

RELEASE NOTES – TEKLYNX CENTRAL GHS v4.00.00

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Table of Contents

[System Requirements](#)

[New Features & Enhancements](#)

[Fixed Defects](#)

[Known Limitations](#)

[Compatibility with other TEKLYNX Software](#)

System Requirements

Server:

Windows Server 2008 SP2(x32, x64)

Windows Server 2008 R2 (x64)

Windows Server 2012/2012 R2

.NET Framework 3.5 and 4.0

ASP.NET 4.0

LAS 2012 with UMSS 2012 (versions from TEKLYNX CENTRAL 4.0 package)

SENTINEL 2012

CODESOFT 2012

IIS 7.0 or higher

SQL Server 2008/2008R2/2012 or Oracle 11 (Oracle Client 32-bit is recommended on both 32/64 bit systems)

Installation requires administrator's privileges.

Client:

Windows Vista SP2 (x32/x64)

Windows 7 SP1 (x32/x64)

Windows 8/8.1 (x32/x64)

Internet Explorer 9 or higher, Firefox 23.0 or higher, Google Chrome 29.0 or higher.

[Back to Top](#)

New Features & Enhancements

TEKLYNX CENTRAL GHS 4.0 is abbreviated as TC 4.0 in current document.

- R-TC301-0001: Use of variables Pick lists in the Internet Printing Interface.
- R-TC301-0002: Variables input masks functionality;

- R-TC301-0003: The ability to have a print page message box display in the Printing Interface. This message box can be used to show instructions.
- R-TC301-0005: “Automatic site log off” feature.
- R-TC301-0006: “Display preview” option.
- R-TC301-0007: Autocheck Win authentication on logon.
- R-TC301-0008: Alphabetize all products and workorders.
- R-TC301-00010: The ability to select whether or not the Local Print option is displayed.
- R-TC301-00011: Ability to reorder printers for each workstation or users. This will affect both the user logic and the workstation.
- R-TC301-00012: “Disable Print button” option.
- R-TC301-00013: Option to select the printer user would like to print after he selects the label.
- R-TC301-00015: The ability to use WINDOWS authentication and have to type in Windows password to authenticate.
- R-TC301-00016: Set synchronization between workstation, user, printers logic via External databases.
- R-TC301-00017: The ability to use a variables datagrid in the Printing Interface.
- R-TC301-00018: The ability to change the color scheme and add your own company logo to the Printing Interface.
- R-TC301-00019: Product value can populate a variable on the label user associate with that product.
- R-TC301-00020: Search boxes with instant search and autocompletion on Administration and Printing Interfaces.
- R-TC301-00021: “Hide printed labels” option.
- R-TC301-00022: Optimize Connections screen GUI to improve usability.
- R-TC301-00023: New Options screen design to improve user experience.

Fixed Defects

Please refer to "TestProtocol_TC_400_RC1.xls", "BugList_TC_400_RC1.xls" (provided by request).

[Back to Top](#)

Known Limitations

- CODESOFT consumes 2 licenses on remote PCs – the second one is consumed by LAS. Remotely installed CODESOFT via Command Center prompts login screen twice.
- Upgrade is possible from TC 3.01 only.
- **Windows Firewall** and **User Account Control** should be disabled before installation.
- **SQL Server 2012:** Sysadmin server role should have NT AUTHORITY\SYSTEM membership.
- **Windows 8.1/2012 R2:** Microsoft .NET 3.5 installation requires changes of Local Computer policy according to screenshot below.

- After TC 4.0 reinstall it's needed to re-add printers in Sentinel and check them again.
- User should reinstall or upgrade TC 4.0 under the same DB user.
- When TC 4.0 is installed on the language different from the default English, Sentinel Management tools still will be displayed in English. It's necessary to manually select preferred language in these applications.
- TC 4.0 PRINTING INTERFACE Web Site, TC 4.0 PRINTING INTERFACE Administration, SENTINEL 2012, LABEL ARCHIVE 2012 must be installed on the same PC. Three Sentinels will be created automatically – for printing, preview generation and infinite print. The watch folders for print sentinel must be “C:\Watch” and for preview sentinel - “C:\imgproc”. For more details please refer to “TC 4.0 PRINTING INTERFACE - SENTINEL CONFIGURATION GUIDE.doc”.

