

RELEASE NOTES – LABEL ARCHIVE 2018
7 December, 2017

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System Requirements

Server:

Windows Server 2008 SP2(x64)

Windows Server 2008 R2

Windows Server 2012/2012 R2

Windows Server 2016

.NET Framework 3.5 SP1 and 4.5.2 (provided on DVD)

IIS 7.0 or higher

ASP.NET 4.0

Databases:

SQL Server 2008/2008R2/2012/2014/2016. SQL Server Express is recommended for demo purposes only.

Oracle 10g or higher.

Note: Requires Oracle Client software version 8.1.7.

Recommended: Oracle Database 12c Release 2 Client (12.2.0.1.0).

Client:

Windows Vista SP2 (x32/x64)

Windows 7 SP1 (x32/x64)

Windows 8/8.1 (x32/x64)

Windows 10 (x32/x64)

Web part: Internet Explorer 11, Firefox 54.0 or higher, Google Chrome 59.0 or higher.

Note: It's allowed to use IE10 on Windows Vista SP2 only because it doesn't support modern IE versions.

Compatible with Virtual Environments:

VMWare vSphere 5.0, 5.1.0, 6.0.0

Citrix XenServer 6.5 SP1, 7

Microsoft Hyper-V 2012 R2, 2016

Oracle VM Virtual Box 5.1.14 and higher
Parallels 6.0 and higher
VMWare Workstation 7.1

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New Features & Enhancements

LABEL ARCHIVE 2018

- Bunch of LAS/UMSS enhancements and patches for TEKLYNX CENTRAL 4.7/5.0 (True reprint, ACGroups changes, Login policy changes etc.).
- RTC2018-2.2-031 Add the UMSS user group copy patch as a default feature.
- RTC2018-2.2-032 Ability to bind a user group in UMSS with a USER Group in Active directory. This will allow us to create just 1 association, group to group, and have the system be manages all the way in AD from there on out.
- RTC2018-2.2-033 The option in LA that will remove the allowance of “self-approval”. Making it so users can not approve their own labels.
- RTC2018-2.2-034 The ability to double click a label in label archive to check the label out of LABEL ARCHIVE.
- RTC2018-2.2-035 A description field for each step of approval rule, displayable wherever approval rules are shown.
- RTC2018-2.2-043 LAS: the ability to move a label from one folder to another.
- RTC2018-2.2-044 Display locked/not-locked status of each user in the UMSS Management Console screen.
- RTC2018-2.2-046 UMMS permissions fix for categories: after adding a new category actual permissions checkboxes are not enabled.

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Fixed Defects

Please refer to "TestProtocol_LAS_2018 – [Component name].xls",
“BugList_LAS_2018.xls”

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Known Limitations

- It recommended turning off **Windows Firewall, User Account Control and Antivirus** before installation. It's reported that Semantic EndPoint Antivirus blocks LAS.
- **User Account Control** on server systems like Windows Server 2012 should be also turned off in Local Group Policies.



- Two networks cards and network optimizers can cause connectivity malfunction of the application.
- **With UAC ON:** Launch Command Center with “Run as Administrator” option.
- Virtual Machines suspended state note: it's needed to relaunch all opened LA applications and CODESOFT if VM was restored from suspended mode.

- Protection module updates its status once in several minutes. LA Administration warnings on startup and tray notification area will be updated after this time period.
- **Upgrade** is possible from the version LABELARCHIVE 2015.01. **Restart PC after upgrade.**
- **Upgrade:** Action handler's dlls in MSGS actions should be re-selected manually to refresh dll version (i.e. from 2014 to 2015). This should be done for email notifications and all other handlers.
- It's strongly advised to turn off Windows Security option "**System Cryptography: Use FIPS compliant algorithms for encryption, hashing, and signing**". This option may cause connectivity problems (LA, Printing Interface etc.) when it's turned on by default in Local Computer. Microsoft techs provide explanation for this option.
<http://blogs.technet.com/b/secguide/archive/2014/04/07/why-we-re-not-recommending-fips-mode-anymore.aspx>
<https://support.microsoft.com/en-us/kb/811833>

