



## **CODESOFT 2019.00.00 Release Notes**

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# RELEASE NOTES - CODESOFT 2019.00.00

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## System Requirements

This product has been tested on the following Windows® operating systems:

- Windows®10 x86/x64
- Windows®8.1 x86/x64
- Windows®8 x86/x64
- Windows®7 x86/x64 SP1
- Windows® Server 2019
- Windows® Server 2016
- Windows® Server 2012 R2
- Windows® Server 2012
- Windows® Server 2008 R2 SP1

At least one printer driver installed on computer  
Installation requires **Administrator's** privileges.

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# New Features & Enhancements

## Version 2019

### New Features

- **Feedback** - added the ability for users to send product feedback through the product, Help > Send feedback.
- **Form Editor** - ability to customize the 'When printed' form and variables, leveraging several data entry controls such as calendar, radio buttons, checkboxes, images, and more.
- **GDPR** - alignment with the General Data Protection Regulation (GDPR) privacy policy requirements.
- **Object options** - added object group/ungroup capabilities (right-click).
- **Printer search** - ability to search both, list of all native printer models and previously added printers.

### Enhancements

- **Barcode fit-to-frame** - ability to set barcode width parameters.
- **Control variable** - added control variable @VALIDFROMDATE for labels from LABELARCHIVE (CODESOFT Enterprise).
- **Dialog windows** - updated the following GUI dialog windows: Print, About, Objects Order, Share Datasource Management, Printing Log File, Tagged Text Management, Form Customization, RichtextField Input, GridField and ListField.
- **GridField** - enhanced script editor, grid body, barcode properties, picture properties, and XML functionality.
- **GS1 Wizard** - improved the user interface and AI (application identifier) data entry, including the ability to update an existing GS1 barcode using the wizard.
- **GS1 Standard** - updated to latest GS1 standard and application identifiers.
- **Image properties** - updated image mode default to 'Zoom'.
- **Objects order** - enhanced Object order selection and organization functionality.
- **Object options** - added object alignment functionality (right-click).
- **Password** - updated application level password with confirmation field.
- **Print** - added infinite print to enable an array of print scenarios when used in conjunction with portwatch and the print form.
- **Print dialog** - added 'Last used' print dialog start tab selection.
- **Print dialog** - ability to set printing interface default: General, Form, Database, or Last used.
- **Picklist search** - ability to search using multiple-character strings.
- **Printer grouping** - copies of added printer models are now grouped together alphabetically.
- **Portwatch** - CODESOFT Portwatch updates to control input order and repeat prompt.

- **UPC-A barcode** - display human readable Check Digit as default.

## Technical

- **Security** - Added TLS 1.2 encryption for secure internet communications.

## No longer supported

- **Windows OS** - Discontinued support for Windows Server 2003 and Windows XP in 2019 moving forward.

## Version 2018

### New Features

- Created an option to directly launch the default image editor through the image by right-clicking on the image, and selecting 'Edit' from the image's context menu. Image can be saved to overwrite the existing label image.
- Quickly confirm available product deactivations for a license in the Help>About screen, or through License Manager for a network license.
- Ability to load data from Access/Excel without requiring a full install of Microsoft Office. The Microsoft Access Database Engine 2010 Redistributable package is included, providing connectivity to MS Access and MS Excel using Office 2000\2003\2007 formats (.mdb, accdb, .xls,.xlsx).
- An ASCII table is now available to easily select a value and add to a formula.

### Enhancements

- The overall user interface is updated with a cleaner design, including updated colors, icons, and toolbars. The navigation icons are configurable to change the size (small or large), or add/remove large icon text.
- Created commonly used barcode specific formulas to easily add associated characters and functions.
- The formula properties now has a dynamic preview (including errors) for the selected formula.
- When moving objects on a label, the original location of the image remains viewable to assist with design.
- Easily find associated label elements by selecting the desired label element, data source, or object, and all corresponding elements are visually identified.
- Shared variables are now easily identifiable by the visible shared icon.
- The bottom status bar is clickable, providing easy access to associated dialogue boxes (i.e. printer settings, help>about, properties for selected label element).
- Documents panel improvements:

- A modified mark (\*) in each document tab header is added if the document was changed. It's convenient to The contextual menu is extended with more option like accessing the document properties.
  - A close button (X) on each document tab.
  - Ability to float (label) documents for label-to-label comparison.
- The process to create extended object is now similar to other objects. After selecting the extended object type, click on label to create the object at this position. Previously, the object was automatically added to the upper-left corner of the label document.
- The Help menu now contains links to online resources: Administrator, User, and Programmer's Guides; Tutorials; and Customer Support.
- Toolbars are configurable to select docking position (Top/Left/Right/Bottom). NOTE: Toolbars no longer float.
- From the toolbar, the 'Variable name' (Data sources) and 'Object name' dropdown lists display each item with an icon representing its type for easy identification.
- The selection of a tray will be possible with ActiveX in order to control the tray from SENTINEL if needed. This avoids having to define two printers with different trays. For CODESOFT (when using SENTINEL) the following is now available to avoid unnecessary license costs related to printers:
  - At the 'Printer' level a new property is added to Get/Set the current Tray (by Name)
  - At the 'Printer' level a new method allows to get the List of available Trays (by Name)
  - No change at the User Interface level, users can still update in printer settings
- Moving forward, settings will be retained on upgrade. To preserve settings, a generic path will be used - C:\ProgramData\Teklynx\CODESOFT
- Quickly open the 'Label/Page setup' dialog by double click on free label area.
- Added a context menu for Objects in Objects view, similar to the existing Variable from Data sources View.
- The current printer settings are now retained when making changes to printer ports.
- The Variable length default value remains 100, however, it can be extended up 65,000 (max int). NOTE: For drivers, the max value remains 32767 to avoid risk and impact on some drivers that use this max value.
- The Log file dialog is extended:
  - Ability to generate a 'Daily based filename'
  - Ability to select extension of log file
- The RFID module is improved to support ATA2000 regulation. RFID support is improved for several printers (Zebra / Datamax).
- Update ActiveX to manage TCP IP ports, ActiveX now provides methods to get and set TCP IP ports.
- Document properties dialog Icon updates:
  - Icons for General, Summary, Statistics and Review available in all products
  - Icon for Visual Basic Scripting is available for CODESOFT PRO

- Icon for Extended available is available for CODESOFT RUNTIME
- All Icons are available in CODESOFT ENTERPRISE
- The icon for VBScript tab (properties dialog) is updated if scripts exist for an object, variable or document. The icon helps identify objects with active VBScripting.
- Prevent multiple objects editing through Properties dialog to avoid unintended changes that may break a portion of the selected objects. To avoid this, context menu for multiple selected objects and variable is updated. The "Properties" menu now displays sub-items with names of the selected objects or datasources.
- Created control variables for watermark text adjusting:
  - @WATERMARKTOPPOS - top watermark text position on the label.
  - @WATERMARKLEFTPOS - left watermark text position on the label.
  - @WATERMARKFONTSIZE - watermark font size (16 points by default).
  - @WATERMARKFONTNAME - watermark font name to use (Arial by default).
  - @WATERMARKROTATE - watermark rotation ( 0 by default )
- Added a GS1 Stackable Checkbox to enable stackable GS1 codes. GS1 wizard is updated to the current GS1 specification v18:
  - Add new items: 8112,416,7020, 7021, 7022, 7023, 22, 714,8013
  - Adjust AIs size:
    - For AI 91-99 maximum length should be changed from 30 to 90
  - Adjust AIs description:
    - For 8006 from "Identification of the Components of a Trade Item" to "Identification of an individual trade item piece"
    - For 20 from "Variant Number" to "Internal product variant"
  - Renamed AI:
    - 240 Additional product identification assigned by the manufacturer
    - Old name: Additional Item Identification
  - Adjust associations:
    - Update association for AI 8019 with 8017 or 8018
    - Update association for AI 17 with 01 or 02 or 255
    - Update association for AI 394, 8111 with 255
    - Update association for AI 7020,7021,7022 with 01
    - Update association for AI 8012 with 01
    - Update association for AI 714 with 01
- HIBC Wizard is updated in accordance to current HIBC regulation.
- A new dialog to create local ports is now available, providing the same functionality as the system dialog. This dialog can be reached in 2 ways:
  - Open "Printer" dialog. Press on "Add" button. Press "Create new port"
  - Open "Change printer port" dialog



If you run the application without administrative rights, the button "Create new port" will be disabled in all dialogs.

Only adding additional printer ports using CODESOFT is allowed. To remove ports, navigate to the system dialog in system settings. You can remove only manually added TCP IP ports.

- New port additions are validated, a port cannot be created with unsupported symbols (for example: with the symbol '/'), or with the port name that already exists.
- For Oracle database connections, the logic of enumerating tables, views, synonyms, etc., is fully redesigned. Oracle specific SQL queries for system tables are now used. The execution of the specific SQL queries is significantly more efficient than using other provider methods. The SQL Query builder is unchanged (3rd party module).
- Multiple item selection and management improved, can now:
  - Drag and Drop all many Samples labels in designer
  - Perform document switching with very complex labels
  - Significantly increased performance for multiple Table lookups
  - Text selection with many linked variables
  - 'Select All' objects with label that includes many objects (>300)
- Product license activation window is now included at the end of the installation process.
- Added the ability to suppress blank rows in a paragraph using the SuppressBlankRows formula within a variable.
- The font window is updated, and now shows the most recently used fonts, current font, and each font is displayed in its corresponding style.
- Font list is now navigable through multiple character keyboard entry to quickly find the desired font.
- Ability to search for a barcode within the Barcode Wizard.
- Added X-dimension (mils) measurement to barcode properties.
- Added a static File menu option for easy access to the Template folder directory.

## **Technical**

- A Virtual Machine (VM) License is no longer required for the Microsoft Surface Pro.

## **No longer supported**

- OLE Object and OCX field are no longer used in v2018. Prior labels with such objects, the object is converted to an image.

## Version 2015

### New Features and enhancements

- GS1 – New AIs: The following Application Identifiers are now available in GS1 wizard: AI 243/AI 255/AI 427/AI 710-712/AI 8017/AI 8019/AI 8200
- New Barcodes: Grid Matrix and DotCode are now available.
- Grid Field enhancement: Enhanced features are added to Grid Field like margins, alignments, header, vbScripting...
- File open dialog: The File open dialog is now based on windows 8 style.
- Pick List enhancement: It is now possible to change pick list values dynamically based on another variable (file, database...)
- RTF enhancement: It is now possible to insert variable(s) in a RTF field.  
Note: Variable name should not contain the \ character
- Tagged Text Management: It is now possible to define font name and color attributes for foreground and background.

## Version 2014

### New Features and enhancements

- GS1 – QRCode: The GS1 wizard now supports QRCode.
- VB Scripts: VB Scripts can be defined at multiple levels (Document, Objects and Data sources) and triggered for different events.
- Tagged Texts management: This feature allows you to format parts of text based on tags (such as bold, italic, underline). This can be used, for example, to highlight allergens in compliance with new food labelling standards (European regulation 1169/2011).
- System Event Viewer: License events are logged in the System event viewer. This allows tracking of important information about the License (i.e. License is about to expire, License is expired, License not found...)
- Label import from vector image: The label import capability based on vector format (ie DXF, WMF,...), allows the fixed part of the label to be created in a click (text, image, lines, etc...) only the data source part remains to be created. This is useful when the design of template labels is initially created in a CAD software.
- GridField : The 'Grid Field' allows to organize objects based on grid cells instead of position. This feature can be useful in case of report printing (Orders, Invoice, etc...). The 'Grid Field' supports cells content as text, barcode and image.
- Print dialog: It is now possible to keep the Print dialog box open after the print job to create subsequent print jobs without having to reopen it.

- **New formulas:** New formulas are available to calculate check digit for Voice code (CRC-16) and PZN.
- **LABELMATRIX converter:** A new converter allows converting labels coming from the LABEL MATRIX designer.
- **Form Designer and Network License:** Form Designer is now supported with Network Licenses.
- **Database Manager Improvements:** Column widths are now persisted to avoid resizing. Added support for default field values when adding a record
- **Evaluation mode removed:** When no valid license is found the application can no longer be executed.
- **Network Tolerance:** In case of network disconnection, it is possible to define a tolerance period (max. 480 minutes). By default there is no tolerance (0 minute). If the network is disconnected, the labeling software stops working. Note: The tolerance begins after about 6 minutes of connection to the server and the user token will be locked during the tolerance period.

## Version 2012

### New Features and enhancements

- **Image transparency:** It is possible to define for image object a color that will be used to define transparency.
- **Uniscribe management:** this resolves issue with specific language manipulation (Japanese, Chinese, Arabic,...) and when there is mixture of Right to Left (Arabic) and Left to Right text.
- **Windows 8 Support:** CODESOFT 2012 can be run on the Windows 8 operating system.
- **Evaluation mode:** In Evaluation mode, printing is not possible anymore.

## Version 10

### New Features and enhancements

- **Clip mode for Image** - This new option allows an image to be clipped to the shape.
- **Port Watch** - This new free variable type Port Watch allows the reception of data from external devices connected by USB, COM, or Ethernet.
- **Layers and dual side printing** - New layers allow printing header and footer labels and dual side printing. This can be used to print form documents like invoices and orders, where different information needs to be printed on the back side of the page.
- **Text Art improvements** - New Text Art capabilities allow drawing text based on the shape being used (text can be drawn inside or outside of the shape). In such cases, the text is not drawn where it will overlap other objects. This can be used for GHS labels where all of the space on the label must be optimized based on the number of objects that need to be printed.
- **RTF Field – Fit to Frame option** - This option eases the creation of GHS labels. Hazard Statements and Precautionary Statements can mix different formatting options (bold, underline, etc.) and still need to fit to a frame to optimize space on the label and avoid overlapping.

- **EPS and PDF support** - Support for .eps files (Encapsulated PostScript) is in vector format (no longer supported through reading the BITMAP preview as it was previously). Note: This feature relies on a GhostScript freeware component that needs to be installed. For compatibility, if the GhostScript is not installed, the BITMAP header, if existent, will be imported as it was in previous versions.  
NOTE: GhostScript 32bits is required.
- **Click Print** - New easy-to-use printing interface for Print-only users.
- **New Barcodes** - Micro QRCode, ISBT128 Wizard, Kix Code, Japanese post, Australian post, Telepen, and Code 1.
- **Pocket Printing** - This add-on allows printing with Windows Mobile devices.
- **Control Variables**  
@APPROVED control variable is used to indicate whether or not the document is approved.  
@VALIDFORPRINT control variable is used to indicate if the document is valid for printing.  
Both control variables can be used to prevent unapproved printing.

## Version 9

### New Features and enhancements

- **New software protection (v9.10.00)** - New software protection method has been implemented.
- **Data sources categories (v9.00.02)** - Data sources can now be organized in sub-categories at a display level (Data Sources View).
- **Autocad Files (v9.00.02)** - CODESOFT provides support for Autocad files up to version 2010.
- **Full clipping mode (v9.00.02)** - This new document setting allows graphic Text and Barcodes to be clipped when positioned partially outside of the label.
- **Modulo 16 check digit (v9.00.02)** - Modulo 16 check digit is now available for CODABAR and as a formula.
- **Database Manager – default printer (v9.00.02)** - A default option for printer selection allows you to use the printer defined in the document.
- **Report and form capabilities (v9.00.01)** - ListField capabilities are extended to support report printing (see ListField sample for more information). Word wrapping inside a cell is now possible using < BR > sequence. The ListField is now able to generate multiple labels at print time if data does not fit on a single page. This option is called Manage Multiple Pages. Table Lookup can now return multiple records.
- **HIBC wizard update (9.00.01)** - HIBC wizard has been updated to support HIBC Specification, Rev. 2.3.
- **“Load Printer saved in document” setting updated (v9.00.01)** - CODESOFT now searches for the printer with exactly the same name specified in the application. If this printer is not found, the application searches for the printer with the same model name, which is consistent with version 9.00.00 and previous.
- **Tracking Report (v9.00.01)** - The Tracking Report is now accessible in the ActiveX interface.

- **Improved toolbars (v9.00.00)** - CODESOFT toolbars have been redesigned to simplify basic tasks (such as object creation).
- **User interface enhancements (v9.00.00)** - The user interface has been updated to be more consistent with the look and feel of Microsoft Office.
- **New wizards (v9.00.00)** - Wizards have been added for Database, Table Lookup, and Formula creation. Enhancements to existing wizards provide graphical assistance in creating new labels and accessing data from LABEL ARCHIVE.
- **Simplified installation (v9.00.00)** - When installing CODESOFT 9, the user will no longer be required to select a product range. Installation of add-ons and tools is now integrated in the main install, which eliminates the need to perform separate processes for these elements.
- **Graphical query builder (v9.00.00)** - A new SQL Query builder simplifies the creation of simple and complex database queries.
- **Label Comparator (v9.00.00)** - The Label Comparator allows users to compare two versions of the same label, either draft versions or production and test versions.
- **Filler view (v9.00.00)** - The Filler form is now available in a separate view. This allows you to have both the label design and the Filler form open simultaneously.
- **GS1 Databar access (v9.00.00)** - The GS1 Databar is now accessible from the GS1 wizard.
- **HIBC wizard (v9.00.00)** - A wizard has been added for HIBC.
- **DotNet wrapper (v9.00.00)** - This component allows easy integration of CODESOFT with .NET technology (C# or VB.NET).
- **Folders reorganization (v9.00.00)** - Here is the description of the new reorganization of the folder structure:

Samples & Tutorial	
Sample Labels	<SharedDocuments>\Teklynx\CODESOFT 9\Sample\Labels
Sample Forms	<SharedDocuments>\Teklynx\CODESOFT 9\Sample\Forms
Sample Compliance	<SharedDocuments>\Teklynx\CODESOFT 9\Sample\Compliance
Integration (ActiveX Samples)	<SharedDocuments>\Teklynx\CODESOFT 9\Integration
Common files	
Data files (including databases)	<SharedDocuments>\Teklynx\CODESOFT 9\Data
Describers	<SharedDocuments>\Teklynx\CODESOFT 9\DSC
Specific Formulas	<SharedDocuments>\Teklynx\CODESOFT 9\Formulas
Image Gallery	<SharedDocuments>\Teklynx\CODESOFT 9\Galleries
Images	<SharedDocuments>\Teklynx\CODESOFT 9\Images
Patterns	<SharedDocuments>\Teklynx\CODESOFT 9\Patterns
Queries	<SharedDocuments>\Teklynx\CODESOFT 9\Query
Shapes	<SharedDocuments>\Teklynx\CODESOFT 9\Shapes

Print files	<SharedDocuments>\Teklynx\CODESOFT 9\Print
Application configuration files	Files created by the application and its tools/add-ons:
Shared variables files	<CommonAppData>\Teklynx\CODESOFT 9\Globvar
Network printers settings	<CommonAppData>\Teklynx\CODESOFT 9\Printers
Config files (Cs.ini, user.ini)	<CommonAppData>\Teklynx\CODESOFT 9\

## Version 8.5

### New Features and enhancements

- **New OCX Field (v8.51.02)** - This new object type allows you to use 3rd-party OCX components inside your label.
- **New Formulas (v8.51.02)** - New formulas are now available: Week (calculates week number - ISO8601), Extract (extracts string from a string), ReplaceString (replaces string occurrence(s) with another string)
- **Space correction for Datamatrix (v8.51.02)** - This option allows you to provide space correction between barcode elements. This can be useful for inkjet printers.
- **New barcode symbologies (v8.51.01)** - Chinese sensible code. ITF14 supports more options for lines or boxes that surround the code.
- **New GHS pictograms (v8.51.01)** - New pictograms based on GHS normalization are added to the Image Gallery.
- **New Compliance labels (v8.51.01)** - New compliance labels are provided in different areas, such as Retail, Shipping, Healthcare, and Automotive.
- **New barcode symbologies (v8.51)** - Code 49, Intelligent Mail (USPS 4 State), ISBN 13, and RSS expanded stacked.
- **New Formulas (v8.51)** - New formulas are now available to allow calculation of the "Best before date" and "Expiration date" at print time: BestBefore, DateValue, DateOffset.
- **Database loops (v8.51)** - It is now possible to specify the number of times a set of records should be printed when using a database.
- **Refresh table lookup at print time option (v8.51)** - The Refresh table lookup at print time option allows the system to reevaluate Table Lookup fields in a document at print time to ensure the most current information is used.
- **Silent installation (v8.51)** - CODESOFT installation can be run in Silent mode, using the basic command line "<Path>\Setup.exe" /s /v"/qn INSTALLLEVEL=150". This command installs CODESOFT in English in the default folder with all features. For additional parameters, refer to the TEKLYNX web site or the online help.
- **Pre-requisite installation (v8.51)** - CODESOFT pre-requisite (.NET framework 2.0 SP1, MDAC 2.8,

Adobe Acrobat Reader 8) are now automatically installed if necessary.

