

RELEASE NOTES – LABEL ARCHIVE v10.00.00

24 July 2012

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System Requirements

Windows 7 x32/x64

Windows Server 2008 x32/x64

Windows Server 2008 R2 x64

Windows Vista SP2 x32/x64

Windows Server 2003 x32/x64

Windows XP SP3 x32/x64

.NET Framework 2.0

Database: LABEL ARCHIVE Server is compatible with Microsoft Access, SQL Server 2005/2008, and Oracle 10 or later.

Installation requires Administrator's privileges.

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New Features & Enhancements

10.00.00

- LABEL ARCHIVE 10 is compatible with CODESOFT 10. A warning message will be displayed on earlier CODESOFT versions and users will not be able to login.
- LABEL ARCHIVE 10 has extended tracing features in order to check performance and application behavior on customer sites. This feature is controlled via the MMC Administrative snap-in.
- LABEL ARCHIVE 10 and UMSS 10 are compatible with TEKLYNX CENTRAL 3's External Database feature.
- LABEL ARCHIVE 10 and UMSS 10 installations support the following languages: English (Default), French, German, Spanish, and Italian.

- LABEL ARCHIVE 10 batch printing stores additional information in the JobName field to let users sort by this column in a GUI. Job name is stored in the following format: WorkstationName_UserName_Guid.
- UMSS Administration snap-in added the “Contains” search option within the Add User by Active Directory window.
- LABEL ARCHIVE 10 has the following extra search fields on History and Reprint windows: History date, User name, Workstation, Job name, and Quantity printed.
- LABEL ARCHIVE 10 has new protection module NSP 2.2 with support of Offline, Online, Platinum, and Subscription licenses.

3.30.00

- Users can sort labels by document name, valid date, creation date, and user in the General tab of the LABEL ARCHIVE Check Out, History, Reprint, and Versions windows.
- Users can search labels by document name, valid date, creation date, and user in the General tab of the LABEL ARCHIVE Check Out, History, Reprint, and Versions windows. The search feature supports the wild card character * at both the beginning and end of the search string, so that users can search for part of the document name. The search is performed on all subfolders and pages. The search fields are: Document Name, Valid From Date, Date Created, and Created By User.
- When a label is deleted from the LABEL ARCHIVE database, the date and time of the deletion and the user who deleted the file are logged in the activity history for that label. This meets 21 CFR Part 11 requirements. The audit trail can be accessed by any authorized user by manually viewing the record’s history in the database.

3.20.00

- LABEL ARCHIVE 3.20 includes an additional option for label version control. This new option increases the version only once between the current Final version and the new approved (Final) version. The draft versions are not kept, but the history change log still tracks all changes made to each version. Integration with CODESOFT, SENTINEL, and LABELNET is the same for both label version control options. The new feature is controlled from a server snap-in.

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\ TlxArv.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
10.00.00		
	17205	LABEL ARCHIVE Client returns an error code to CODESOFT 10 if the database is down.
	17206	Paging issues with deleted documents.
	17207	Subtle GUI bugs on high DPI values.
	17208	Memory management optimization under heavy load.
	17209	.Net remoting locks channels and causes startup failure.
	17210	Licenses behavior when a user is a member of several groups.
	17214	On specific systems, Windows user name is identified incorrectly.
	17212	Clean up licenses and sessions that are supposed to be linked to non-responsive applications (removed from the memory by Windows Task Manager etc.). Remove all remaining sessions on UMSS startup.
	17213	Fix issue with long service startup on specific configurations.
	16393	LABEL ARCHIVE Web allows any Windows user to log in without a password.
	16575	A label appears twice in the action menu on the LABEL ARCHIVE Web site.

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		<i>Note: 2.06 was a customer patch. It was not published on the market.</i>
	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
		<p>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.</p>

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Known Limitations

- Oracle installation requires creation of a dedicated user with a high level of user privileges.
- Upgrading LABEL ARCHIVE to version 10 does not perform clean up of LABELVIEW tree or documents. In this case, LABELVIEW will be still visible in snap-ins.
- Access database – Microsoft knowledge base contains recommendations to use Access on x32 systems.
- Oracle client limitations – LABEL ARCHIVE coupled with Oracle client was tested on x32 systems. At the same time, the remote Oracle server could be located on x32 or x64 systems.
- Some customers with a network behind a proxy and accounts, except the domain administrators, need to enter a password for internet connections. This puts the connections of LABEL ARCHIVE and UMSS in a loop when requesting the .Net certification check. The solution is to uncheck the certification of the service account used by LABEL ARCHIVE and UMSS.

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Compatibility with Other TEKLYNX Software

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

- CODESOFT 10
- SENTINEL 10

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