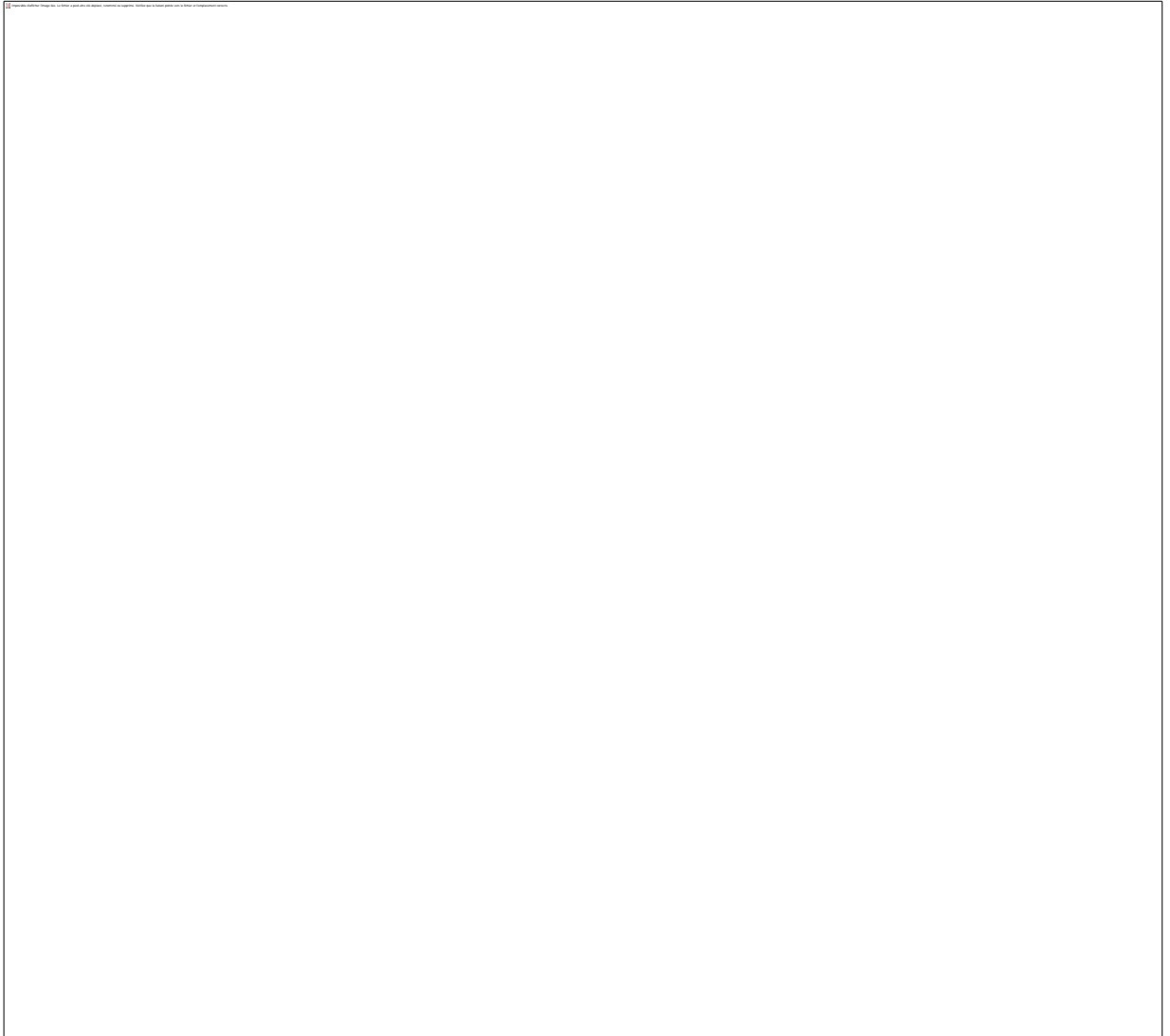


- User should reinstall or upgrade LABELARCHIVE under the same DB user.
- **SQL Server 2012:** Sysadmin server role should have NT AUTHORITY\SYSTEM membership.

