label from the recent file list.
	4777 - 11259	After an automatic reboot of the Oracle after a backup, the LABEL ARCHIVE Server became unresponsive and required a manual restart. This problem is now fixed, but it is important to avoid any connection with the LABEL ARCHIVE Server while the database is shut down.

Version	Ticket ID/ Defect ID	Description
		Note: Typically in server environments, when maintenance operations are done on databases, it is important that all applications and ERPs which rely on these databases are properly stopped and then properly restarted in accordance and in coordination with the Application Managers. If IT is not well coordinated with Application Managers, an incident may occur, such as a client performing label check-in or printing when the database is stopped by IT. This could cause data integrity loss. In some cases, an ERP or application may be automatically restarted by IT before the Application Manager could check that the production data is restored and approve the application restart, and a user on the other side of the factory resumed working with LABEL ARCHIVE without permission from the Application Manager. This causes integrity risks because the application could contain invalid data.

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Known Limitations

- E-mail notifications can be sent to individual users only. Group notifications are not allowed by e-mail.
- When working with an SQL server database that is located on a different PC than the LABEL ARCHIVE Server, only the SQL authentication mode can be used during installation. If the Windows authentication mode is chosen, the LABEL ARCHIVE Server cannot connect to the distant database and the application installation fails.
- When working with the reprint feature, it is possible to observe differences between the original printout and the reprinted copy when working with multiple labels across that have a defined Start At Label parameter set to greater than 1 for the printout.
- There is no official Oracle support for Windows Server 2008 systems. Applications could be unstable on this configuration.
- UMSS Service does not start automatically if UMSS is installed on Windows Server 2008 R2
- Comparison dropdown on Report tab is not localized

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Compatibility with Other TEKLYNX Software

This version of LABEL ARCHIVE is compatible with the following TEKLYNX software packages:

- CODESOFT 9.00.02
- SENTINEL 6.00.00
- LABELNET 1.30.00

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