- **Guides (v8.51)** - Quick Start Guide and Administrator's guide are now directly accessible from the Help menu.
- **Label Background with image (v8.50.07)** - A new Extended tab in Document Properties allows you to define a background. The user can select an image and different options to define the background that applies to the current label.
- **OCX Component (v8.50.07)** - A new OCX control named "Labeling Manager control" is provided. This allows easy integration in Microsoft Office applications.
- **Resolution independent (v8.50.05)** - Allows you to design labels that will be printed identically on different printers (office or thermal printers). To access to this option, use the command: File > Properties > Preview.
- **New User interface language (v8.50.05)** - The Romanian language is now available for the User Interface.
- **Requery button (v8.50.05)** - A Requery button has been added in the Query result dialog box. This command runs the query and updates the grid.
- **Windows graphical emulation (v8.50.04)** - Enables you to standardize printing of your labels regardless of the selected printer (Thermal printers or Windows printers). To access to this option, use the command: File > Properties > Preview.
- **Wizard Upgrade tool (v8.50.02)** - This tool eases update from CODESOFT 8 to CODESOFT 8.5. It allows you to transfer the settings and files from the previous version to the new one. You can launch it from C:\Program Files\TKI\8\Common\Tools\WizardUpgrade\UpgradeWizard.exe.
- **New Wizards (v8.50)** - New wizards ease the creation of:
  - Documents
  - Objects like Text, Barcode, and Image
  - Variables like Counter, Form, Free, and Date

The wizards can be individually activated and deactivated.

- **Enhanced menu look and feel (v8.50)** - A new look and feel for menus is now available. This is similar to what is available in Office 2003. Two themes are available.
- **Enhanced Open dialog box (v8.50)** - The new open look and feel for the Open dialog box is used. This provides the left toolbar icons with direct access to some pre-defined folders.
- **Enhanced Print dialog box (v8.50)** - The Print dialog box now proposes several tabs when expanded. This will allow you to check, based on current print settings (number of labels and pages), if the printing is optimized using the "Performance" tab.
- **Text Vertical alignment (v8.50)** - This option allows defining a Vertical alignment for text paragraph. This option is only available with the "Fit to frame" option.
- **Text on any angle (v8.50)** - In the Shape Settings tab, the Shape option "Polyline" allows the user to select any kind of shape. This option can be very useful in conjunction with Text Art to align text on any angle.
- **Label Background definition (v8.50)** - It is now possible to select a label background without having to use a name based on the stock type/name. A new "Background" combo box allows you to select the EMF/WMF file that will be used as label

background. The EMF/WMF files need to be published in the C:\Program Files\TKI\8\Common\LFM directory.

- **Network licensing (v8.50)** - A new range is available through network licensing: Runtime. For License Manager, the Shared folder is changed. On Vista, you must share "c:\Programdata\TKI\LicenseManager\TkDongle" as "TkDongle". On the other systems, you must share "C:\Documents and Settings\All Users\Application Data\TKI\LicenseManager\TkDongle" as "TkDongle".
- **Superimposing (v8.10)** - An optional feature allows you to superimpose objects to preserve the readability or physical space on the label. This feature is useful when using a barcode, to prevent any other object from being overlaid on top of it. This feature can be accessed by going to the General tab of the object properties.
- **Norm GS1 (v8.10)** - Choosing to use the GS1 norm enables barcode verifications according to GS1 (Formerly EAN) recommendations. This new option is available in the Tools \ Options dialog box (Other tab). When the option is enabled, it will check that the barcodes conform to the different requirements of the GS1 normalization, such as narrow bar size, check digit, human readable, and so on.
- **RFID (v8.10)** - A new RFID button, available on the toolbar, provides a direct link to the RFID settings.
- **TKTEXTIL.TTF (v8.10)** - New symbols have been added in TKTEXTIL.TTF to fulfill the COFREET requirements. Refer to the TKTextil.lab sample file for additional information.
- **Database Manager (v8.10)** - The User Interface of the Database Manager has been improved, making it more intuitive and easy to use.
  - The general user interface has been refreshed to give it a better look and feel.
  - New menu entry "File\Open" allows the user to directly open a basic database file (Access, Excel, dBase).
  - It is now possible to "duplicate record(s)" by right-clicking on selected records.
  - More feedback is provided to the user when operations cannot be performed due to limited user rights or compliance with database structure.
  - It is possible to limit the Database Manager features by modifying the file C:\Program Files\TKI\8\Common\Tools\DMAN\ProductSettings.cfg. Only advanced users should attempt this.
  - It is now possible to customize the display font.
- **Print by printer resolution (v8.10)** - Uses an algorithm independent to the paper format, to send only the positions and sizes linked to the Windows printer resolution. The current print algorithm adjusts object size and position when you switch, for instance, from a A4 page to Letter page (on a Windows printer). This is similar to the method used in Microsoft Word, and the advantage is that the objects are adjusted at print time so that everything fits on the page/label. The new print algorithm only uses the printer resolution, which means that the object's position and size are fixed, but at print time, you may notice that some objects are outside of the page/label or partially cut.
- **ActiveX (v8.10)** - VC++ and C# ActiveX samples available on CD have been updated to demonstrate how to use Events.

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## New Device Support

The following devices and their associated drivers have been added in this version:

### New devices in version 2019.00

Manufacturer	Model	
CARL VALENTIN	Compa II 103/8T Compa II 104/8 Compa II 106/12 Compa II 108/12T Compa II 162/12 Compa II 162/12T DuoPrint 107/12 DuoPrint 160/12 Pica II 103/8T Pica II 104/8 Pica II 106/12 Pica II 108/12T	Spectra II 103/8 Spectra II 104/8 Spectra II 106/12 Spectra II 106/24 Spectra II 107/12 Spectra II 108/12 Spectra II 160/12 Spectra II 162/12 Spectra II 216/12 Vita II 103/8T Vita II 104/8 Vita II 106/12 Vita II 108/12T
CITIZEN	Citizen CL-E300 Citizen CL-E300z Citizen CL-E303 Citizen CL-E303z Citizen CL-E321 Citizen CL-E321z Citizen CL-E331 Citizen CL-E331z	
PRINTRONIX	Printronix T820 (PGL) (RFID) Printronix T830 (PGL) (RFID)	
SATO	Sato FX3-LX DT305-Ad Sato FX3-LX DT305-Ln	
TIFLEX	Tiflex Generic	

### New devices in version 2018.01

Manufacturer	Model	
ALFAService	ALFAService XP1 1000HD ALFAService XP1 1000XD ALFAService XP1 2000HD ALFAService XP1 2000XD	ALFAService XP1 7000HD ALFAService XP1 7000XD ALFAService XP1 8000HD ALFAService XP1 8000XD

	ALFAService XP1 3000HD ALFAService XP1 3000XD ALFAService XP1 4000HD ALFAService XP1 4000XD ALFAService XP1 5000HD ALFAService XP1 5000XD ALFAService XP1 6000HD ALFAService XP1 6000XD	ALFAService XP2 1000XD ALFAService XP2 2000XD ALFAService XP2 3000XD ALFAService XP2 4000XD ALFAService XP2 5000XD ALFAService XP2 6000XD ALFAService XP2 7000XD ALFAService XP2 8000XD
BRADY	Brady I7100-300 Brady I7100-600 Brady I7100-300 P Brady I7100-600 P	
CAB Mach Series	Mach 4S/300B Mach 4S/300C Mach 4S/300P Mach 4S/600B Mach 4S/600C Mach 4S/600P	Mach 4.3S/200B Mach 4.3S/200C Mach 4.3S/200P Mach 4.3S/300B Mach 4.3S/300C Mach 4.3S/300P
FlexPackPRO	FlexPackPRO 130Aei FlexPackPRO 130i FlexPackPRO 130i-hp FlexPackPRO 130c FlexPackPRO 130c-hp FlexPackPRO 130c*250 FlexPackPRO 130c*500 FlexPackPRO 210Aei FlexPackPRO 210e FlexPackPRO 210i FlexPackPRO 210i*125	FlexPackPRO 210c FlexPackPRO 210c*250 FlexPackPRO 210c*500 FlexPackPRO 420i FlexPackPRO 420i*125 FlexPackPRO 420c FlexPackPRO 420c*250 FlexPackPRO 130TRS FlexPackPRO 210TRS FlexPackPRO 420TRS
Gprinter	Gprinter GP-9034Z Gprinter GP-9134Z Gprinter GP-9234Z Gprinter GP-9035Z Gprinter GP-9135Z Gprinter GP-9235Z Gprinter S-Z3301 Gprinter S-Z3302 Gprinter S-Z3311 Gprinter S-Z3312 Gprinter S-Z3321 Gprinter S-Z3322 Gprinter S-Z3331 Gprinter S-Z3332 Gprinter S-Z3341 Gprinter S-Z3342 Gprinter S-Z3351	Gprinter S-Z4351D Gprinter S-Z4352D Gprinter GP-9025Z Gprinter GP-9125Z Gprinter GP-9225Z Gprinter GP-9026Z Gprinter GP-9126Z Gprinter GP-9226Z Gprinter S-Z3201 Gprinter S-Z3202 Gprinter S-Z3211 Gprinter S-Z3212 Gprinter S-Z3221 Gprinter S-Z3222 Gprinter S-Z3231 Gprinter S-Z3232 Gprinter S-Z3241

Gprinter S-Z3352  
Gprinter GP-1134Z  
Gprinter GP-1234Z  
Gprinter GP-1334Z  
Gprinter GP-1135Z  
Gprinter GP-1235Z  
Gprinter GP-1335Z  
Gprinter S-Z4301  
Gprinter S-Z4302  
Gprinter S-Z4311  
Gprinter S-Z4312  
Gprinter S-Z4321  
Gprinter S-Z4322  
Gprinter S-Z4331  
Gprinter S-Z4332  
Gprinter S-Z4341  
Gprinter S-Z4342  
Gprinter S-Z4351  
Gprinter S-Z4352  
Gprinter GP-9034ZD  
Gprinter GP-9134ZD  
Gprinter GP-9234ZD  
Gprinter GP-9035ZD  
Gprinter GP-9135ZD  
Gprinter GP-9235ZD  
Gprinter S-Z3301D  
Gprinter S-Z3302D  
Gprinter S-Z3311D  
Gprinter S-Z3312D  
Gprinter S-Z3321D  
Gprinter S-Z3322D  
Gprinter S-Z3331D  
Gprinter S-Z3332D  
Gprinter S-Z3341D  
Gprinter S-Z3342D  
Gprinter S-Z3351D  
Gprinter S-Z3352D  
Gprinter GP-1134ZD  
Gprinter GP-1234ZD  
Gprinter GP-1334ZD  
Gprinter GP-1135ZD  
Gprinter GP-1235ZD  
Gprinter GP-1335ZD  
Gprinter S-Z4301D  
Gprinter S-Z4302D  
Gprinter S-Z4311D  
Gprinter S-Z4312D  
Gprinter S-Z4321D

Gprinter S-Z3242  
Gprinter S-Z3251  
Gprinter S-Z3252  
Gprinter GP-1124Z  
Gprinter GP-1224Z  
Gprinter GP-1324Z  
Gprinter GP-1125Z  
Gprinter GP-1225Z  
Gprinter GP-1325Z  
Gprinter S-Z4201  
Gprinter S-Z4202  
Gprinter S-Z4211  
Gprinter S-Z4212  
Gprinter S-Z4221  
Gprinter S-Z4222  
Gprinter S-Z4231  
Gprinter S-Z4232  
Gprinter S-Z4241  
Gprinter S-Z4242  
Gprinter S-Z4251  
Gprinter S-Z4252  
Gprinter GP-1124ZD  
Gprinter GP-1125ZD  
Gprinter GP-1224ZD  
Gprinter GP-1225ZD  
Gprinter GP-1324ZD  
Gprinter GP-1325ZD  
Gprinter GP-3120Z  
Gprinter GP-3120ZL  
Gprinter GP-3120ZU  
Gprinter GP-3150Z  
Gprinter GP-4120Z  
Gprinter GP-4150Z  
Gprinter GP-9025ZD  
Gprinter GP-9026ZD  
Gprinter GP-9125ZD  
Gprinter GP-9126ZD  
Gprinter GP-9225ZD  
Gprinter GP-9226ZD  
Gprinter S-Z3201D  
Gprinter S-Z3202D  
Gprinter S-Z3211D  
Gprinter S-Z3212D  
Gprinter S-Z3221D  
Gprinter S-Z3222D  
Gprinter S-Z3231D  
Gprinter S-Z3232D  
Gprinter S-Z3241D

	Gprinter S-Z4322D Gprinter S-Z4331D Gprinter S-Z4332D Gprinter S-Z4341D Gprinter S-Z4342D	Gprinter S-Z3242D Gprinter S-Z3251D Gprinter S-Z3252D
GYSSCODING	GYSSCODING GYSS 3240 i GYSSCODING GYSS 3250 i GYSSCODING GYSS 3270 i GYSSCODING GYSS 3250 c GYSSCODING GYSS 3270 c GYSSCODING GYSS 32250 c GYSSCODING GYSS 32500 c GYSSCODING GYSS 5340 i GYSSCODING GYSS 5350 i GYSSCODING GYSS 5370 i GYSSCODING GYSS 5325 i	GYSSCODING GYSS 5370 c GYSSCODING GYSS 53250 c GYSSCODING GYSS 53500 c GYSSCODING GYSS 1075 i GYSSCODING GYSS 1125 i GYSSCODING GYSS 1125 c GYSSCODING GYSS 10250 c GYSSCODING GYSS TR 32 GYSSCODING GYSS TR 53 GYSSCODING GYSS TR 107
HONEYWELL	Honeywell A-4212 (LH) Mark II Honeywell A-4212 (RH) Mark II Honeywell A-4310 (LH) Mark II Honeywell A-4310 (RH) Mark II Honeywell A-4408 (LH) Mark II Honeywell A-4408 (RH) Mark II	Honeywell A-4606 (LH) Mark II Honeywell A-4606 (RH) Mark II Honeywell A-6212 (LH) Mark II Honeywell A-6212 (RH) Mark II Honeywell A-6310 (LH) Mark II Honeywell A-6310 (RH) Mark II
LOGOPAK	Logomatic 8D-2Colors Logomatic 12D-2Colors	
PRINTRONIX	Printronix T6204 (PGL) (RFID) Printronix T6206 (PGL) (RFID) Printronix T6304 (PGL) (RFID) Printronix T6306 (PGL) (RFID)	
Savema	Savema SVM 32*40 I Savema SVM 32*50 I Savema SVM 32x70 I – Cassette Savema SVM 32 C Savema SVM 32 C – Cassette Savema SVM 32*250 C Savema SVM 32*500 C Savema SVM 53*40 I Savema SVM 53*50 I Savema SVM 53*70 I Savema SVM 53*125 I Savema SVM 53 C Savema SVM 53*250 C Savema SVM 53*500 C	Savema SVM 107*75 I Savema SVM 107*125 I Savema SVM 107 C Savema SVM 107*250 C Savema SVM TR32 Savema SVM TR53 Savema SVM TR107 Savema SVM 24 (203dpi) Savema SVM 32 (203dpi) Savema SVM 54 (203dpi) Savema SVM 108 (203dpi) Savema SVM 168 (203dpi)
VIDEOJET	DataFlex 6330 53mm Intermittent DataFlex 6330 53mm Continuous DataFlex 6530 53mm Intermittent	

	DataFlex 6530 53mm Continuous Videojet VJ8520	
ZEBRA	Zebra iMZ220 ZPL Zebra iMZ320 ZPL Zebra ZQ510 ZPL Zebra ZQ520 ZPL Zebra QLn220 ZPL Zebra QLn320 ZPL Zebra ZD620 ZPL (203dpi) Zebra ZD620 ZPL (300dpi) Zebra ZD420 ZPL (203dpi) Zebra ZD420 ZPL (300dpi)	Zebra ZQ310 ZPL Zebra ZQ320 ZPL Zebra QLn220 EPL Zebra QLn320 EPL Zebra QLn420 EPL Zebra ZD420 EPL (203dpi) Zebra ZD420 EPL (300dpi) Zebra ZD620 EPL (203dpi) Zebra ZD620 EPL (300dpi)