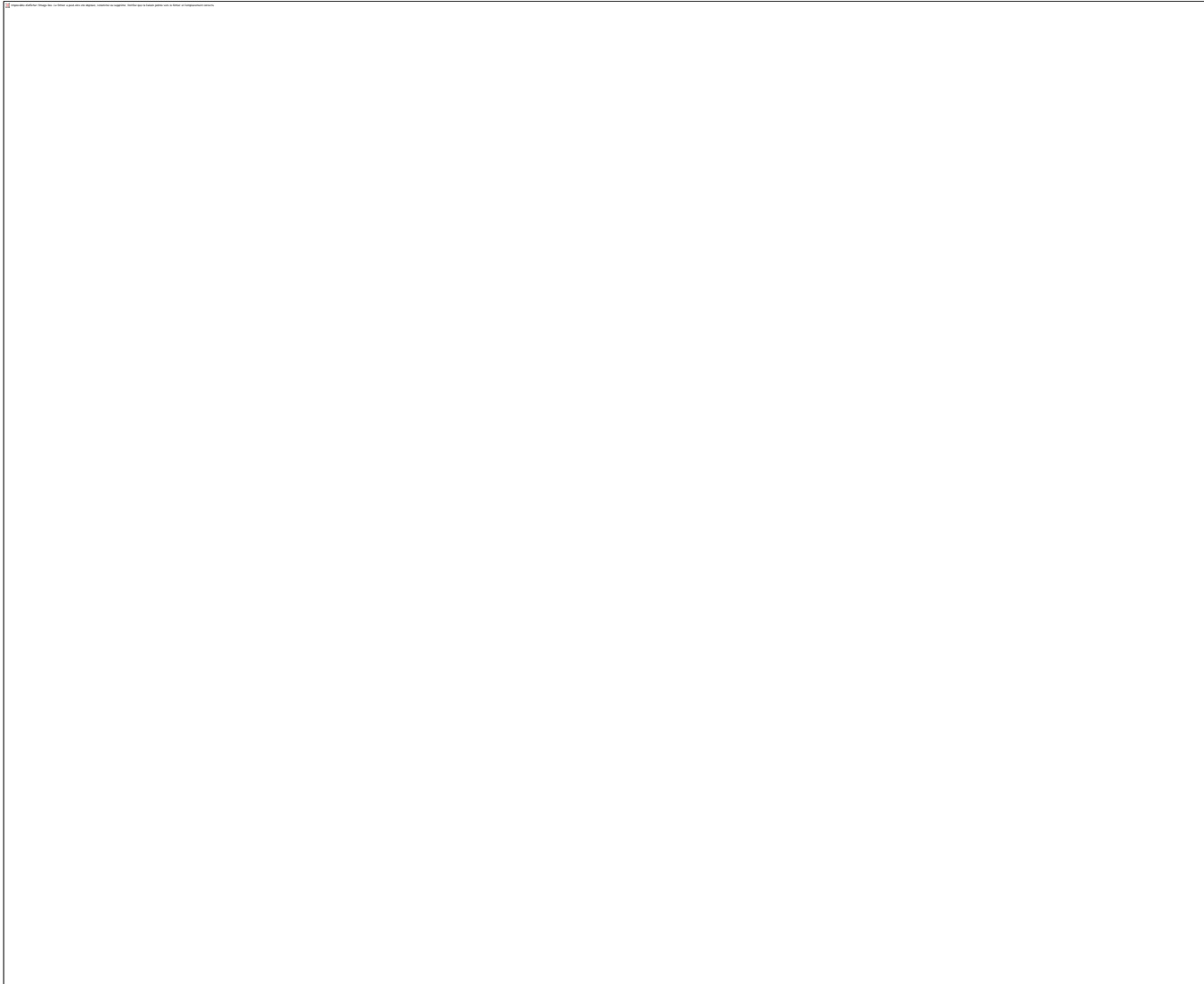
- **SQL Server** password should not have hash sign # in the password (Installshield bug). Also it's highly recommended to not use other special characters. The best is alphanumeric and underscore.
- **SQL Server: new installation.** Make sure that SQL user has roles **dbcreator** and **public** as on screenshot below.