- For TEKLYNX CENTRAL web sites configuration is described in “TEKLYNX CENTRAL 4.0 PRINTING INTERFACE - IIS 7.0 CONFIGURATION GUIDE.doc”. IIS 6 compatibility mode should be enabled in server roles.
- Windows Server 2012/Win 8: IIS should have the following features enabled: ASP.NET 4.5, и .NET 4.5 Extensibility.
- After TC 3.01 is uninstalled, the Local Print component must be uninstalled from each workstation manually.
- Default PrintUser doesn't have enough rights to use actual Printing Interface because he's not a member of ACPrintUsers group. This PrintUser is mostly intended for Sentinel and consumes no license.
- If an external database is located on the network, it should be accessible with read/write permissions.
- If SENTINEL 2012 was not used for a period of time (10 minutes or more), getting a preview of a label after changing variables values might fail the first time. It will be shown from the second try on.
- Local printing from Test print does not display watermark due to TkxPECu.exe functionality limitations.
- Local printing only supports COM, LPT, and TCP/IP ports. Others available on local machine ports are filtered and will not be shown in the Local Print window.
- When printing to a file (XPS, PDF, etc.) on Windows Vista, Windows 7, Windows Server 2008, and Windows Server 2008 R2 file selection, dialog is shown in a different desktop which can be accessed by Interactive Services dialog provided by these operation systems. This dialog is sometimes shown a certain period of time after clicking the Print button.
- Limitation for input strings in “Naming” feature is 30 characters. (Long strings may stretch UI).
- “Naming” feature may produce incorrect orthography in complex phrases on languages different from English.
- When this Infinite Print option is enabled during a test print and SENTINEL is configured for Infinite Print, printing is not infinite. Instead, a very large number of requests are sent to the printer. If printer driver (or printer with display) allows setting own native infinite printing, this feature should be turned off to prevent collision with TC 4.0 infinite printing.
- All Mobile devices that use the mobile version of TC 4.0 will send the same workstation name (HANDHELD). In the TEKLYNX CENTRAL Administration,

when browsing workstations, this name will not be seen automatically and must be added manually for the correct workstation logic operation. Also, in License Manager, all users connected from Mobile devices will consume one license for the HANDHELD workstation.

- TC 4.0 requires user to click the Load button after a product name is scanned due to mobile browsers limitations on some Mobile devices.
- 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.
- The Administrator cannot change TC 4.0 language settings in the Command Center. Changing the corresponding registry key is required to apply new language for all products.
- License will be not released if user will close the Printing Interface browser window. Instead, it's highly recommended to use "Logout" buttons.
- Local Print feature uses only one Sentinel which processes all incoming requests in the queue. Printing performance may be affected by big amount of simultaneous printing jobs from different remote clients.
- There is known TKComm printing issue: big quantity of complex labels on USB printers produces "cannot connect printer" error. Fix will be provided as a patch.
- CODESOFT installed on the remote workstation through Command Center's remote installation feature doesn't allow changing password which is expired using UMSS login form. The password can be changed in any other application (CODESOFT on server side, UMSS/MSG5 administration console).
- If user changes the license type (for example, software key to hard key) it's needed to refresh the Licensing service in Command Center or restart it manually.
- Window popups of TC 4.0 Administration and Printing Interface are closed after 15 minutes of inactivity.
- If you suffer issues with logout on Internet Explorer 10, the following hotfix should be applied: <http://support.microsoft.com/?kbid=2600088>
- **Oracle** limitations:
 - It's recommended to install Oracle Client x32 edition on both x32/x64 systems.
 - Oracle installation: Install ODAC 11.2.0.3.0 (provided on TC DVD) after TC 4.0 and .NET 4.0 installations.

- Windows authentication may fail if Oracle database is adjusted to use case-sensitive strings. UMSS keeps Windows user credentials in lowercase (“domain/username”), but checking the "Windows Authentication" checkbox on login forms will substitute workstation domain in uppercase (“DOMAIN/username”). To avoid failures during login, change uppercase characters to lowercase.

- **TC 4.0 External DB** mode limitations:
 - Input masks are not supported in External DB mode.
 - “Print All” button is not supported in External DB mode.
 - “Hide Printed Labels” is not supported in External DB mode.
 - The External Database connectivity has only been tested with Microsoft Access and Microsoft Excel data files. Other data sources, including SQL and Oracle, were not tested as external databases and may cause instabilities in the system.
 - R-TC301-00019: populate product variable feature doesn’t work in conjunction with Filters mode.

- **UMSS** limitations:
 - UMSS does not support un-registration of applications, only re-registration is available.
 - UMSS: Dynamic Category permissions are not editable in the scope of TC.

[Back to Top](#)

Compatibility with other TEKLYNX Software

TEKLYNX CENTRAL GHS v4.0.00 is compatible and fully tested to work with the following TEKLYNX software packages:

- LABEL ARCHIVE 2012 (TC 4.0 package version)
- UMSS/MSGs 2012 (TC 4.0 package version)
- CODESOFT 2012.00.03
- SENTINEL 2012.00.03

[Back to Top](#)

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