## New devices in version 2018.00

Manufacturer	Model	
AVERY	Avery ADTP1 (203dpi) RFID Avery ADTP1 (300dpi) RFID Avery ALX 734 Avery ALX 735 Avery ALX 736	
CAB SQUIX Series	SQUIX 2 (300 dpi) SQUIX 2 (600 dpi) SQUIX 2 P (300 dpi) SQUIX 2 P (600 dpi) SQUIX 4 (300 dpi) SQUIX 4 (600 dpi) SQUIX 4 M (300 dpi) SQUIX 4 M (600 dpi) SQUIX 4 MP (300 dpi) SQUIX 4 MP (600 dpi) SQUIX 4 MT (300 dpi) SQUIX 4 MT (600 dpi)	SQUIX 4 P (300 dpi) SQUIX 4 P (600 dpi) SQUIX 4.3 (200dpi) SQUIX 4.3 (300 dpi) SQUIX 4.3 M (200 dpi) SQUIX 4.3 M (300 dpi) SQUIX 4.3 MP (200 dpi) SQUIX 4.3 MP (300 dpi) SQUIX 4.3 P (200 dpi) SQUIX 4.3 P (300 dpi) SQUIX 6 (200 dpi) SQUIX 6 (300 dpi) SQUIX 6 P (200 dpi) SQUIX 6 P (300 dpi)
DOMINO	Domino G130i Domino G220i Domino G230i Domino G320i Domino V120i 32mm CM Domino V120i 32mm IM Domino V230i 32mm CM Domino V230i 32mm IM	Domino V230i 53mm CM Domino V230i 53mm IM Domino V320i 128mm CM Domino V320i 128mm IM Domino V320i 53mm CM Domino V320i 53mm IM
EPSON	EPSON ColorWorks C7500 EPSON ColorWorks C7500G	

	EPSON ColorWorks C7500GE	
EUCLID	EUCLID 2" EUCLID 4"	
HONEYWELL	<p>Honeywell A-4212 (LH) Mark II  Honeywell A-4212 (RH) Mark II  Honeywell A-4310 (LH) Mark II  Honeywell A-4310 (RH) Mark II  Honeywell A-4408 (LH) Mark II  Honeywell A-4408 (RH) Mark II  Honeywell A-4606 (LH) Mark II  Honeywell A-4606 (RH) Mark II  Honeywell A-6212 (LH) Mark II  Honeywell A-6212 (RH) Mark II  Honeywell A-6310 (LH) Mark II  Honeywell A-6310 (RH) Mark II  Honeywell E-4204 Basic Mark III  Honeywell E-4205 Advanced Mark III  Honeywell E-4206 Professional Mark III  Honeywell E-4304 Basic Mark III  Honeywell E-4305 Advanced Mark III  Honeywell E-4306 Professional Mark III  Honeywell H-4212  Honeywell H-4212X  Honeywell H-4310  Honeywell H-4310X  Honeywell H-4408  Honeywell H-4606  Honeywell H-4606X  Honeywell H-6210  Honeywell H-6212X  Honeywell H-6308  Honeywell H-6310X  Honeywell H-8308X  Honeywell I-4212e Mark II  Honeywell I-4310e Mark II  Honeywell I-4606e Mark II  Honeywell M-4206 Mark II  Honeywell M-4210 Mark II  Honeywell M-4308 Mark II  Honeywell PC23d ESIm (203dpi)  Honeywell PC23d ESIm (300dpi)  Honeywell PC43d ESIm (203dpi)  Honeywell PC43d ESIm (300dpi)  Honeywell PC43t ESIm (203dpi)  Honeywell PC43t ESIm (300dpi)  Honeywell PB21 IPL mode (203dpi)  Honeywell PB22 IPL mode (203dpi)</p>	<p>Honeywell PM43c IPL mode (203dpi)  Honeywell PM43c IPL mode (300dpi)  Honeywell PM43c IPL mode (406dpi)  Honeywell PX4i IPL mode (203dpi)  Honeywell PX4i IPL mode (300dpi)  Honeywell PX4i IPL mode (406dpi)  Honeywell PX6i IPL mode (203dpi)  Honeywell PX6i IPL mode (300dpi)  Honeywell PB21 FP mode (203dpi)  Honeywell PB22 FP mode (203dpi)  Honeywell PB31 FP mode (203dpi)  Honeywell PB32 FP mode (203dpi)  Honeywell PB50 FP mode (203dpi)  Honeywell PB51 FP mode (203dpi)  Honeywell PC23d FP mode (203dpi)  Honeywell PC23d FP mode (300dpi)  Honeywell PC43d FP mode (203dpi)  Honeywell PC43d FP mode (300dpi)  Honeywell PC43t FP mode (203dpi)  Honeywell PC43t FP mode (300dpi)  Honeywell PM43 FP mode (203dpi)  Honeywell PM43 FP mode (300dpi)  Honeywell PM43 FP mode (406dpi)  Honeywell PM43c FP mode (203dpi)  Honeywell PM43c FP mode (300dpi)  Honeywell PM43c FP mode (406dpi)  Honeywell PX4i FP mode (203dpi)  Honeywell PX4i FP mode (300dpi)  Honeywell PX4i FP mode (406dpi)  Honeywell PX6i FP mode (203dpi)  Honeywell PX6i FP mode (300dpi)  Honeywell PB21 DP mode (203dpi)  Honeywell PB22 DP mode (203dpi)  Honeywell PB31 DP mode (203dpi)  Honeywell PB32 DP mode (203dpi)  Honeywell PB50 DP mode (203dpi)  Honeywell PB51 DP mode (203dpi)  Honeywell PC23d DP mode (203dpi)  Honeywell PC23d DP mode (300dpi)  Honeywell PC43d DP mode (203dpi)  Honeywell PC43d DP mode (300dpi)  Honeywell PC43t DP mode (203dpi)  Honeywell PC43t DP mode (300dpi)  Honeywell PM43 DP mode (203dpi)</p>

	<p>Honeywell PB31 IPL mode (203dpi)  Honeywell PB32 IPL mode (203dpi)  Honeywell PB50 IPL mode (203dpi)  Honeywell PB51 IPL mode (203dpi)  Honeywell PC23d IPL mode (203dpi)  Honeywell PC23d IPL mode (300dpi)  Honeywell PC43d IPL mode (203dpi)  Honeywell PC43d IPL mode (300dpi)  Honeywell PC43t IPL mode (203dpi)  Honeywell PC43t IPL mode (300dpi)  Honeywell PM43 IPL mode (203dpi)  Honeywell PM43 IPL mode (300dpi)  Honeywell PM43 IPL mode (406dpi)</p>	<p>Honeywell PM43 DP mode (300dpi)  Honeywell PM43 DP mode (406dpi)  Honeywell PM43c DP mode (203dpi)  Honeywell PM43c DP mode (300dpi)  Honeywell PM43c DP mode (406dpi)  Honeywell PX4i DP mode (203dpi)  Honeywell PX4i DP mode (300dpi)  Honeywell PX4i DP mode (406dpi)  Honeywell PX6i DP mode (203dpi)  Honeywell PX6i DP mode (300dpi)</p>
MARKOPRINT	<p>X1Jet XR  X2Jet XR  X4Jet XR</p>	
NOVEXX Solutions	<p>NOVEXX Solutions 64-04  NOVEXX Solutions 64-05  NOVEXX Solutions 64-05 RFID  NOVEXX Solutions 64-06  NOVEXX Solutions 64-08  NOVEXX Solutions ALX 734 PMA  NOVEXX Solutions ALX 735 PMA  NOVEXX Solutions ALX 736 PMA  NOVEXX Solutions ALX 924  NOVEXX Solutions ALX 925  NOVEXX Solutions ALX 926  NOVEXX Solutions AP 4.4</p>	<p>NOVEXX Solutions AP 5.4 200dpi  NOVEXX Solutions AP 5.4 300dpi  NOVEXX Solutions AP 5.6 200dpi  NOVEXX Solutions AP 5.6 300dpi  NOVEXX Solutions DPM – 04  NOVEXX Solutions DPM – 05  NOVEXX Solutions DPM – 06  NOVEXX Solutions XLP 504 200dpi  NOVEXX Solutions XLP 504 300dpi  NOVEXX Solutions XLP 504 600dpi  NOVEXX Solutions XTP804</p>
PRINTRONIX	<p>Printronix T6204 (VGL)  Printronix T6206 (VGL)  Printronix T6304 (VGL)  Printronix T6306 (VGL)</p>	<p>Printronix T8204 (VGL)  Printronix T8206 (VGL)  Printronix T8208 (VGL)  Printronix T8304 (VGL)  Printronix T8306 (VGL)  Printronix T8308 (VGL)</p>
SATO	<p>Sato M 8465SE (LH)  Sato M 8465SE (RH)  Sato PW208mNX  Sato PW208NX  Sato TXPXSX</p>	<p>Sato WS408 DT  Sato WS408 TT  Sato WS412 DT  Sato WS412 TT</p>
THERMOTEX	<p>A4+T (300dpi)  SQUIX 4 (600dpi)  SQUIX 6 (300dpi)  TT4-DT (300dpi)  TT4-MX (200dpi)  TT4-MX (300dpi)</p>	<p>TT4-SX (200dpi)  TT4-SX (300dpi)  TT4-SXM (300dpi)  TT4-SXT (300dpi)  TT5-L (200dpi)  TT5-L (300dpi)</p>

TOSHIBA	B-EX4T3-HS B-EX6 T1 (203 dpi) B-EX6 T1 (305 dpi) B-EX6 T3 (203 dpi) B-EX6 T3 (305 dpi)	
ZEBRA	Zebra ZQ310 Zebra ZQ320 Zebra ZQ510 Zebra ZQ520 Zebra ZT510 (203dpi) Zebra ZT510 (300dpi)	Zebra ZT610 (203dpi) Zebra ZT610 (300dpi) Zebra ZT610 (600dpi) Zebra ZT620 (203dpi) Zebra ZT620 (300dpi)

## New devices in version 2015.01

Manufacturer	Model	
Brady	Brady BBP12	
GODEX	Godex DT2 Godex DT2 GEPL Godex DT2 GZPL Godex DT2x Godex DT2x GEPL Godex DT2x GZPL Godex DT4 Godex DT4 GEPL Godex DT4 GZPL Godex DT4L Godex DT4L GEPL Godex DT4L GZPL Godex DT4x Godex DT4x GEPL Godex DT4x GZPL Godex G300 Godex G300 GEPL Godex G300 GZPL Godex G330 Godex G330 GEPL Godex G330 GZPL Godex G500 Godex G500 GEPL Godex G500 GZPL Godex G525 Godex G525 GEPL Godex G525 GZPL Godex G530 Godex G530 GEPL	Godex RT200 Godex RT200 GEPL Godex RT200 GZPL Godex RT200i Godex RT200i GEPL Godex RT200i GZPL Godex RT230 Godex RT230 GEPL Godex RT230 GZPL Godex RT230i Godex RT230i GEPL Godex RT230i GZPL Godex RT700 Godex RT700 GEPL Godex RT700 GZPL Godex RT700i Godex RT700i GEPL Godex RT700i GZPL Godex RT700x Godex RT700x GEPL Godex RT700x GZPL Godex RT730 Godex RT730 GEPL Godex RT730 GZPL Godex RT730i Godex RT730i GEPL Godex RT730i GZPL Godex RT730x Godex RT730x GEPL



	<p>Godex G530 GZPL  Godex G535  Godex G535 GEPL  Godex G535 GZPL  Godex MX20  Godex MX20 GEPL  Godex MX20 GZPL  Godex MX30  Godex MX30 GEPL  Godex MX30 GZPL  Godex MX30i  Godex MX30i GEPL  Godex MX30i GZPL</p>	<p>Godex RT730x GZPL  Godex ZX1200i  Godex ZX1200i GEPL  Godex ZX1200i GZPL  Godex ZX1300i  Godex ZX1300i GEPL  Godex ZX1300i GZPL  Godex ZX1600i  Godex ZX1600i GEPL  Godex ZX1600i GZPL</p>
<p>IMAJE</p>	<p>Markem-Imaje 5800  Markem-Imaje SmartDate 5 128mm Continuous  Markem-Imaje SmartDate 5 128mm Intermittent  Markem-Imaje SmartDate X40 32mm Continuous  Markem-Imaje SmartDate X40 32mm Intermittent  Markem-Imaje SmartDate X40 53mm Continuous  Markem-Imaje SmartDate X40 53mm Intermittent  Markem-Imaje SmartDate X60 128mm Continuous  Markem-Imaje SmartDate X60 128mm Intermittent  Markem-Imaje SmartDate X60 53mm Continuous  Markem-Imaje SmartDate X60 53mm Intermittent  Markem-Imaje SmartDate X60 53mm Shuttled Cont.</p>	
<p>INTERMEC DEFAULT</p>	<p>Intermec PD43 DP mode (203dpi)  Intermec PD43 DP mode (300dpi)  Intermec PD43 ESIm (203dpi)  Intermec PD43 ESIm (300dpi)  Intermec PD43 IPL mode (203dpi)  Intermec PD43 IPL mode (300dpi)  Intermec PD43c DP mode (203dpi)  Intermec PD43c DP mode (300dpi)  Intermec PD43c ESIm (203dpi)  Intermec PD43c ESIm (300dpi)  Intermec PD43c IPL mode (203dpi)  Intermec PD43c IPL mode (300dpi)</p>	
<p>INTERMEC FINGERPRINT</p>	<p>Intermec PD43 FP mode (203dpi)  Intermec PD43 FP mode (300dpi)  Intermec PD43c FP mode (203dpi)  Intermec PD43c FP mode (300dpi)</p>	
<p>MARKOPRINT</p>	<p>iJet  X1Jet HP  X1Jet LX  X1Jet MX  X2Jet</p>	

	X4Jet X4Jet Plus XB4Jet	
PRINTRONIX	Printronix T8204 (PGL) Printronix T8206 (PGL) Printronix T8208 (PGL) Printronix T8304 (PGL) Printronix T8306 (PGL) Printronix T8308 (PGL)	
TSC	TSC DA200 TSC DA300 TSC TC200 TSC TC210 TSC TC300 TSC TC310	TSC TTP 2410MT TSC TTP 2410MU TSC TTP 2610MT TSC TTP 346MT TSC TTP 346MU TSC TTP 368MT TSC TTP 644MT TSC TTP 644MU
VIDEOJET	DataFlex 6320 32mm Continuous DataFlex 6320 32mm Intermittent DataFlex 6320 53mm Continuous DataFlex 6320 53mm Intermittent DataFlex 6420 107mm Continuous DataFlex 6420 107mm Intermittent DataFlex 6420 53mm Continuous DataFlex 6420 53mm Intermittent	
ZEBRA	Zebra GT800 ZPL (300dpi) Zebra ZD500R (203dpi) Zebra ZD500R (300dpi) Zebra ZE500R-4 LH (203dpi) Zebra ZE500R-4 LH (300dpi) Zebra ZE500R-4 RH (203dpi) Zebra ZE500R-4 RH (300dpi) Zebra ZE500R-6 LH (203dpi) Zebra ZE500R-6 LH (300dpi) Zebra ZE500R-6 RH (203dpi) Zebra ZE500R-6 RH (300dpi)	

## New devices in version 2015.00

Manufacturer	Model	
Automated Precision	Precision (203dpi) Precision (300dpi)	
BELL-MARK	BELL-MARK EP32c128 BELL-MARK EP32c53	BELL-MARK EPS32c128 BELL-MARK EPS32c53

	BELL-MARK EP32i128 BELL-MARK EP32i53 BELL-MARK EP32mlp128 BELL-MARK EP32mlp213 BELL-MARK EP32mlp53	BELL-MARK EPS32i128 BELL-MARK EPS32i53 BELL-MARK EPS32mlp128 BELL-MARK EPS32mlp213 BELL-MARK EPS32mlp53
EPSON	EPSON TM-C7500	
GODEX	Godex RT860i Godex RT860i GEPL Godex RT860i GZPL	
LOGOPAK	LOGOPAK Logomatic 8D LOGOPAK Logomatic 12D	
PRINTRONIX	Printronic M4L ZPL	
SATO	Sato CL4NX 203 dpi Sato CL4NX 305 dpi Sato CL4NX 609 dpi Sato S84-ex 203dpi Sato S84-ex 305dpi Sato S84-ex 609dpi	Sato S86-ex 203dpi Sato S86-ex 305dpi Sato CL6NX 203dpi Sato CL6NX 305 dpi
THERMOCODE	ThermoCode 107XL ThermoCode 32E	
TSC	TSC ME240 TSC ME340 TSC TDP 225W TSC TDP 244 TSC TTP 244M Pro TSC TTP 244ME Pro TSC TTP 342M Pro TSC TTP 342ME Pro TSC TTP 225 TSC TTP 2410M Pro TSC MX240 TSC MX340 TSC MX640 TSC TA200 TSC TA300 TSC TTP 246M Pro TSC TTP 323 TSC TTP 344M Pro TSC TTP 346M Pro TSC TTP 644M Pro TSC Alpha-3R TSC Alpha-4L TSC Alpha-2R TSC Alpha-4R	TSC TDP 245 PRO TSC TDP 245C TSC TDP 245M TSC TDP 342 TSC TDP 342M TSC TDP 343 TSC TDP 643 TSC TTP 243E TSC TTP 243M TSC TTP 244E TSC TTP 244M Plus TSC TTP 244ME TSC TTP 342 Plus TSC TTP 342E Pro TSC TTP 342M TSC TTP 343 TSC TTP 343E TSC TTP 343M TSC TTP 344 TSC TTP 344C TSC TTP 2410 TSC E200 TSC E300 TSC P200

	TSC MA240 TSC MA340 TSC MA640 TSC M23 TSC T-200 TSC T-200A TSC T-200E TSC T-300 TSC T-300A TSC T-300E TSC TDP 242 TSC TDP 243 TSC TDP 243E TSC TDP 243M TSC TDP 244CE TSC TDP 244ME	TSC P300 TSC TA210 TSC TA310 TSC TDP 324 TSC TDP 324W TSC Alpha_4R_W TSC MH200 TSC MH300 TSC MH600 TSC TTP 243 Plus TSC TTP 245 Pro TSC TTP 245M TSC TDP 246CJ TSC TX200 TSC TX300 TSC TX600
VIDEOJET	Videojet 9550 Videojet VJ8510 Videojet VJ8610 Videojet WSI 1510 Videojet WSI 1520 Videojet WSI 1610 Videojet WSI 1610 DH Videojet WSI 1620 Videojet WSI 1710	
ZEBRA	Zebra 105SL Plus (203dpi) Zebra 105SL Plus (300dpi) Zebra ZT220 EPL (203dpi) Zebra ZT220 EPL (300dpi) Zebra ZT230 EPL (203dpi) Zebra ZT230 EPL (300dpi) Zebra ZT410 ZPL (203dpi) Zebra ZT410 ZPL (300dpi) Zebra ZT410 ZPL (600dpi) Zebra ZT420 ZPL (203dpi) Zebra ZT420 ZPL (300dpi)	Zebra ZT410 ZPL (203dpi) RFID Zebra ZT410 ZPL (300dpi) RFID Zebra ZT410 ZPL (600dpi) RFID Zebra ZT420 ZPL (203dpi) RFID Zebra ZT420 ZPL (300dpi) RFID Zebra ZD500 (203dpi) Zebra ZD500 (300dpi) Zebra QLn420 Zebra QLn420 ZPL