- **SQL Server: upgrade installation.** Make sure that User Mappings are set as on screenshot below. Each database should have **db_owner** and **public** roles defined for current SQL user.

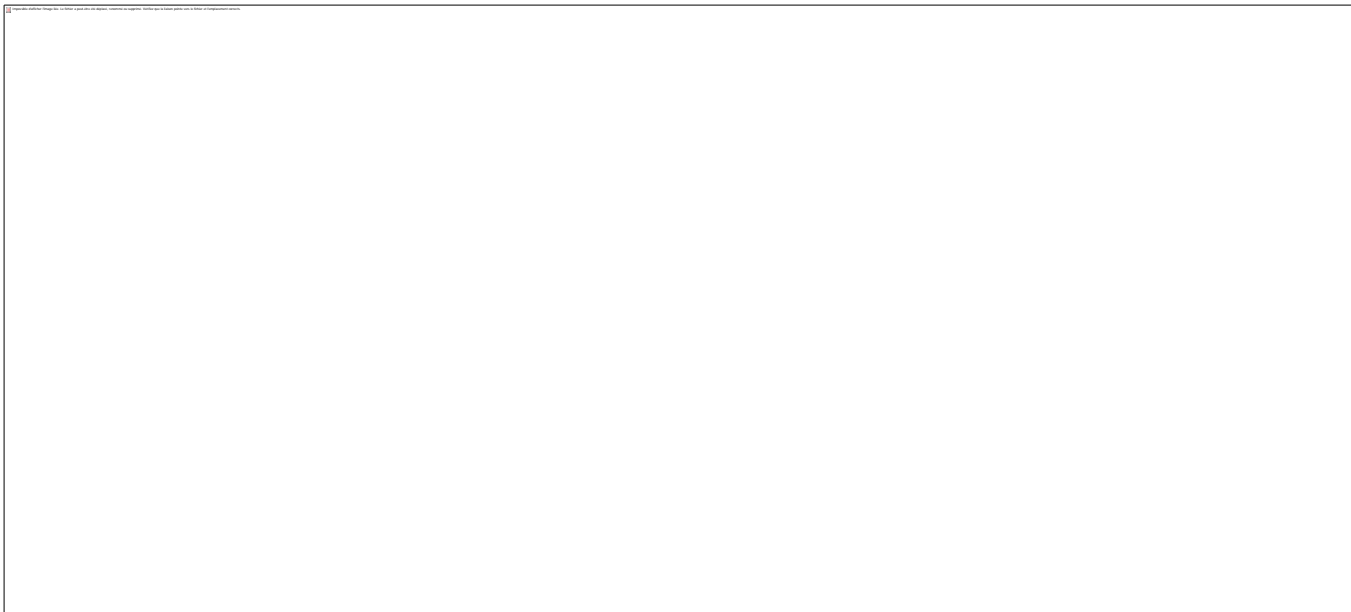


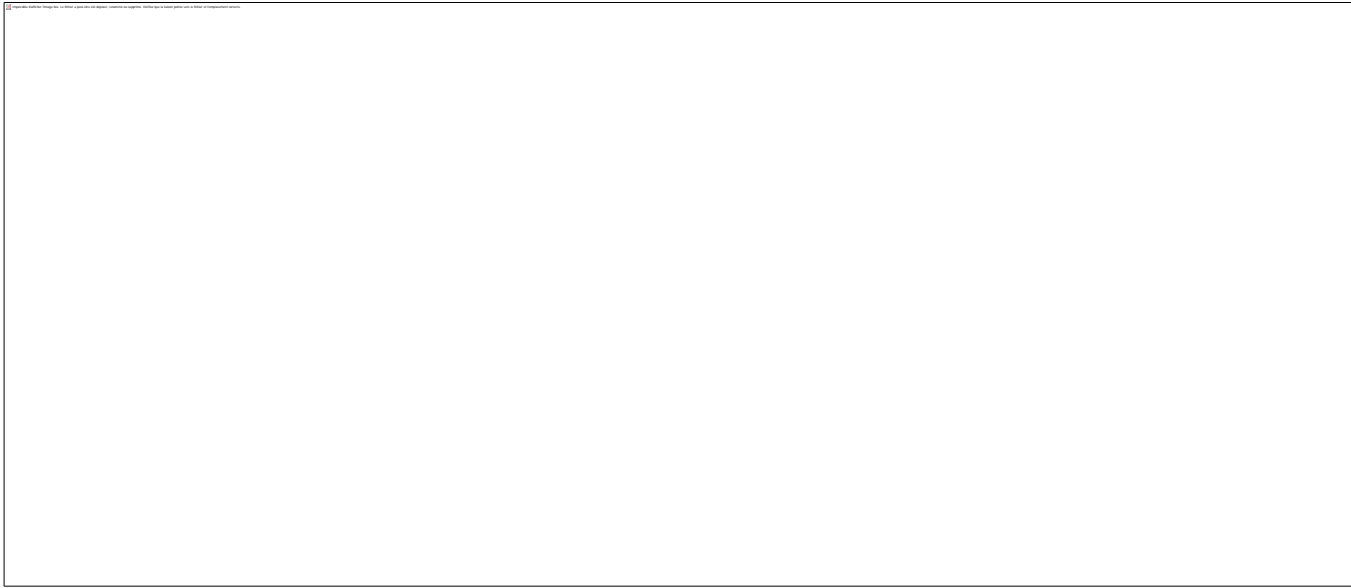
- After **SQL Server** restart it's also required to restart UMSS server.
- **Oracle** installation requires creation of dedicated user with high privileges level. This user automatically creates corresponding users for UMSS and MSGS databases. User creation script is located under Doc folder of this CD.
- **Oracle client limitations** – LAS with Oracle client was tested on x32 systems. At the same time, remote Oracle server could be located on x32 or x64 systems.
- **Oracle:** UMSS doesn't have manual installation mode.
- **Windows Server 2012/Win 8:** IIS should have the following features enabled: ASP.NET 4.5, и .NET 4.5 Extensibility.
- **Windows 8.1/2012 R2:** Microsoft .NET 3.5 installation requires changes of Local Computer policy according to screenshot below.



- On some systems, Windows Authentication for Microsoft SQL Server does not work. It is recommended to use SQL server in the native or mixed authorization mode.
- **Activation** of expired software requires server PC to be restarted.
- **CODESOFT** consumes 2 licenses: 1 Designer User and 1 Report User for LAS. Remotely installed CODESOFT via Command Center prompts login screen twice.
- **CODESOFT** should be installed on LA Server for Export print history functionality.
- **CODESOFT**: It's not allowed to delete documents that are actively opened in CODESOFT.

- **CODESOFT:** any page setup of the label should be checked in before printing. In this way correct history records will be reflected after printing.
- **LAS Web Approval:** do not add LA Server workstation name to workstations list in LA Administration. Approval behavior may be incorrect.
- **Approval rules:** if user doesn't have permissions to see history, corresponding dialog will not be shown on approval.
- **LAS Web:** Win Auth mode login works in domain environment only.
- Approval workflow attachment size is 5 Mb by default. This value is defined by SI_ApprovalAttachMaxFileSize parameter in tblSysData table.
- **LAS reports:** if error message "Value cannot be NULL" will appear on report generation, please check search parameters and re-generate report again.
- **LAS Sync Service** consumes one extra license if it's launched.
- **UMSS** limitations:
 - UMSS does not support un-registration of applications, only re-registration
- If the web site first launch causes error "Could not load type 'System.ServiceModel.Activation.HttpModule' from assembly 'System.ServiceModel, Version=3.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089'", please remove duplicate ServiceModel and svc-Integrated records following screenshots below.





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Compatibility with other TEKLYNX Software

LABEL ARCHIVE 2018 is compatible and fully tested to work with the following TEKLYNX software packages:

- CODESOFT 2018
- SENTINEL 2018

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