## New devices in version 2014.00

Manufacturer	Model	
OPEN DATE	ThermoCode IQ 53	
ZEBRA	Zebra ZE500-4 LH (203dpi) Zebra ZE500-4 RH (203dpi) Zebra ZE500-4 LH (300dpi) Zebra ZE500-4 RH (300dpi)	Zebra ZE500-6 LH (203dpi) Zebra ZE500-6 RH (203dpi) Zebra ZE500-6 LH (300dpi) Zebra ZE500-6 RH (300dpi)

## New devices in version 2012.00

Manufacturer	Model	
ARGOX	Argox A-2240 PPLA Argox A-2240 PPLB Argox A-2240Z PPLZ Argox A-2240E PPLA Argox A-2240E PPLB Argox A-2240ZE PPLZ Argox A-3140 PPLA Argox A-3140 PPLB Argox A-3140Z PPLZ Argox CP-2140 PPLA Argox CP-2140 PPLB Argox CP-2140E PPLA Argox CP-2140E PPLB Argox CP-2140Z PPLZ Argox OS-2140Z PPLZ Argox OS-2140DZ PPLZ Argox OS-2140 PPLA Argox OS-2140 PPLB Argox OS-2140D PPLA Argox OS-2140D PPLB Argox AME-3230 PPLZ Argox AME-3230B PPLZ Argox AME-3230W PPLZ Argox CP-3140 PPLA Argox CP-3140 PPLB	Argox CP-3140E PPLA Argox CP-3140E PPLB Argox OS-2130D PPLA Argox OS-2130D PPLB Argox OS-2130DE PPLA Argox OS-2130DE PPLB Argox R-400plus PPLZ Argox X-2000V Zip PPLZ Argox OS-214plus PPLA Argox OS-214plus PPLB Argox X-2300ZE PPLZ Argox X-2300E PPLA Argox X-2300E PPLB Argox X-1000VL PPLA Argox X-1000VL PPLB Argox X-2000V PPLA Argox X-2000V PPLB Argox X-3200 PPLA Argox X-3200 PPLB Argox X-3200E PPLA Argox X-3200E PPLB Argox X-3200ZE PPLZ Argox X-3200Z PPLZ
BRADY	Brady BBP72 Brady BBP16	
CARL VALENTIN	Dynacode 128/12i Dynacode 128/12c Flexicode 53/12	
DATAMAX-O'NEIL	Datamax-O'Neil I-4212e Mark II Datamax-O'Neil I-4310e Mark II Datamax-O'Neil I-4606e Mark II Datamax-O'Neil RL3	
ITW BETAPRINT	Betaprint 53LT Continuous Betaprint 53LT Intermitent Betaprint 53XL	
KBA-METRONIC	ttPRINT 107c ttPRINT 107i ttPRINT 128c ttPRINT 128i	ttPRINT ML 107 ttPRINT ML 128 ttPRINT ML 53 ttPRINT XS

	ttPRINT 53c ttPRINT 53i	
SATO	Sato GZ 412e Sato HR 212 Sato HR 224 Sato CZ 408 Sato CZ 412	
TOSHIBA	B-EV4D GS B-EV4D TS B-EV4T GS B-EV4T TS	B-EX4T2-GS B-EX4T2-TS B-EX4T2-HS
TSC	TSC TTP 268M TSC TTP 366M	
ZEBRA	Zebra R110Xi4 (300dpi) Zebra R110Xi4 (600dpi) Zebra ZT220 ZPL (203dpi) Zebra ZT230 ZPL (300dpi) Zebra GT800 ZPL (203dpi) Zebra GT800 EPL (203dpi)	Zebra GC420d ZPL (203dpi) Zebra GC420t ZPL (203dpi) Zebra GC420d EPL (203dpi) Zebra GC420t EPL (203dpi)

## New devices in version 10.00.00

Manufacturer	Model	
BRADY	Brady BBP11 24L Brady BBP11 34L	
CAB EOS	EOS1 (200dpi) EOS1 (300dpi) EOS4 (200dpi) EOS4 (300dpi)	
DATAMAX-O'NEIL	Datamax-O'Neil I-4212e Mark II Datamax-O'Neil I-4310e Mark II Datamax-O'Neil I-4606e Mark II Datamax-O'Neil RL3	
ES TECHNO	ESCODE ESFLY ESPRINT	
LEGI	LEGI700-M4308-2 LEGI-812 LEGI-813 LEGI-816	LEGI-876M+ EUROPE 203 LEGI-876M+ EUROPE 300 LEGI-876M+ R LEGI-887 (203dpi) LEGI-887 (300dpi)

POSTEK	Postek TX2 PPLZ (200dpi) Postek TX2e PPLZ (200dpi) Postek TX200+ PPLZ (200dpi) Postek TX3 PPLZ (300dpi) Postek TX3e PPLZ (300dpi) Postek TX300+ PPLZ (300dpi) Postek TX6 PPLZ (600dpi) Postek TX6e PPLZ (600dpi) Postek TX600+ PPLZ (600dpi) Postek TX200+ Postek TZ2 Postek TZ2e Postek TZ2 lite Postek TC200i Postek X4000 Postek TX300+ Postek TZ3 Postek TZ3e Postek TZ3 lite Postek TC300i Postek X6000 Postek C168 200e Postek C168 200i Postek C168 200s Postek C168 300e Postek C168 300i Postek C168 300s Postek G-2108e Postek G-2108i	Postek G-200D Postek G-3106e Postek G-3106i Postek G-300D Postek I200 Postek I200e Postek I4208 Postek I300 Postek I300e Postek I4306 Postek Q8/200 Postek Q8/200i Postek Q8/300 Postek Q8/300i Postek T2 Postek T3 Postek V6 Postek G-2108+ Postek G-3106+ Postek C168 200+ Postek C168 300+ Postek TX6 Postek TX6e Postek TX600+ Postek TZ6 Postek TZ6e Postek TC600i Postek X8000
SATO	Sato TG308 Sato TG312	
ZEBRA	Zebra HC100 Zebra QLn220 Zebra QLn320 Zebra 110 PAX Zebra 170 PAX	

### New devices in version 9.10.00

Manufacturer	Model
CAB	XC4 (300dpi) XC6 (300dpi)
CARL VALENTIN	DPM III xi53/12 DPM III xi107/12 DPM III xi128/12

DASCOM	<p>Tally Dascom 7010  Tally Dascom 7010-300  Tally Dascom 7010R  Tally Dascom 7106  Tally Dascom 7206  Tally Dascom 7206-300  Tally Dascom 7005 DT2 (203dpi)  Tally Dascom 7005 DT4 (203dpi)  Tally Dascom 7005 TT4 (203dpi)  Tally Dascom 7006 DT2 (203dpi)  Tally Dascom 7006 DT2 (300dpi)  Tally Dascom 7006 DT4 (203dpi)  Tally Dascom 7006 DT4 (300dpi)</p>	<p>Tally Dascom 7006 TT2 (203dpi)  Tally Dascom 7006 TT2 (300dpi)  Tally Dascom 7006 TT4 (203dpi)  Tally Dascom 7006 TT4 (300dpi)  Tally Dascom 7008 DT2 (203dpi)  Tally Dascom 7008 DT2 (300dpi)  Tally Dascom 7008 DT4 (203dpi)  Tally Dascom 7008 DT4 (300dpi)  Tally Dascom 7008 TT2 (203dpi)  Tally Dascom 7008 TT2 (300dpi)  Tally Dascom 7008 TT4 (203dpi)  Tally Dascom 7008 TT4 (300dpi)</p>
DATAMAX-O'NEIL	<p>Datamax-O'Neil RL4  Datamax-O'Neil E-4204B Mark III  Datamax-O'Neil E-4304B Mark III  Datamax-O'Neil E-4205A Mark III  Datamax-O'Neil E-4305A Mark III  Datamax-O'Neil E-4206P Mark III  Datamax-O'Neil E-4305P Mark III  Datamax-O'Neil E-4206L Mark III  Datamax-O'Neil E-4305L Mark III</p>	
IBM	<p>IBM6500(PGL)  IBM6500(VGL)  IBM6700-R40(PGL)(203dpi)  IBM6700-R40(PGL)(300dpi)  IBM6700-R40(VGL)(203dpi)  IBM6700-R40(VGL)(300dpi)  IBM6700-R40(PGL)(203dpi)(RFID)  IBM6700-R40(PGL)(300dpi)(RFID)  IBM6700-R60(PGL)(203dpi)  IBM6700-R60(PGL)(300dpi)</p>	<p>IBM6700-R60(VGL)(203dpi)  IBM6700-R60(VGL)(300dpi)  IBM6700-R80(PGL)(203dpi)  IBM6700-R80(PGL)(300dpi)  IBM6700-R80(VGL)(203dpi)  IBM6700-R80(VGL)(300dpi)  IBM6700-M40(PGL)(203dpi)  IBM6700-M40(PGL)(300dpi)  IBM6700-M40(PGL)(203dpi)(RFID)  IBM6700-M40(PGL)(300dpi)(RFID)</p>
INTERMEC	<p>EasyCoder PM4i DP Mode (406dpi)  EasyCoder PM4i IPL Mode (406dpi)  EasyCoder PM4i FP Mode (406dpi)</p>	
PRINTRONIX	<p>Printronix P7000 (PGL)  Printronix P7000 (VGL)  Printronix T5204r (PGL)  Printronix T5304r (PGL)  Printronix T5204r (VGL)  Printronix T5304r (VGL)  Printronix SL5204r (PGL)(RFID)  Printronix SL5304r (PGL)(RFID)  Printronix T5206r (PGL)  Printronix T5306r (PGL)</p>	<p>Printronix T5206r (VGL)  Printronix T5306r (VGL)  Printronix SL5206r (PGL)(RFID)  Printronix SL5306r (PGL)(RFID)  Printronix T5208r (PGL)  Printronix T5308r (PGL)  Printronix T5208r (VGL)  Printronix T5308r (VGL)</p>



SATO	Sato LM408e Sato LM412e	
ZEBRA	Zebra RZ400 (203dpi) Zebra RZ400 (300dpi) Zebra RZ600 (203dpi) Zebra RZ600 (300dpi)	Zebra P4T Zebra P4T EPL Zebra P4T ZPL Zebra RP4T ZPL

## New devices in version 9.00.02

Manufacturer	Model	
ARGOX	Argox R-400 PPLA Argox R-400 plus PPLA Argox R-600 PPLA	
BRADY	BradyPrinter BP-PR 360 Plus	
GODEX	EZ-1100Plus EZ-1200Plus EZ-1300Plus EZ-2200Plus EZ-2300Plus EZ-6200Plus EZ-6300Plus EZ-DT-2 EZ-DT-4 EZ-1105 EZ-1305 EZPi-1200 EZPi-1300 EZ-1100Plus GEPL EZ-DT-2 GEPL EZ-DT-4 GEPL	EZ-1105 GEPL EZ-1305 GEPL EZPi-1200 GEPL EZPi-1300 GEPL EZ-1100Plus GZPL EZ-2200Plus GZPL EZ-2300Plus GZPL EZ-6200Plus GZPL EZ-6300Plus GZPL EZ-DT-2 GZPL EZ-DT-4 GZPL EZ-1105 GZPL EZ-1305 GZPL EZPi-1200 GZPL EZPi-1300 GZPL
GPRINTER	GP-2120T GP-3120T GP-4120T	
PAXAR	Paxar Snap 700	
POSTEK	Postek e4 200dpi (2000-XP) Postek e4 200dpi (Server 2003) Postek e4 300dpi (2000-XP) Postek e4 300dpi (Server 2003)	
SATO	Sato M 8485S (RH) Sato M 8485S (LH)	
TSC	TSC TDP 225	TSC TDP 246M Plus

	TSC TDP 245 Plus TSC TDP 247 TSC TDP 345 TSC TDP 243E Plus TSC TDP 243 Pro TSC TDP 243E Pro TSC TDP 244 TSC TDP 244 Plus TSC TDP 244CE TSC TDP 244ME Plus TSC TDP 245C TSC TDP 245 Plus	TSC TDP 247 TSC TDP 342 Pro TSC TDP 342M Plus TSC TDP 343C TSC TDP 343 Plus TSC TDP 344M Plus TSC TDP 345 TSC TDP 346M TSC TDP 644M TSC TDP 384M TSC TDP 2410M
ZEBRA	Zebra TLP-2824 Plus (EPL) Zebra LP-2824 Plus (ZPL) Zebra TLP-2824 Plus (ZPL)	

### New devices in version 9.00.01

Manufacturer	Model	
CITIZEN	Citizen CL-S700z Citizen CL-703z	
DATAMAX	Datamax A-4212 (LH) Mark II Datamax A-4212 (RH) Mark II Datamax A-4310 (LH) Mark II Datamax A-4310 (RH) Mark II Datamax A-4408 (LH) Mark II Datamax A-4408 (RH) Mark II Datamax A-4606 (LH) Mark II Datamax A-4606 (RH) Mark II	Datamax A-6212 (LH) Mark II Datamax A-6212 (RH) Mark II Datamax A-6310 (LH) Mark II Datamax A-6310 (RH) Mark II Datamax E-4205e Mark II Datamax E-4304e Mark II
EPSON	EPSON TM-C3400	
SATO	Sato M 8400Rve Sato CG208 Sato CG212	Sato CG412 Sato D508 Sato D512
ZEBRA	Zebra 110Xi4 (203dpi) Zebra 110Xi4 (300dpi) Zebra 110Xi4 (600dpi) Zebra 140Xi4 (203dpi)	Zebra 170Xi4 (203dpi) Zebra 170Xi4 (300dpi) Zebra 220Xi4 (203dpi) Zebra 220Xi4 (300dpi)

### New devices in version 9.00.00

Manufacturer	Model	
CAB	Hermes A2 (300dpi)	Hermes+ 4 (200dpi)

	Hermes A2 (600dpi) A2+ (600dpi) A4+ M (300dpi) A4+ M (600dpi) Hermes+ 2 (300dpi) Hermes+ 2 (600dpi)	Hermes+ 4 (300dpi) Hermes+ 4 (600dpi) Hermes+ 4.3 (200dpi) Hermes+ 4.3 (300dpi) Hermes+ 6 (300dpi) XD4 (300dpi)
Gainscha	Gainscha GP3120T	

## New devices in version 8.51.02

Manufacturer	Model	
BRADY	BRADY BBP11-24L BRADY BBP11-34L	
INTERMEC	EasyCoder PD42 DP (203dpi) EasyCoder PD42 DP (300dpi) EasyCoder PD42 IPL (203dpi) EasyCoder PD42 IPL (300dpi) EasyCoder PD42 FP mode (203dpi) EasyCoder PD42 FP mode (300dpi) PB21 IPL mode (203dpi) PB22 IPL mode (203dpi) PB31 IPL mode (203dpi) PB32 IPL mode (203dpi) PB21 DP mode (203dpi) PB22 DP mode (203dpi) PB31 DP mode (203dpi) PB32 DP mode (203dpi)	PB21 FP mode (203dpi) PB22 FP mode (203dpi) PB31 FP mode (203dpi) PB32 FP mode (203dpi) Intermec PF8d Intermec PF8t (203dpi) Intermec PF8t (300dpi) PB50 FP mode (203dpi) PB50 DP mode (203dpi) PB50 IPL mode (203dpi) PB51 DP mode (203dpi) PB51 FP mode (203dpi) PB51 IPL mode (203dpi)

## New devices in version 8.51.01

Manufacturer	Model
BROTHER	Brother MW-140BT Brother MW-260 Brother QL-1060N Brother RL-700S
COGNITIVE	Cognitive AdvantageDLX DBD24-2085-xxx Cognitive AdvantageDLX DBT24-2085-xxx Cognitive AdvantageDLX DBD42-2085-xxx Cognitive AdvantageDLX DBT42-2085-xxx
TALLYGENICOM	TallyGenicom 7005 DT2 (203dpi) TallyGenicom 7005 DT4 (203dpi) TallyGenicom 7005 TT4 (203dpi)

ZEBRA	Zebra GK420d EPL Zebra GK420t EPL Zebra GX420d EPL Zebra GX420t EPL Zebra GX430t EPL	Zebra GK420d ZPL Zebra GK420t ZPL Zebra GX420d ZPL Zebra GX420t ZPL Zebra GX430t ZPL
VIDEOJET	VIDEOJET VJ2310 VIDEOJET VJ2320 VIDEOJET VJ2330	
ICE	ICE Torus 126 ICE Torus 380 ICE Torus 500	
MARSH	Marsh 1100 Marsh 2100 Marsh 3100	
LINX	Linx IJ350 Linx IJ370	

## New devices in version 8.50.08

Manufacturer	Model	
TALLYGENICOM	TallyGenicom MTP4P TallyGenicom MTP4P EPL TallyGenicom MTP4P ZPL TallyGenicom 7006 DT2 (203dpi) TallyGenicom 7006 DT2 (300dpi) TallyGenicom 7006 DT4 (203dpi) TallyGenicom 7006 DT4 (300dpi) TallyGenicom 7006 TT2 (203dpi) TallyGenicom 7006 TT2 (300dpi)	TallyGenicom 7006 TT4 (203dpi) TallyGenicom 7006 TT4 (300dpi) TallyGenicom 7008 DT2 (203dpi) TallyGenicom 7008 DT2 (300dpi) TallyGenicom 7008 DT4 (203dpi) TallyGenicom 7008 DT4 (300dpi) TallyGenicom 7008 TT2 (203dpi) TallyGenicom 7008 TT2 (300dpi) TallyGenicom 7008 TT4 (203dpi) TallyGenicom 7008 TT4 (300dpi)
BRADY	Brady BBP81 200 Brady BBP81 300 Brady BBP81 600	
ZEBRA	MZ 200 MZ320 Zebra RW 220 ZPL Zebra RW 420 ZPL	Zebra RW 220 EPL Zebra RW 420 EPL Zebra RW 220 Zebra RW 420
CITIZEN	CLP-521z CLP-621z CLP-631z	
IMAJE	Imaje 5000 53 mm Imaje 5000 107 mm	

MARKEM	Markem 9096 (Inkjet printer)
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### New devices in version 8.50.07.01

Manufacturer	Model
BRADY	BBP81 200 BBP81 300 BBP81 600
BETAPRINT	Betaprint 55SST Continuous Betaprint 55SST Intermittent Betaprint 128SST Continuous Betaprint 128SST Intermittent

### New devices in version 8.50.07

Manufacturer	Model	
DOMINO	Domino CM5 Domino IM5 Domino V100 Domino V200 Domino V300+ 2" CM Domino V300+ 2" IM	Domino V300+ 5" CM Domino V300+ 5" IM Domino V400 2" Domino V400 5"
SATO	CT408i CT412i CT424i	
ZEBRA	110XiIII Plus UHF (203dpi) 110XiIII Plus UHF (300dpi) 110XiIII Plus UHF (600dpi)	110XiIII Plus HF (203dpi) 110XiIII Plus HF (300dpi) 110XiIII Plus HF (600dpi)

### New devices in version 8.50.06

Manufacturer	Model
SATO	GL408e GL412e

### New devices in version 8.50.05

Manufacturer	Model
DATAMAX	M-4206 Mark II M-4210 Mark II

SATO CX 410	Lt408 (RH) Lt408 (LH) MB400i MB410i
ZEBRA	ZM400 (203 dpi) ZM400 (300 dpi) ZM600 (203 dpi) ZM600 (300 dpi)

### New devices in version 8.10.04

Manufacturer	Model	
DATAMAX	DATAMAX H CLASS	
ITW BETAPRINT	TP2100 TP4000	
SATO	S8408 (RH) S8408 (LH) S8412 (RH) S8412 (LH)	S8424 (RH) S8424 (LH) MB200i
ZEBRA	QL 220 Plus ZPL QL 320 Plus ZPL QL 420 Plus ZPL	QL 220 Plus EPL QL 320 Plus EPL QL 420 Plus EPL

### New devices in version 8.10.02

Manufacturer	Model
DATAMAX	DATAMAX H CLASS

### New devices in version 8.10

Manufacturer	Model
MARKEM	MARKEM 5000 MARKEM 5200 MARKEM 5400

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## Fixed Defects

Ticket ID/ Defect ID	Description
<b>Version 2019.00.00</b>	
44109-44145	In ActiveX size and location of GUI was always using the default display instead of user settings.
47352-47356	Datamatrix - label display is different than final print
46476-46523	Application should select native printer driver instead of windows equivalent when same printer name exists (same as in v2015).
TKX-140491-K4L2-43333	Scroll bar does not allows navigation to entire label when screen is not maximized in some circumstances.
TKX-147377-B8J4-46663	SQL query issue when using Microsoft Text Driver ODBC driver
44920-44942	Unable to change Image color using bottom Color toolbar
44898-44899	Alignment change by script not effective on screen
44615-44645	Human readable mask not applied when using free positioning
<b>Version 2018.01.01</b>	
43937-43938	XLSX database connection issues
<b>Version 2018.01.00</b>	
42920-42921	View mode name (x) is not respected when drag and drop of variable in paragraph in edit mode
42936-42937	Drag and drop of variable on a paragraph should end edit of previous paragraph
42925-42926	Heterogeneous paragraph, texts are not aligned to baseline in v2018
42102-42103	Wrong PDF format when inserted in CODESOFT v2018
40903-41005	WYSIWYG issues on existing label designs
42041-42043	Stretch Mode None display image too big
40220-40221	single Excel database access with different layouts
41692-41693	error when trying to create Table Lookup variables one-by-one.
39125-39128	Text field disappears after switching View Mode
39100-39107	Wysiwyg issue with TTF fonts
40222-40223	error when selecting database search, from label form input display
39528-39592	Barcode with Free Human has Wrong values displayed on label design

40999-41000	text field edit mode not exit automatically when printing
39109-39112	Wysiwyg issue when using Windows graphical emulation
39103-39110	Search in database not triggered by entry key
<b>Version 2018.00.00</b>	
24928- TKX-88803-T3F6	Disabling "Print when enter key is pressed" not working for Direct Printing
27193- TKX-97908-M3S8	upgradewizard starts activation when old dongle is connected
27202- TKX-97370-X5Z5	Network version only sends emails if the License Service Controller is open
27204- TKX-90337-L6K5	Table Lookup wizard not working with CSV connections.
27208- TKX-92510-N1F0	Database Manager - Database view crashes on print screen
31651- TKX-101150-B9Z1	Labels are not printed in the requested order when printing from the search option.
31795- TKX-101514-X1J2	Incorrect GHS Symbol naming
27199- TKX-95639-H9N4	DB connection and free variable displaying issue when both are named equally
<b>Version 2015.00.01</b>	
24994	Database query with parameter crashes when the value of the parameter is changed
24917	Label that contains complex formulas hierarchy can takes long time to load and evaluate.
24945	Specific formula DLL crash during call to custom function
24981-TKX-90393-R3N5	Shared counter not incrementing on first page
<b>Version 2015.00.00</b>	
24307-TKX-83120-P2P9	Number of printed labels are incorrect in direct mode with a 2 layered label
22964-TKX-71556-L8N5	Some TT font are missing in TextArt field
22996-TKX-71684-K0M2	Tagged Text doesn't work when used via Sentinel
24366-TKX-83385-X3L7	Error when using table names with spaces in SQL query
22687-TKX-67907-M0W5	default margin settings checkbox is missing
21462-TKX-58309-R4B4	Label is printed around 30% smaller as on screen with Avery DPM6 or 64-04
21463-TKX-58310-N8F1	Label objects start flickering in content view mode when using database.
21525-TKX-58842-K1Z8	Missing Formula variables when opening labels coming from version 7.
21065-TKX-54956-L8X0	Font width changes after edit properties validation
22687-TKX-67907-M0W5	Default margin settings checkbox is missing



22899-TKX-70749-T0S2	TextArt outline property crashes with windows7/8.
22900-TKX-70750-W4H9	MS SQL Server Type bigint does not work
21789-TKX-64186-T1N9	Upper / lower case problem in When Printed variable
<b>Version 2014.00.00</b>	
21292-TKX-56685-X0V6	ClickPrint adds lots of temp files during each launch
21015-TKX-54462-G1P5	BestBefore formula always display result in English
20908-TKX-52827-M9Z6	FiletoData function doesn't manage unicode text files
20543-TKX-48168-B1Q1	Click Print doesn't display labels with background images correctly
20209-TKX-43832-W4Y4	Connection issue with the pervasive OLE DB Driver
<b>Version 2012.01.00</b>	
20421-TKX-46668-K6D8	Impossible to select a native printer driver with Database Manager on some computers
20320- TKX-37377-V7L8	Driver for Avery 64-05 printer prints labels one by one when using page format '2 labels in a row'
20229-TKX-43832-W4Y4	Application does not work with the pervasive OLE DB Driver
18765- TKX-27669-W0F6	Combo box in Form Designer does not allow user to select fields from a database
19327- TKX-35645-M6Q7	Application crashes at print time with huge print log file
20059- TKX-42049-F9C5	Form customization cannot be set to higher then 510
20165- TKX-43493-N8X2	New label wizard changes values entered for label size
19411- TKX-36286-T1R1	reset counter on variable change malfunction
19911- TKX-39776-N6Q9	Shared variables management improvement
<b>Version 2012.00.00</b>	
17616 - TKX-22864-S6M1	Table ALIAS not accepted with where clause
18043 - TKX-20389-V0Q8	Fields keep old value when query does not return record
18023- TKX-17061-V0N0	Linked counters update issue with 2 labels per row
18041 - TKX-20052-Q4P7	HIBC Wizard omits \$\$ when using date format YYJJ and separate bar codes
18550-TKX-25914-R4G3	Focus was not on quantity field and new printing box
18567-TKX-24684-S5C7	Bar width of 2/5 interleave barcode not printed correctly in case of some ratio.
18031-TKX-25387-R9R4	Codabar checksum not calculated correctly
<b>Version 10.00.00</b>	
54463-20553	Human Readable on GS1 Databar is complete.
54516-20556	Printer settings now load in Windows printers.

53085-20066	Job modifier tab now appears in all designated areas.
63640-20675	Windows printing mode is now available in Runtime.
72022-20685	Resolved issue with WMF in monochrome palette.
<b>Version 9.10.02</b>	
54628-20577 54736-20595	Application is now stable when using ASCII file.
52663-19978 52659-19975	Speed optimization for text with Word Wrap/Fit to Frame features.
55422-20630	Font and size changes are not modified when data source is changed.
55124-20624	Variable images coming from formulas are properly managed when used with SENTINEL.
<b>Version 9.00.02</b>	
49069-19221	Rename method of the PrinterSystem interface is fixed.
50633-19502 46715-18862	Formula Bestbefore now works with julian day (jj).
45863-18601	Zoom feature now functions as it did in version 8.50.
46997-18958	Counter reset on variable change now functions correctly.
48586-19162	Form no longer appears when Form variables do not exist in layout.
<b>Version 9.00.01</b>	
45538-18481	Date with variable offset (in case of multiple variables) is fixed.
45835-18597	The shared list user interface can now properly display different code page (i.e., Cyrillic).
45451-18469	Formula variables are now refreshed while printing.
45675-18661 45862-18600	The automatic page format for Brady IP printers is improved.
<b>Version 8.51.02</b>	
34391-16068	Excel files with field names that contain Chinese characters are now working.
33780-15966	Printout for DataMatrix/QR code containing Chinese characters is now working.
32222-15961	Barcode wizard is now able to enter alphabetical characters for DataMatrix.
<b>Version 8.51.01</b>	
31161-15576	Counters with values outside of the alphabet are now accepted at print time (backward compatibility with version 6). A warning is displayed at creation time.
29434-15335	Lite or Pro versions are no longer able to lock objects.

27277-14994	Maxicode wizard generates valid default data, whichever mode is selected.
32486-15747	Display is now correct when using a formula that is using other formulas.
<b>Version 8.51.00</b>	
24884-14218	Decrementing hexadecimal counter is now decrementing properly.
14249-12208	Printer speed switch is no longer ignored when printing from SENTINEL.
25866-14508	EAN-14 can now be based on EAN-128 or ITF-14 symbology.
20913-13318	Some characters descenders were cut off (for example, the bottom portion of "g") in Rich Text fields.
11697-13708	In the Runtime version, the printable or non-printable option for objects can now be set through ActiveX.

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## Known Limitations

- Execution of software not allowed under Guest account.
- The Windows system clock must be set to the correct date and time and should not be modified. If the system clock is incorrect then Subscription licenses and licenses requiring an internet connection might not function correctly. For example, a Software license might display a "Connection required" error even though an internet connection is available. To resolve this, you should correct the system clock and reactivate the license. (A quick workaround is to disable the "Check for server certificate revocation" option under Windows Internet Options.)
- Start menu shortcuts aren't immediately accessible in Windows Server 2016  
This is a system issue, that is solved after reboot.(see [Microsoft support article](#))
- When application is used in RemoteApp it is displayed behind the main window.  
This is a system issue (see [Microsoft support article](#)). The solution is to update to Windows 10 version 1807 with latest update (including [KB4284848](#) ).
- After installation application might be slow to launch the first time, this is normal and the result of .NET optimization.
- Under Server 2008 R2, installation of Internet Explorer version 9 or higher is required to use help.
- After this product is installed, it is not recommended to install a previous version. The installation of two different versions of the same product can lead to instability and incorrect behavior.
- Updates KB4055994, KB4055237, KB4054022 and KB4078408 can lead to registry corruption and non-stable application work.  
In such case reinstalling or repairing the product will fix the registry.
- Application and Device Control component of Symantec Endpoint Protection (version 12 or older) antivirus should be uninstalled (not just disabled) before product installation because this component could prevent installation.
- Counter used in Variable Pick List is not incremented while printing if target 'When Printed' variable is not placed on the label.
- Value from Database is not updated during printing if dynamic variable (When Printed, Counter) is used in WHERE clause (SQL Query)
- Database and Table lookup variables with query in SQL mode, do not support Stored Procedure with parameters based on document variables, only fixed parameters are supported.
- The Image transparency feature apply for input image that does not already have a transparency color defined.
- In order to connect to Access or Excel files in version 2007 or later on a system where Microsoft Office 64-bit is installed you will need to install Microsoft's AccessDatabaseEngine 32-bit.  
<http://www.microsoft.com/en-us/download/details.aspx?id=13255>
- Software Key Protection does not support Proxy with authentication. A license that requires internet connection (Online/Platinum) will not be compatible in such case.  
In case of Software Key Protection, IP Security Policy Management (IPsec) settings can create slow response time from Activation server if it is blocked.
- To use this product via RDP (remote application / remote desktop), a network license is required on environments such as Remote Desktop Services (formerly Terminal Services), Citrix, ..

- Under Windows 8 and Windows Server 2012, if the dongle HASP is not recognized, install the driver manually from the DVD using the following command:  
"<Drive>:\Software\Misc\Hasp\_v6.51\Haspdinst.exe -i" (where <Drive> is to be replaced by the letter of the DVD drive).
- When upgrading CODESOFT, we recommend uninstalling any previous versions before installing the new version.
- Shared counters are not incremented in preview mode, only at print time.
- RTF Field has a limitation when used with Fit to Frame option where the size and/or complexity of the RTF text in the input may cause the displayed text to be truncated.
- Using CODESOFT with LABEL ARCHIVE and Windows Firewall:  
The Windows firewall will try to block the connection to CODESOFT and you will get a system message asking to block or to unblock. Choose Unblock. The labeling software will be added automatically to the list of exceptions in Windows Firewall Configuration parameters.
- If you are using a hardware key protected version under Windows 7, the dongle may not be recognized. In this case, you must install the HASP driver manually. Run "InstallDir"\Tools\Donlge\ HASPUserSetup.exe.
- Text objects with composite data sources or different styles (font size or attributes) should be edited using the text properties dialogue only. If you use the text wizard, the text object becomes fixed with a uniform style.
- When importing an image from a network, a path like //MachineName/Path/Filename cannot be entered directly into the "Image Selection" dialog box. The workaround is to map the network drive, or to drag and drop from the explorer.
- When printed: If a mixed formatting string is used in the input mask, before entering the value, use the backspace button to avoid the loss of the first character.  
To enter a value abc123  
Press " <backspace>abc123" if the format string is "@@@###"
- While using the animation option in the wizards, performance may be slightly reduced.  
Turn off this option for faster performance if needed.
- With a hardware key license, when running CODESOFT while system is not fully initialized, CODESOFT may run in EVALUATION mode.  
Make sure the system is fully loaded before running CODESOFT.
- Please note that you may need Administrator's rights to perform some actions, such as adding a printer with non-direct access or creating a system DSN data source. Please verify that you have sufficient rights before performing these actions.
- Query definition only supports Tables within the default schema. If it is necessary to use a table from another schema, the SQL mode should be used, using a syntax like: SELECT \* FROM Schema.Table.
- The Database Manager is a generic database tool that relies on OLE DB Provider (ODBC is not supported). OLE DB Provider or the DBMS itself can both have some limitations. For example, with an Access database, when you set 3 unique fields in Database Manager, only the first one will be set. The recommendation is to use the internal DBMS tools to modify database structure, especially when working on advanced actions (like multiple constraints and primary key modification). The same is true for big tables where the response time can be slow on some operations.
- A database connection must be linked to the DatabaseGrid control displayed in sample form "DBForm.xmlf" in order to show information (i.e.; identity.mdb).

- The ODBC driver has some limitation when used with files (xls, csv, txt...). It is recommended to use the OLE DB driver.
- ODBC drivers are recommended for PostgreSQL. With OLEDB drivers, fields may not be enumerated.
- Visual FoxPro OLEDB Provider v 9.0 is not supported.
- The Manage Multiple Pages option for ListField is not supported with POF technology.
- Layers are not managed in the Print Preview. All Layers are displayed at the same time.
- Layers are not managed in case of LABEL ARCHIVE Reprint.
- When using Layers (Footer/Header...) the quantities defines from control variable (i.e. @SERIALQTY) should not change during multiple records printing as it is not updated after first printed record. Labels with Layers are not optimized for performances.
- It is recommended to use the native Oracle OLEDB driver to access Oracle database instead of Microsoft OLEDB provider that have limitations
- The label version is guaranteed when using ascending version. When using a different a version, please check that all versions are in the same range:

Backward Compatibility Range	CD Masters	Serialization Version
8.00.00-8.00.05	CS800_XX_R1 CS800_XX_R2 CS800_XX_R2_121605 CS800_XX_R2_010606 CS800_XX_R2_020106 CS800_XX_R2_030806	801
8.00.06-8.00.08	CS800_XX_R2_041206 CS800_XX_R2_052206 CS800_XX_R2_062906	802
8.00.09-8.00.10	CS800_XX_R2_080106 CS800_XX_R2_100206	803
8.10.00-8.10.02	CS800_XX_R3_061212 CS800_XX_R3_061214 CS800_XX_R3_070201	804
8.50.00	CS850_XX_R1_070511	807
8.50.01-8.50.03	CS850_XX_R1_070619 CS850_XX_R4_070713 CS850_XX_R4_070927	808
8.50.04	CS850_XX_R4_071120	809
8.50.05	CS850_XX_R4_080215	810
8.50.06	CS850_XX_R4_080402	811
8.50.07-8.50.08	CS850_XX_R4_080521 CS850_XX_R4_080620 CS850_XX_R4_080901	812

8.51	CS850_XX_R5_081002	813
8.51.01-8.51.02	CS850_XX_R5_090126 CS850_XX_R5_090206	814
9.00.00-9.00.01	CS900_XX_R1_091105 CS900_XX_R1_100318 CS900_XX_R1_100326	901
9.00.02-9.00.10	CS900_XX_R1_100920 CS900_XX_R1_1105XX	902
10.00.00-10.04.00	CS1000_XX_R1 CS1001_XX_R2 CS1002_XX_R2 CS1002_XX_R3 CS1003_XX_R4 CS1004_XX_R5	1001
2012.00.00-2014.00.00	CS2012_XX_R1 CS2012_XX_R2 CS2012_XX_R3 CS2012_XX_R4 CS2014_XX_R1	1002
2015.00.00-2018.01.00	CS2015_XX_R1 CS2015_XX_R2 CS2015_XX_R3 CS2016_XX_R1 CS2018_XX_R1 CS2018_XX_R2	1004
2019.00.00	CS2019_XX_R1	1005

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## Compatibility with other TEKLYNX Software

CODESOFT v2019.00 is compatible and fully tested to work with the following TEKLYNX software packages:

- LABEL ARCHIVE 2019.00
- SENTINEL 2019.00

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# RELEASE NOTES - CODESOFT 2019.00.00 Virtual Machine

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## System Requirements

This product has been tested on the following Windows® operating systems:

- Windows®10 x86/x64
- Windows®8.1 x86/x64
- Windows®8 x86/x64
- Windows®7 x86/x64 SP1
- Windows® Server 2019
- Windows® Server 2016
- Windows® Server 2012 R2
- Windows® Server 2012
- Windows® Server 2008 R2 SP1

At least one printer driver installed on computer  
Installation requires **Administrator's** privileges.

## Virtual Environment:

This product has been tested on the following Virtual Environment platforms:

- VMWare ESXi 6.0 vCenter 6.0 vSphere Client 6.0
- Citrix XenServer 7.6
- Microsoft Hyper-V Server 2016
- Microsoft Hyper-V Server 2012 R2
- Oracle VM Virtual Box 6.0.4
- VMware Workstation 15

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# New Features & Enhancements

## Version 2019

### New Features

- **Feedback** - added the ability for users to send product feedback through the product, Help > Send feedback.
- **Form Editor** - ability to customize the 'When printed' form and variables, leveraging several data entry controls such as calendar, radio buttons, checkboxes, images, and more.
- **GDPR** - alignment with the General Data Protection Regulation (GDPR) privacy policy requirements.
- **Object options** - added object group/ungroup capabilities (right-click).
- **Printer search** - ability to search both, list of all native printer models and previously added printers.

### Enhancements

- **Barcode fit-to-frame** - ability to set barcode width parameters.
- **Control variable** - added control variable @VALIDFROMDATE for labels from LABELARCHIVE (CODESOFT Enterprise).
- **Dialog windows** - updated the following GUI dialog windows: Print, About, Objects Order, Share Datasource Management, Printing Log File, Tagged Text Management, Form Customization, RichtextField Input, GridField and ListField.
- **GridField** - enhanced script editor, grid body, barcode properties, picture properties, and XML functionality.
- **GS1 Wizard** - improved the user interface and AI (application identifier) data entry, including the ability to update an existing GS1 barcode using the wizard.
- **GS1 Standard** - updated to latest GS1 standard and application identifiers.
- **Image properties** - updated image mode default to 'Zoom'.
- **Objects order** - enhanced Object order selection and organization functionality.
- **Object options** - added object alignment functionality (right-click).
- **Password** - updated application level password with confirmation field.
- **Print** - added infinite print to enable an array of print scenarios when used in conjunction with portwatch and the print form.
- **Print dialog** - added 'Last used' print dialog start tab selection.
- **Print dialog** - ability to set printing interface default: General, Form, Database, or Last used.
- **Picklist search** - ability to search using multiple-character strings.
- **Printer grouping** - copies of added printer models are now grouped together alphabetically.
- **Portwatch** - CODESOFT Portwatch updates to control input order and repeat prompt.

- **UPC-A barcode** - display human readable Check Digit as default.

## Technical

- **Security** - Added TLS 1.2 encryption for secure internet communications.

## No longer supported

- **Windows OS** - Discontinued support for Windows Server 2003 and Windows XP in 2019 moving forward.

## Version 2018

### New Features

- Created an option to directly launch the default image editor through the image by right-clicking on the image, and selecting 'Edit' from the image's context menu. Image can be saved to overwrite the existing label image.
- Quickly confirm available product deactivations for a license in the Help>About screen, or through License Manager for a network license.
- Ability to load data from Access/Excel without requiring a full install of Microsoft Office. The Microsoft Access Database Engine 2010 Redistributable package is included, providing connectivity to MS Access and MS Excel using Office 2000\2003\2007 formats (.mdb, accdb, .xls,.xlsx).
- An ASCII table is now available to easily select a value and add to a formula.

### Enhancements

- The overall user interface is updated with a cleaner design, including updated colors, icons, and toolbars. The navigation icons are configurable to change the size (small or large), or add/remove large icon text.
- Created commonly used barcode specific formulas to easily add associated characters and functions.
- The formula properties now has a dynamic preview (including errors) for the selected formula.
- When moving objects on a label, the original location of the image remains viewable to assist with design.
- Easily find associated label elements by selecting the desired label element, data source, or object, and all corresponding elements are visually identified.
- Shared variables are now easily identifiable by the visible shared icon.
- The bottom status bar is clickable, providing easy access to associated dialogue boxes (i.e. printer settings, help>about, properties for selected label element).
- Documents panel improvements:

- A modified mark (\*) in each document tab header is added if the document was changed. It's convenient to The contextual menu is extended with more option like accessing the document properties.
  - A close button (X) on each document tab.
  - Ability to float (label) documents for label-to-label comparison.
- The process to create extended object is now similar to other objects. After selecting the extended object type, click on label to create the object at this position. Previously, the object was automatically added to the upper-left corner of the label document.
- The Help menu now contains links to online resources: Administrator, User, and Programmer's Guides; Tutorials; and Customer Support.
- Toolbars are configurable to select docking position (Top/Left/Right/Bottom). NOTE: Toolbars no longer float.
- From the toolbar, the 'Variable name' (Data sources) and 'Object name' dropdown lists display each item with an icon representing its type for easy identification.
- The selection of a tray will be possible with ActiveX in order to control the tray from SENTINEL if needed. This avoids having to define two printers with different trays. For CODESOFT (when using SENTINEL) the following is now available to avoid unnecessary license costs related to printers:
  - At the 'Printer' level a new property is added to Get/Set the current Tray (by Name)
  - At the 'Printer' level a new method allows to get the List of available Trays (by Name)
  - No change at the User Interface level, users can still update in printer settings
- Moving forward, settings will be retained on upgrade. To preserve settings, a generic path will be used - C:\ProgramData\Teklynx\CODESOFT
- Quickly open the 'Label/Page setup' dialog by double click on free label area.
- Added a context menu for Objects in Objects view, similar to the existing Variable from Data sources View.
- The current printer settings are now retained when making changes to printer ports.
- The Variable length default value remains 100, however, it can be extended up 65,000 (max int). NOTE: For drivers, the max value remains 32767 to avoid risk and impact on some drivers that use this max value.
- The Log file dialog is extended:
  - Ability to generate a 'Daily based filename'
  - Ability to select extension of log file
- The RFID module is improved to support ATA2000 regulation. RFID support is improved for several printers (Zebra / Datamax).
- Update ActiveX to manage TCP IP ports, ActiveX now provides methods to get and set TCP IP ports.
- Document properties dialog Icon updates:
  - Icons for General, Summary, Statistics and Review available in all products
  - Icon for Visual Basic Scripting is available for CODESOFT PRO

- Icon for Extended available is available for CODESOFT RUNTIME
- All Icons are available in CODESOFT ENTERPRISE
- The icon for VBScript tab (properties dialog) is updated if scripts exist for an object, variable or document. The icon helps identify objects with active VBScripting.
- Prevent multiple objects editing through Properties dialog to avoid unintended changes that may break a portion of the selected objects. To avoid this, context menu for multiple selected objects and variable is updated. The "Properties" menu now displays sub-items with names of the selected objects or datasources.
- Created control variables for watermark text adjusting:
  - @WATERMARKTOPPOS - top watermark text position on the label.
  - @WATERMARKLEFTPOS - left watermark text position on the label.
  - @WATERMARKFONTSIZE - watermark font size (16 points by default).
  - @WATERMARKFONTNAME - watermark font name to use (Arial by default).
  - @WATERMARKROTATE – watermark rotation ( 0 by default )
- Added a GS1 Stackable Checkbox to enable stackable GS1 codes. GS1 wizard is updated to the current GS1 specification v18:
  - Add new items: 8112,416,7020, 7021, 7022, 7023, 22, 714,8013
  - Adjust AIs size:
    - For AI 91-99 maximum length should be changed from 30 to 90
  - Adjust AIs description:
    - For 8006 from "Identification of the Components of a Trade Item" to "Identification of an individual trade item piece"
    - For 20 from "Variant Number" to "Internal product variant"
  - Renamed AI:
    - 240 Additional product identification assigned by the manufacturer
    - Old name: Additional Item Identification
  - Adjust associations:
    - Update association for AI 8019 with 8017 or 8018
    - Update association for AI 17 with 01 or 02 or 255
    - Update association for AI 394, 8111 with 255
    - Update association for AI 7020,7021,7022 with 01
    - Update association for AI 8012 with 01
    - Update association for AI 714 with 01
- HIBC Wizard is updated in accordance to current HIBC regulation.
- A new dialog to create local ports is now available, providing the same functionality as the system dialog. This dialog can be reached in 2 ways:
  - Open "Printer" dialog. Press on "Add" button. Press "Create new port"
  - Open "Change printer port" dialog

If you run the application without administrative rights, the button "Create new port" will be disabled in all dialogs.

Only adding additional printer ports using CODESOFT is allowed. To remove ports, navigate to the system dialog in system settings. You can remove only manually added TCP IP ports.

- New port additions are validated, a port cannot be created with unsupported symbols (for example: with the symbol '/'), or with the port name that already exists.
- For Oracle database connections, the logic of enumerating tables, views, synonyms, etc., is fully redesigned. Oracle specific SQL queries for system tables are now used. The execution of the specific SQL queries is significantly more efficient than using other provider methods. The SQL Query builder is unchanged (3rd party module).
- Multiple item selection and management improved, can now:
  - Drag and Drop all many Samples labels in designer
  - Perform document switching with very complex labels
  - Significantly increased performance for multiple Table lookups
  - Text selection with many linked variables
  - 'Select All' objects with label that includes many objects (>300)
- Product license activation window is now included at the end of the installation process.
- Added the ability to suppress blank rows in a paragraph using the SuppressBlankRows formula within a variable.
- The font window is updated, and now shows the most recently used fonts, current font, and each font is displayed in its corresponding style.
- Font list is now navigable through multiple character keyboard entry to quickly find the desired font.
- Ability to search for a barcode within the Barcode Wizard.
- Added X-dimension (mils) measurement to barcode properties.
- Added a static File menu option for easy access to the Template folder directory.

## **Technical**

- A Virtual Machine (VM) License is no longer required for the Microsoft Surface Pro.

## **No longer supported**

- OLE Object and OCX field are no longer used in v2018. Prior labels with such objects, the object is converted to an image.

## Version 2015

### New Features and enhancements

- GS1 – New AIs: The following Application Identifiers are now available in GS1 wizard: AI 243/AI 255/AI 427/AI 710-712/AI 8017/AI 8019/AI 8200
- New Barcodes: Grid Matrix and DotCode are now available.
- Grid Field enhancement: Enhanced features are added to Grid Field like margins, alignments, header, vbScripting...
- File open dialog: The File open dialog is now based on windows 8 style.
- Pick List enhancement: It is now possible to change pick list values dynamically based on another variable (file, database...)
- RTF enhancement: It is now possible to insert variable(s) in a RTF field.  
Note: Variable name should not contain the \ character
- Tagged Text Management: It is now possible to define font name and color attributes for foreground and background.

## Version 2014

### New Features and enhancements

- GS1 – QRCode: The GS1 wizard now supports QRCode.
- VB Scripts: VB Scripts can be defined at multiple levels (Document, Objects and Data sources) and triggered for different events.
- Tagged Texts management: This feature allows you to format parts of text based on tags (such as bold, italic, underline). This can be used, for example, to highlight allergens in compliance with new food labelling standards (European regulation 1169/2011).
- System Event Viewer: License events are logged in the System event viewer. This allows tracking of important information about the License (i.e. License is about to expire, License is expired, License not found...)
- Label import from vector image: The label import capability based on vector format (ie DXF, WMF,...), allows the fixed part of the label to be created in a click (text, image, lines, etc...) only the data source part remains to be created. This is useful when the design of template labels is initially created in a CAD software.
- GridField : The 'Grid Field' allows to organize objects based on grid cells instead of position. This feature can be useful in case of report printing (Orders, Invoice, etc...). The 'Grid Field' supports cells content as text, barcode and image.
- Print dialog: It is now possible to keep the Print dialog box open after the print job to create subsequent print jobs without having to reopen it.
- New formulas: New formulas are available to calculate check digit for Voice code (CRC-16) and PZN.



- LABELMATRIX converter: A new converter allows converting labels coming from the LABEL MATRIX designer.
- Form Designer and Network License: Form Designer is now supported with Network Licenses.
- Database Manager Improvements: Column widths are now persisted to avoid resizing. Added support for default field values when adding a record
- Evaluation mode removed: When no valid license is found the application can no longer be executed.
- Network Tolerance: In case of network disconnection, it is possible to define a tolerance period (max. 480 minutes). By default there is no tolerance (0 minute). If the network is disconnected, the labeling software stops working. Note: The tolerance begins after about 6 minutes of connection to the server and the user token will be locked during the tolerance period.

## Version 2012

### New Features and enhancements

- Image transparency: It is possible to define for image object a color that will be used to define transparency.
- Uniscribe management: this resolves issue with specific language manipulation (Japanese, Chinese, Arabic,...) and when there is mixture of Right to Left (Arabic) and Left to Right text.
- **Windows 8 Support:** CODESOFT 2012 can be run on the Windows 8 operating system.
- **Evaluation mode:** In Evaluation mode, printing is not possible anymore.

## Version 10

### New Features and enhancements

- **Clip mode for Image** - This new option allows an image to be clipped to the shape.
- **Port Watch** - This new free variable type Port Watch allows the reception of data from external devices connected by USB, COM, or Ethernet.
- **Layers and dual side printing** - New layers allow printing header and footer labels and dual side printing. This can be used to print form documents like invoices and orders, where different information needs to be printed on the back side of the page.
- **Text Art improvements** - New Text Art capabilities allow drawing text based on the shape being used (text can be drawn inside or outside of the shape). In such cases, the text is not drawn where it will overlap other objects. This can be used for GHS labels where all of the space on the label must be optimized based on the number of objects that need to be printed.
- **RTF Field – Fit to Frame option** - This option eases the creation of GHS labels. Hazard Statements and Precautionary Statements can mix different formatting options (bold, underline, etc.) and still need to fit to a frame to optimize space on the label and avoid overlapping.
- **EPS and PDF support** - Support for .eps files (Encapsulated PostScript) is in vector format (no longer supported through reading the BITMAP preview as it was previously). Note: This feature

relies on a GhostScript freeware component that needs to be installed. For compatibility, if the GhostScript is not installed, the BITMAP header, if existent, will be imported as it was in previous versions.

NOTE: GhostScript 32bits is required.

- **Click Print** - New easy-to-use printing interface for Print-only users.
- **New Barcodes** - Micro QRCode, ISBT128 Wizard, Kix Code, Japanese post, Australian post, Telepen, and Code 1.
- **Pocket Printing** - This add-on allows printing with Windows Mobile devices.
- **Control Variables**  
@APPROVED control variable is used to indicate whether or not the document is approved.  
@VALIDFORPRINT control variable is used to indicate if the document is valid for printing.  
Both control variables can be used to prevent unapproved printing.

## Version 9

### New Features and enhancements

- **New software protection (v9.10.00)** - New software protection method has been implemented.
- **Data sources categories (v9.00.02)** - Data sources can now be organized in sub-categories at a display level (Data Sources View).
- **Autocad Files (v9.00.02)** - CODESOFT provides support for Autocad files up to version 2010.
- **Full clipping mode (v9.00.02)** - This new document setting allows graphic Text and Barcodes to be clipped when positioned partially outside of the label.
- **Modulo 16 check digit (v9.00.02)** - Modulo 16 check digit is now available for CODABAR and as a formula.
- **Database Manager – default printer (v9.00.02)** - A default option for printer selection allows you to use the printer defined in the document.
- **Report and form capabilities (v9.00.01)** - ListField capabilities are extended to support report printing (see ListField sample for more information). Word wrapping inside a cell is now possible using < BR > sequence. The ListField is now able to generate multiple labels at print time if data does not fit on a single page. This option is called Manage Multiple Pages. Table Lookup can now return multiple records.
- **HIBC wizard update (9.00.01)** - HIBC wizard has been updated to support HIBC Specification, Rev. 2.3.
- **“Load Printer saved in document” setting updated (v9.00.01)** - CODESOFT now searches for the printer with exactly the same name specified in the application. If this printer is not found, the application searches for the printer with the same model name, which is consistent with version 9.00.00 and previous.
- **Tracking Report (v9.00.01)** - The Tracking Report is now accessible in the ActiveX interface.
- **Improved toolbars (v9.00.00)** - CODESOFT toolbars have been redesigned to simplify basic tasks (such as object creation).
- **User interface enhancements (v9.00.00)** - The user interface has been updated to be more

consistent with the look and feel of Microsoft Office.

- **New wizards (v9.00.00)** - Wizards have been added for Database, Table Lookup, and Formula creation. Enhancements to existing wizards provide graphical assistance in creating new labels and accessing data from LABEL ARCHIVE.
- **Simplified installation (v9.00.00)** - When installing CODESOFT 9, the user will no longer be required to select a product range. Installation of add-ons and tools is now integrated in the main install, which eliminates the need to perform separate processes for these elements.
- **Graphical query builder (v9.00.00)** - A new SQL Query builder simplifies the creation of simple and complex database queries.
- **Label Comparator (v9.00.00)** - The Label Comparator allows users to compare two versions of the same label, either draft versions or production and test versions.
- **Filler view (v9.00.00)** - The Filler form is now available in a separate view. This allows you to have both the label design and the Filler form open simultaneously.
- **GS1 Databar access (v9.00.00)** - The GS1 Databar is now accessible from the GS1 wizard.
- **HIBC wizard (v9.00.00)** - A wizard has been added for HIBC.
- **DotNet wrapper (v9.00.00)** - This component allows easy integration of CODESOFT with .NET technology (C# or VB.NET).
- **Folders reorganization (v9.00.00)** - Here is the description of the new reorganization of the folder structure:

Samples & Tutorial	
Sample Labels	<SharedDocuments>\Teklynx\CODESOFT 9\Sample\Labels
Sample Forms	<SharedDocuments>\Teklynx\CODESOFT 9\Sample\Forms
Sample Compliance	<SharedDocuments>\Teklynx\CODESOFT 9\Sample\Compliance
Integration (ActiveX Samples)	<SharedDocuments>\Teklynx\CODESOFT 9\Integration
Common files	
Data files (including databases)	<SharedDocuments>\Teklynx\CODESOFT 9\Data
Describers	<SharedDocuments>\Teklynx\CODESOFT 9\DSC
Specific Formulas	<SharedDocuments>\Teklynx\CODESOFT 9\Formulas
Image Gallery	<SharedDocuments>\Teklynx\CODESOFT 9\Galleries
Images	<SharedDocuments>\Teklynx\CODESOFT 9\Images
Patterns	<SharedDocuments>\Teklynx\CODESOFT 9\Patterns
Queries	<SharedDocuments>\Teklynx\CODESOFT 9\Query
Shapes	<SharedDocuments>\Teklynx\CODESOFT 9\Shapes
Print files	<SharedDocuments>\Teklynx\CODESOFT 9\Print
Application configuration files	Files created by the application and its tools/add-ons:

Shared variables files	<CommonAppData>\Teklynx\CODESOFT 9\Globvar
Network printers settings	<CommonAppData>\Teklynx\CODESOFT 9\Printers
Config files (Cs.ini, user.ini)	<CommonAppData>\Teklynx\CODESOFT 9\

## Version 8.5

### New Features and enhancements

- **New OCX Field (v8.51.02)** - This new object type allows you to use 3rd-party OCX components inside your label.
- **New Formulas (v8.51.02)** - New formulas are now available:  
Week (calculates week number - ISO8601), Extract (extracts string from a string), ReplaceString (replaces string occurrence(s) with another string)
- **Space correction for Datamatrix (v8.51.02)** - This option allows you to provide space correction between barcode elements.  
This can be useful for inkjet printers.
- **New barcode symbologies (v8.51.01)** -  
Chinese sensible code.  
ITF14 supports more options for lines or boxes that surround the code.
- **New GHS pictograms (v8.51.01)** - New pictograms based on GHS normalization are added to the Image Gallery.
- **New Compliance labels (v8.51.01)** - New compliance labels are provided in different areas, such as Retail, Shipping, Healthcare, and Automotive.
- **New barcode symbologies (v8.51)** - Code 49, Intelligent Mail (USPS 4 State), ISBN 13, and RSS expanded stacked.
- **New Formulas (v8.51)** - New formulas are now available to allow calculation of the "Best before date" and "Expiration date" at print time: BestBefore, DateValue, DateOffset.
- **Database loops (v8.51)** - It is now possible to specify the number of times a set of records should be printed when using a database.
- **Refresh table lookup at print time option (v8.51)** - The Refresh table lookup at print time option allows the system to reevaluate Table Lookup fields in a document at print time to ensure the most current information is used.
- **Silent installation (v8.51)** - CODESOFT installation can be run in Silent mode, using the basic command line "<Path>\Setup.exe" /s /v"/qn INSTALLLEVEL=150". This command installs CODESOFT in English in the default folder with all features. For additional parameters, refer to the TEKLYNX web site or the online help.
- **Pre-requisite installation (v8.51)** - CODESOFT pre-requisite (.NET framework 2.0 SP1, MDAC 2.8, Adobe Acrobat Reader 8) are now automatically installed if necessary.
- **Guides (v8.51)** - Quick Start Guide and Administrator's guide are now directly accessible from the Help menu.

- **Label Background with image (v8.50.07)** - A new Extended tab in Document Properties allows you to define a background. The user can select an image and different options to define the background that applies to the current label.
- **OCX Component (v8.50.07)** - A new OCX control named "Labeling Manager control" is provided. This allows easy integration in Microsoft Office applications.
- **Resolution independent (v8.50.05)** - Allows you to design labels that will be printed identically on different printers (office or thermal printers). To access to this option, use the command: File > Properties > Preview.
- **New User interface language (v8.50.05)** - The Romanian language is now available for the User Interface.
- **Requery button (v8.50.05)** - A Requery button has been added in the Query result dialog box. This command runs the query and updates the grid.
- **Windows graphical emulation (v8.50.04)** - Enables you to standardize printing of your labels regardless of the selected printer (Thermal printers or Windows printers). To access to this option, use the command: File > Properties > Preview.
- **Wizard Upgrade tool (v8.50.02)** - This tool eases update from CODESOFT 8 to CODESOFT 8.5. It allows you to transfer the settings and files from the previous version to the new one. You can launch it from C:\Program Files\TKI\8\Common\Tools\WizardUpgrade\UpgradeWizard.exe.
- **New Wizards (v8.50)** - New wizards ease the creation of:
  - Documents
  - Objects like Text, Barcode, and Image
  - Variables like Counter, Form, Free, and Date

The wizards can be individually activated and deactivated.

- **Enhanced menu look and feel (v8.50)** - A new look and feel for menus is now available. This is similar to what is available in Office 2003. Two themes are available.
- **Enhanced Open dialog box (v8.50)** - The new open look and feel for the Open dialog box is used. This provides the left toolbar icons with direct access to some pre-defined folders.
- **Enhanced Print dialog box (v8.50)** - The Print dialog box now proposes several tabs when expanded. This will allow you to check, based on current print settings (number of labels and pages), if the printing is optimized using the "Performance" tab.
- **Text Vertical alignment (v8.50)** - This option allows defining a Vertical alignment for text paragraph. This option is only available with the "Fit to frame" option.
- **Text on any angle (v8.50)** - In the Shape Settings tab, the Shape option "Polyline" allows the user to select any kind of shape. This option can be very useful in conjunction with Text Art to align text on any angle.
- **Label Background definition (v8.50)** - It is now possible to select a label background without having to use a name based on the stock type/name. A new "Background" combo box allows you to select the EMF/WMF file that will be used as label background. The EMF/WMF files need to be published in the C:\Program Files\TKI\8\Common\LFM directory.
- **Network licensing (v8.50)** - A new range is available through network licensing: Runtime.

For License Manager, the Shared folder is changed.

On Vista, you must share "c:\Programdata\TKI\LicenseManager\TkDongle" as "TkDongle".

On the other systems, you must share "C:\Documents and Settings\All Users\Application Data\TKI\LicenseManager\TkDongle" as "TkDongle".

- **Superimposing (v8.10)** - An optional feature allows you to superimpose objects to preserve the readability or physical space on the label. This feature is useful when using a barcode, to prevent any other object from being overlaid on top of it. This feature can be accessed by going to the General tab of the object properties.
- **Norm GS1 (v8.10)** - Choosing to use the GS1 norm enables barcode verifications according to GS1 (Formerly EAN) recommendations. This new option is available in the Tools \ Options dialog box (Other tab). When the option is enabled, it will check that the barcodes conform to the different requirements of the GS1 normalization, such as narrow bar size, check digit, human readable, and so on.
- **RFID (v8.10)** - A new RFID button, available on the toolbar, provides a direct link to the RFID settings.
- **TKTEXTIL.TTF (v8.10)** - New symbols have been added in TKTEXTIL.TTF to fulfill the COFREET requirements. Refer to the TKTextil.lab sample file for additional information.
- **Database Manager (v8.10)** - The User Interface of the Database Manager has been improved, making it more intuitive and easy to use.
  - The general user interface has been refreshed to give it a better look and feel.
  - New menu entry "File\Open" allows the user to directly open a basic database file (Access, Excel, dBase).
  - It is now possible to "duplicate record(s)" by right-clicking on selected records.
  - More feedback is provided to the user when operations cannot be performed due to limited user rights or compliance with database structure.
  - It is possible to limit the Database Manager features by modifying the file C:\Program Files\TKI\8\Common\Tools\DMan\ProductSettings.cfg. Only advanced users should attempt this.
  - It is now possible to customize the display font.
- **Print by printer resolution (v8.10)** - Uses an algorithm independent to the paper format, to send only the positions and sizes linked to the Windows printer resolution. The current print algorithm adjusts object size and position when you switch, for instance, from a A4 page to Letter page (on a Windows printer). This is similar to the method used in Microsoft Word, and the advantage is that the objects are adjusted at print time so that everything fits on the page/label. The new print algorithm only uses the printer resolution, which means that the object's position and size are fixed, but at print time, you may notice that some objects are outside of the page/label or partially cut.
- **ActiveX (v8.10)** - VC++ and C# ActiveX samples available on CD have been updated to demonstrate how to use Events.

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## New Device Support

The following devices and their associated drivers have been added in this version:

### New devices in version 2019.00

Manufacturer	Model	
CARL VALENTIN	Compa II 103/8T Compa II 104/8 Compa II 106/12 Compa II 108/12T Compa II 162/12 Compa II 162/12T DuoPrint 107/12 DuoPrint 160/12 Pica II 103/8T Pica II 104/8 Pica II 106/12 Pica II 108/12T	Spectra II 103/8 Spectra II 104/8 Spectra II 106/12 Spectra II 106/24 Spectra II 107/12 Spectra II 108/12 Spectra II 160/12 Spectra II 162/12 Spectra II 216/12 Vita II 103/8T Vita II 104/8 Vita II 106/12 Vita II 108/12T
CITIZEN	Citizen CL-E300 Citizen CL-E300z Citizen CL-E303 Citizen CL-E303z Citizen CL-E321 Citizen CL-E321z Citizen CL-E331 Citizen CL-E331z	
PRINTRONIX	Printronix T820 (PGL) (RFID) Printronix T830 (PGL) (RFID)	
SATO	Sato FX3-LX DT305-Ad Sato FX3-LX DT305-Ln	
TIFLEX	Tiflex Generic	

### New devices in version 2018.01

Manufacturer	Model	
ALFASERVICE	ALFASERVICE XP1 1000HD ALFASERVICE XP1 1000XD ALFASERVICE XP1 2000HD ALFASERVICE XP1 2000XD	ALFASERVICE XP1 7000HD ALFASERVICE XP1 7000XD ALFASERVICE XP1 8000HD ALFASERVICE XP1 8000XD

	ALFAService XP1 3000HD ALFAService XP1 3000XD ALFAService XP1 4000HD ALFAService XP1 4000XD ALFAService XP1 5000HD ALFAService XP1 5000XD ALFAService XP1 6000HD ALFAService XP1 6000XD	ALFAService XP2 1000XD ALFAService XP2 2000XD ALFAService XP2 3000XD ALFAService XP2 4000XD ALFAService XP2 5000XD ALFAService XP2 6000XD ALFAService XP2 7000XD ALFAService XP2 8000XD
BRADY	Brady I7100-300 Brady I7100-600 Brady I7100-300 P Brady I7100-600 P	
CAB Mach Series	Mach 4S/300B Mach 4S/300C Mach 4S/300P Mach 4S/600B Mach 4S/600C Mach 4S/600P	Mach 4.3S/200B Mach 4.3S/200C Mach 4.3S/200P Mach 4.3S/300B Mach 4.3S/300C Mach 4.3S/300P
FlexPackPRO	FlexPackPRO 130Aei FlexPackPRO 130i FlexPackPRO 130i-hp FlexPackPRO 130c FlexPackPRO 130c-hp FlexPackPRO 130c*250 FlexPackPRO 130c*500 FlexPackPRO 210Aei FlexPackPRO 210e FlexPackPRO 210i FlexPackPRO 210i*125	FlexPackPRO 210c FlexPackPRO 210c*250 FlexPackPRO 210c*500 FlexPackPRO 420i FlexPackPRO 420i*125 FlexPackPRO 420c FlexPackPRO 420c*250 FlexPackPRO 130TRS FlexPackPRO 210TRS FlexPackPRO 420TRS
Gprinter	Gprinter GP-9034Z Gprinter GP-9134Z Gprinter GP-9234Z Gprinter GP-9035Z Gprinter GP-9135Z Gprinter GP-9235Z Gprinter S-Z3301 Gprinter S-Z3302 Gprinter S-Z3311 Gprinter S-Z3312 Gprinter S-Z3321 Gprinter S-Z3322 Gprinter S-Z3331 Gprinter S-Z3332 Gprinter S-Z3341 Gprinter S-Z3342 Gprinter S-Z3351	Gprinter S-Z4351D Gprinter S-Z4352D Gprinter GP-9025Z Gprinter GP-9125Z Gprinter GP-9225Z Gprinter GP-9026Z Gprinter GP-9126Z Gprinter GP-9226Z Gprinter S-Z3201 Gprinter S-Z3202 Gprinter S-Z3211 Gprinter S-Z3212 Gprinter S-Z3221 Gprinter S-Z3222 Gprinter S-Z3231 Gprinter S-Z3232 Gprinter S-Z3241



Gprinter S-Z3352  
Gprinter GP-1134Z  
Gprinter GP-1234Z  
Gprinter GP-1334Z  
Gprinter GP-1135Z  
Gprinter GP-1235Z  
Gprinter GP-1335Z  
Gprinter S-Z4301  
Gprinter S-Z4302  
Gprinter S-Z4311  
Gprinter S-Z4312  
Gprinter S-Z4321  
Gprinter S-Z4322  
Gprinter S-Z4331  
Gprinter S-Z4332  
Gprinter S-Z4341  
Gprinter S-Z4342  
Gprinter S-Z4351  
Gprinter S-Z4352  
Gprinter GP-9034ZD  
Gprinter GP-9134ZD  
Gprinter GP-9234ZD  
Gprinter GP-9035ZD  
Gprinter GP-9135ZD  
Gprinter GP-9235ZD  
Gprinter S-Z3301D  
Gprinter S-Z3302D  
Gprinter S-Z3311D  
Gprinter S-Z3312D  
Gprinter S-Z3321D  
Gprinter S-Z3322D  
Gprinter S-Z3331D  
Gprinter S-Z3332D  
Gprinter S-Z3341D  
Gprinter S-Z3342D  
Gprinter S-Z3351D  
Gprinter S-Z3352D  
Gprinter GP-1134ZD  
Gprinter GP-1234ZD  
Gprinter GP-1334ZD  
Gprinter GP-1135ZD  
Gprinter GP-1235ZD  
Gprinter GP-1335ZD  
Gprinter S-Z4301D  
Gprinter S-Z4302D  
Gprinter S-Z4311D  
Gprinter S-Z4312D  
Gprinter S-Z4321D

Gprinter S-Z3242  
Gprinter S-Z3251  
Gprinter S-Z3252  
Gprinter GP-1124Z  
Gprinter GP-1224Z  
Gprinter GP-1324Z  
Gprinter GP-1125Z  
Gprinter GP-1225Z  
Gprinter GP-1325Z  
Gprinter S-Z4201  
Gprinter S-Z4202  
Gprinter S-Z4211  
Gprinter S-Z4212  
Gprinter S-Z4221  
Gprinter S-Z4222  
Gprinter S-Z4231  
Gprinter S-Z4232  
Gprinter S-Z4241  
Gprinter S-Z4242  
Gprinter S-Z4251  
Gprinter S-Z4252  
Gprinter GP-1124ZD  
Gprinter GP-1125ZD  
Gprinter GP-1224ZD  
Gprinter GP-1225ZD  
Gprinter GP-1324ZD  
Gprinter GP-1325ZD  
Gprinter GP-3120Z  
Gprinter GP-3120ZL  
Gprinter GP-3120ZU  
Gprinter GP-3150Z  
Gprinter GP-4120Z  
Gprinter GP-4150Z  
Gprinter GP-9025ZD  
Gprinter GP-9026ZD  
Gprinter GP-9125ZD  
Gprinter GP-9126ZD  
Gprinter GP-9225ZD  
Gprinter GP-9226ZD  
Gprinter S-Z3201D  
Gprinter S-Z3202D  
Gprinter S-Z3211D  
Gprinter S-Z3212D  
Gprinter S-Z3221D  
Gprinter S-Z3222D  
Gprinter S-Z3231D  
Gprinter S-Z3232D  
Gprinter S-Z3241D

	Gprinter S-Z4322D Gprinter S-Z4331D Gprinter S-Z4332D Gprinter S-Z4341D Gprinter S-Z4342D	Gprinter S-Z3242D Gprinter S-Z3251D Gprinter S-Z3252D
GYSSCODING	GYSSCODING GYSS 3240 i GYSSCODING GYSS 3250 i GYSSCODING GYSS 3270 i GYSSCODING GYSS 3250 c GYSSCODING GYSS 3270 c GYSSCODING GYSS 32250 c GYSSCODING GYSS 32500 c GYSSCODING GYSS 5340 i GYSSCODING GYSS 5350 i GYSSCODING GYSS 5370 i GYSSCODING GYSS 5325 i	GYSSCODING GYSS 5370 c GYSSCODING GYSS 53250 c GYSSCODING GYSS 53500 c GYSSCODING GYSS 1075 i GYSSCODING GYSS 1125 i GYSSCODING GYSS 1125 c GYSSCODING GYSS 10250 c GYSSCODING GYSS TR 32 GYSSCODING GYSS TR 53 GYSSCODING GYSS TR 107
HONEYWELL	Honeywell A-4212 (LH) Mark II Honeywell A-4212 (RH) Mark II Honeywell A-4310 (LH) Mark II Honeywell A-4310 (RH) Mark II Honeywell A-4408 (LH) Mark II Honeywell A-4408 (RH) Mark II	Honeywell A-4606 (LH) Mark II Honeywell A-4606 (RH) Mark II Honeywell A-6212 (LH) Mark II Honeywell A-6212 (RH) Mark II Honeywell A-6310 (LH) Mark II Honeywell A-6310 (RH) Mark II
LOGOPAK	Logomatic 8D-2Colors Logomatic 12D-2Colors	
PRINTRONIX	Printronic T6204 (PGL) (RFID) Printronic T6206 (PGL) (RFID) Printronic T6304 (PGL) (RFID) Printronic T6306 (PGL) (RFID)	
Savema	Savema SVM 32*40 I Savema SVM 32*50 I Savema SVM 32x70 I – Cassette Savema SVM 32 C Savema SVM 32 C – Cassette Savema SVM 32*250 C Savema SVM 32*500 C Savema SVM 53*40 I Savema SVM 53*50 I Savema SVM 53*70 I Savema SVM 53*125 I Savema SVM 53 C Savema SVM 53*250 C Savema SVM 53*500 C	Savema SVM 107*75 I Savema SVM 107*125 I Savema SVM 107 C Savema SVM 107*250 C Savema SVM TR32 Savema SVM TR53 Savema SVM TR107 Savema SVM 24 (203dpi) Savema SVM 32 (203dpi) Savema SVM 54 (203dpi) Savema SVM 108 (203dpi) Savema SVM 168 (203dpi)
VIDEOJET	DataFlex 6330 53mm Intermittent DataFlex 6330 53mm Continuous DataFlex 6530 53mm Intermittent	

	DataFlex 6530 53mm Continuous Videojet VJ8520	
ZEBRA	Zebra iMZ220 ZPL Zebra iMZ320 ZPL Zebra ZQ510 ZPL Zebra ZQ520 ZPL Zebra QLn220 ZPL Zebra QLn320 ZPL Zebra ZD620 ZPL (203dpi) Zebra ZD620 ZPL (300dpi) Zebra ZD420 ZPL (203dpi) Zebra ZD420 ZPL (300dpi)	Zebra ZQ310 ZPL Zebra ZQ320 ZPL Zebra QLn220 EPL Zebra QLn320 EPL Zebra QLn420 EPL Zebra ZD420 EPL (203dpi) Zebra ZD420 EPL (300dpi) Zebra ZD620 EPL (203dpi) Zebra ZD620 EPL (300dpi)

## New devices in version 2018.00

Manufacturer	Model	
AVERY	Avery ADTP1 (203dpi) RFID Avery ADTP1 (300dpi) RFID Avery ALX 734 Avery ALX 735 Avery ALX 736	
CAB SQUIX Series	SQUIX 2 (300 dpi) SQUIX 2 (600 dpi) SQUIX 2 P (300 dpi) SQUIX 2 P (600 dpi) SQUIX 4 (300 dpi) SQUIX 4 (600 dpi) SQUIX 4 M (300 dpi) SQUIX 4 M (600 dpi) SQUIX 4 MP (300 dpi) SQUIX 4 MP (600 dpi) SQUIX 4 MT (300 dpi) SQUIX 4 MT (600 dpi)	SQUIX 4 P (300 dpi) SQUIX 4 P (600 dpi) SQUIX 4.3 (200dpi) SQUIX 4.3 (300 dpi) SQUIX 4.3 M (200 dpi) SQUIX 4.3 M (300 dpi) SQUIX 4.3 MP (200 dpi) SQUIX 4.3 MP (300 dpi) SQUIX 4.3 P (200 dpi) SQUIX 4.3 P (300 dpi) SQUIX 6 (200 dpi) SQUIX 6 (300 dpi) SQUIX 6 P (200 dpi) SQUIX 6 P (300 dpi)
DOMINO	Domino G130i Domino G220i Domino G230i Domino G320i Domino V120i 32mm CM Domino V120i 32mm IM Domino V230i 32mm CM Domino V230i 32mm IM	Domino V230i 53mm CM Domino V230i 53mm IM Domino V320i 128mm CM Domino V320i 128mm IM Domino V320i 53mm CM Domino V320i 53mm IM
EPSON	EPSON ColorWorks C7500 EPSON ColorWorks C7500G	

	EPSON ColorWorks C7500GE	
EUCLID	EUCLID 2" EUCLID 4"	
HONEYWELL	<p>Honeywell A-4212 (LH) Mark II  Honeywell A-4212 (RH) Mark II  Honeywell A-4310 (LH) Mark II  Honeywell A-4310 (RH) Mark II  Honeywell A-4408 (LH) Mark II  Honeywell A-4408 (RH) Mark II  Honeywell A-4606 (LH) Mark II  Honeywell A-4606 (RH) Mark II  Honeywell A-6212 (LH) Mark II  Honeywell A-6212 (RH) Mark II  Honeywell A-6310 (LH) Mark II  Honeywell A-6310 (RH) Mark II  Honeywell E-4204 Basic Mark III  Honeywell E-4205 Advanced Mark III  Honeywell E-4206 Professional Mark III  Honeywell E-4304 Basic Mark III  Honeywell E-4305 Advanced Mark III  Honeywell E-4306 Professional Mark III  Honeywell H-4212  Honeywell H-4212X  Honeywell H-4310  Honeywell H-4310X  Honeywell H-4408  Honeywell H-4606  Honeywell H-4606X  Honeywell H-6210  Honeywell H-6212X  Honeywell H-6308  Honeywell H-6310X  Honeywell H-8308X  Honeywell I-4212e Mark II  Honeywell I-4310e Mark II  Honeywell I-4606e Mark II  Honeywell M-4206 Mark II  Honeywell M-4210 Mark II  Honeywell M-4308 Mark II  Honeywell PC23d ESIm (203dpi)  Honeywell PC23d ESIm (300dpi)  Honeywell PC43d ESIm (203dpi)  Honeywell PC43d ESIm (300dpi)  Honeywell PC43t ESIm (203dpi)  Honeywell PC43t ESIm (300dpi)  Honeywell PB21 IPL mode (203dpi)  Honeywell PB22 IPL mode (203dpi)</p>	<p>Honeywell PM43c IPL mode (203dpi)  Honeywell PM43c IPL mode (300dpi)  Honeywell PM43c IPL mode (406dpi)  Honeywell PX4i IPL mode (203dpi)  Honeywell PX4i IPL mode (300dpi)  Honeywell PX4i IPL mode (406dpi)  Honeywell PX6i IPL mode (203dpi)  Honeywell PX6i IPL mode (300dpi)  Honeywell PB21 FP mode (203dpi)  Honeywell PB22 FP mode (203dpi)  Honeywell PB31 FP mode (203dpi)  Honeywell PB32 FP mode (203dpi)  Honeywell PB50 FP mode (203dpi)  Honeywell PB51 FP mode (203dpi)  Honeywell PC23d FP mode (203dpi)  Honeywell PC23d FP mode (300dpi)  Honeywell PC43d FP mode (203dpi)  Honeywell PC43d FP mode (300dpi)  Honeywell PC43t FP mode (203dpi)  Honeywell PC43t FP mode (300dpi)  Honeywell PM43 FP mode (203dpi)  Honeywell PM43 FP mode (300dpi)  Honeywell PM43 FP mode (406dpi)  Honeywell PM43c FP mode (203dpi)  Honeywell PM43c FP mode (300dpi)  Honeywell PM43c FP mode (406dpi)  Honeywell PX4i FP mode (203dpi)  Honeywell PX4i FP mode (300dpi)  Honeywell PX4i FP mode (406dpi)  Honeywell PX6i FP mode (203dpi)  Honeywell PX6i FP mode (300dpi)  Honeywell PB21 DP mode (203dpi)  Honeywell PB22 DP mode (203dpi)  Honeywell PB31 DP mode (203dpi)  Honeywell PB32 DP mode (203dpi)  Honeywell PB50 DP mode (203dpi)  Honeywell PB51 DP mode (203dpi)  Honeywell PC23d DP mode (203dpi)  Honeywell PC23d DP mode (300dpi)  Honeywell PC43d DP mode (203dpi)  Honeywell PC43d DP mode (300dpi)  Honeywell PC43t DP mode (203dpi)  Honeywell PC43t DP mode (300dpi)  Honeywell PM43 DP mode (203dpi)</p>

	<p>Honeywell PB31 IPL mode (203dpi)  Honeywell PB32 IPL mode (203dpi)  Honeywell PB50 IPL mode (203dpi)  Honeywell PB51 IPL mode (203dpi)  Honeywell PC23d IPL mode (203dpi)  Honeywell PC23d IPL mode (300dpi)  Honeywell PC43d IPL mode (203dpi)  Honeywell PC43d IPL mode (300dpi)  Honeywell PC43t IPL mode (203dpi)  Honeywell PC43t IPL mode (300dpi)  Honeywell PM43 IPL mode (203dpi)  Honeywell PM43 IPL mode (300dpi)  Honeywell PM43 IPL mode (406dpi)</p>	<p>Honeywell PM43 DP mode (300dpi)  Honeywell PM43 DP mode (406dpi)  Honeywell PM43c DP mode (203dpi)  Honeywell PM43c DP mode (300dpi)  Honeywell PM43c DP mode (406dpi)  Honeywell PX4i DP mode (203dpi)  Honeywell PX4i DP mode (300dpi)  Honeywell PX4i DP mode (406dpi)  Honeywell PX6i DP mode (203dpi)  Honeywell PX6i DP mode (300dpi)</p>
MARKOPRINT	<p>X1Jet XR  X2Jet XR  X4Jet XR</p>	
NOVEXX Solutions	<p>NOVEXX Solutions 64-04  NOVEXX Solutions 64-05  NOVEXX Solutions 64-05 RFID  NOVEXX Solutions 64-06  NOVEXX Solutions 64-08  NOVEXX Solutions ALX 734 PMA  NOVEXX Solutions ALX 735 PMA  NOVEXX Solutions ALX 736 PMA  NOVEXX Solutions ALX 924  NOVEXX Solutions ALX 925  NOVEXX Solutions ALX 926  NOVEXX Solutions AP 4.4</p>	<p>NOVEXX Solutions AP 5.4 200dpi  NOVEXX Solutions AP 5.4 300dpi  NOVEXX Solutions AP 5.6 200dpi  NOVEXX Solutions AP 5.6 300dpi  NOVEXX Solutions DPM – 04  NOVEXX Solutions DPM – 05  NOVEXX Solutions DPM – 06  NOVEXX Solutions XLP 504 200dpi  NOVEXX Solutions XLP 504 300dpi  NOVEXX Solutions XLP 504 600dpi  NOVEXX Solutions XTP804</p>
PRINTRONIX	<p>Printronix T6204 (VGL)  Printronix T6206 (VGL)  Printronix T6304 (VGL)  Printronix T6306 (VGL)</p>	<p>Printronix T8204 (VGL)  Printronix T8206 (VGL)  Printronix T8208 (VGL)  Printronix T8304 (VGL)  Printronix T8306 (VGL)  Printronix T8308 (VGL)</p>
SATO	<p>Sato M 8465SE (LH)  Sato M 8465SE (RH)  Sato PW208mNX  Sato PW208NX  Sato TXPXSX</p>	<p>Sato WS408 DT  Sato WS408 TT  Sato WS412 DT  Sato WS412 TT</p>
THERMOTEX	<p>A4+T (300dpi)  SQUIX 4 (600dpi)  SQUIX 6 (300dpi)  TT4-DT (300dpi)  TT4-MX (200dpi)  TT4-MX (300dpi)</p>	<p>TT4-SX (200dpi)  TT4-SX (300dpi)  TT4-SXM (300dpi)  TT4-SXT (300dpi)  TT5-L (200dpi)  TT5-L (300dpi)</p>

TOSHIBA	B-EX4T3-HS B-EX6 T1 (203 dpi) B-EX6 T1 (305 dpi) B-EX6 T3 (203 dpi) B-EX6 T3 (305 dpi)	
ZEBRA	Zebra ZQ310 Zebra ZQ320 Zebra ZQ510 Zebra ZQ520 Zebra ZT510 (203dpi) Zebra ZT510 (300dpi)	Zebra ZT610 (203dpi) Zebra ZT610 (300dpi) Zebra ZT610 (600dpi) Zebra ZT620 (203dpi) Zebra ZT620 (300dpi)

## New devices in version 2015.01

Manufacturer	Model	
Brady	Brady BBP12	
GODEX	Godex DT2 Godex DT2 GEPL Godex DT2 GZPL Godex DT2x Godex DT2x GEPL Godex DT2x GZPL Godex DT4 Godex DT4 GEPL Godex DT4 GZPL Godex DT4L Godex DT4L GEPL Godex DT4L GZPL Godex DT4x Godex DT4x GEPL Godex DT4x GZPL Godex G300 Godex G300 GEPL Godex G300 GZPL Godex G330 Godex G330 GEPL Godex G330 GZPL Godex G500 Godex G500 GEPL Godex G500 GZPL Godex G525 Godex G525 GEPL Godex G525 GZPL Godex G530 Godex G530 GEPL	Godex RT200 Godex RT200 GEPL Godex RT200 GZPL Godex RT200i Godex RT200i GEPL Godex RT200i GZPL Godex RT230 Godex RT230 GEPL Godex RT230 GZPL Godex RT230i Godex RT230i GEPL Godex RT230i GZPL Godex RT700 Godex RT700 GEPL Godex RT700 GZPL Godex RT700i Godex RT700i GEPL Godex RT700i GZPL Godex RT700x Godex RT700x GEPL Godex RT700x GZPL Godex RT730 Godex RT730 GEPL Godex RT730 GZPL Godex RT730i Godex RT730i GEPL Godex RT730i GZPL Godex RT730x Godex RT730x GEPL

	<p>Godex G530 GZPL  Godex G535  Godex G535 GEPL  Godex G535 GZPL  Godex MX20  Godex MX20 GEPL  Godex MX20 GZPL  Godex MX30  Godex MX30 GEPL  Godex MX30 GZPL  Godex MX30i  Godex MX30i GEPL  Godex MX30i GZPL</p>	<p>Godex RT730x GZPL  Godex ZX1200i  Godex ZX1200i GEPL  Godex ZX1200i GZPL  Godex ZX1300i  Godex ZX1300i GEPL  Godex ZX1300i GZPL  Godex ZX1600i  Godex ZX1600i GEPL  Godex ZX1600i GZPL</p>
IMAJE	<p>Markem-Imaje 5800  Markem-Imaje SmartDate 5 128mm Continuous  Markem-Imaje SmartDate 5 128mm Intermittent  Markem-Imaje SmartDate X40 32mm Continuous  Markem-Imaje SmartDate X40 32mm Intermittent  Markem-Imaje SmartDate X40 53mm Continuous  Markem-Imaje SmartDate X40 53mm Intermittent  Markem-Imaje SmartDate X60 128mm Continuous  Markem-Imaje SmartDate X60 128mm Intermittent  Markem-Imaje SmartDate X60 53mm Continuous  Markem-Imaje SmartDate X60 53mm Intermittent  Markem-Imaje SmartDate X60 53mm Shuttled Cont.</p>	
INTERMEC DEFAULT	<p>Intermec PD43 DP mode (203dpi)  Intermec PD43 DP mode (300dpi)  Intermec PD43 ESIm (203dpi)  Intermec PD43 ESIm (300dpi)  Intermec PD43 IPL mode (203dpi)  Intermec PD43 IPL mode (300dpi)  Intermec PD43c DP mode (203dpi)  Intermec PD43c DP mode (300dpi)  Intermec PD43c ESIm (203dpi)  Intermec PD43c ESIm (300dpi)  Intermec PD43c IPL mode (203dpi)  Intermec PD43c IPL mode (300dpi)</p>	
INTERMEC FINGERPRINT	<p>Intermec PD43 FP mode (203dpi)  Intermec PD43 FP mode (300dpi)  Intermec PD43c FP mode (203dpi)  Intermec PD43c FP mode (300dpi)</p>	
MARKOPRINT	<p>iJet  X1Jet HP  X1Jet LX  X1Jet MX  X2Jet</p>	

	X4Jet X4Jet Plus XB4Jet	
PRINTRONIX	Printronix T8204 (PGL) Printronix T8206 (PGL) Printronix T8208 (PGL) Printronix T8304 (PGL) Printronix T8306 (PGL) Printronix T8308 (PGL)	
TSC	TSC DA200 TSC DA300 TSC TC200 TSC TC210 TSC TC300 TSC TC310	TSC TTP 2410MT TSC TTP 2410MU TSC TTP 2610MT TSC TTP 346MT TSC TTP 346MU TSC TTP 368MT TSC TTP 644MT TSC TTP 644MU
VIDEOJET	DataFlex 6320 32mm Continuous DataFlex 6320 32mm Intermittent DataFlex 6320 53mm Continuous DataFlex 6320 53mm Intermittent DataFlex 6420 107mm Continuous DataFlex 6420 107mm Intermittent DataFlex 6420 53mm Continuous DataFlex 6420 53mm Intermittent	
ZEBRA	Zebra GT800 ZPL (300dpi) Zebra ZD500R (203dpi) Zebra ZD500R (300dpi) Zebra ZE500R-4 LH (203dpi) Zebra ZE500R-4 LH (300dpi) Zebra ZE500R-4 RH (203dpi) Zebra ZE500R-4 RH (300dpi) Zebra ZE500R-6 LH (203dpi) Zebra ZE500R-6 LH (300dpi) Zebra ZE500R-6 RH (203dpi) Zebra ZE500R-6 RH (300dpi)	

## New devices in version 2015.00

Manufacturer	Model	
Automated Precision	Precision (203dpi) Precision (300dpi)	
BELL-MARK	BELL-MARK EP32c128 BELL-MARK EP32c53	BELL-MARK EPS32c128 BELL-MARK EPS32c53



	BELL-MARK EP32i128 BELL-MARK EP32i53 BELL-MARK EP32mlp128 BELL-MARK EP32mlp213 BELL-MARK EP32mlp53	BELL-MARK EPS32i128 BELL-MARK EPS32i53 BELL-MARK EPS32mlp128 BELL-MARK EPS32mlp213 BELL-MARK EPS32mlp53
EPSON	EPSON TM-C7500	
GODEX	Godex RT860i Godex RT860i GEPL Godex RT860i GZPL	
LOGOPAK	LOGOPAK Logomatic 8D LOGOPAK Logomatic 12D	
PRINTRONIX	Printronic M4L ZPL	
SATO	Sato CL4NX 203 dpi Sato CL4NX 305 dpi Sato CL4NX 609 dpi Sato S84-ex 203dpi Sato S84-ex 305dpi Sato S84-ex 609dpi	Sato S86-ex 203dpi Sato S86-ex 305dpi Sato CL6NX 203dpi Sato CL6NX 305 dpi
THERMOCODE	ThermoCode 107XL ThermoCode 32E	
TSC	TSC ME240 TSC ME340 TSC TDP 225W TSC TDP 244 TSC TTP 244M Pro TSC TTP 244ME Pro TSC TTP 342M Pro TSC TTP 342ME Pro TSC TTP 225 TSC TTP 2410M Pro TSC MX240 TSC MX340 TSC MX640 TSC TA200 TSC TA300 TSC TTP 246M Pro TSC TTP 323 TSC TTP 344M Pro TSC TTP 346M Pro TSC TTP 644M Pro TSC Alpha-3R TSC Alpha-4L TSC Alpha-2R TSC Alpha-4R	TSC TDP 245 PRO TSC TDP 245C TSC TDP 245M TSC TDP 342 TSC TDP 342M TSC TDP 343 TSC TDP 643 TSC TTP 243E TSC TTP 243M TSC TTP 244E TSC TTP 244M Plus TSC TTP 244ME TSC TTP 342 Plus TSC TTP 342E Pro TSC TTP 342M TSC TTP 343 TSC TTP 343E TSC TTP 343M TSC TTP 344 TSC TTP 344C TSC TTP 2410 TSC E200 TSC E300 TSC P200

	TSC MA240 TSC MA340 TSC MA640 TSC M23 TSC T-200 TSC T-200A TSC T-200E TSC T-300 TSC T-300A TSC T-300E TSC TDP 242 TSC TDP 243 TSC TDP 243E TSC TDP 243M TSC TDP 244CE TSC TDP 244ME	TSC P300 TSC TA210 TSC TA310 TSC TDP 324 TSC TDP 324W TSC Alpha_4R_W TSC MH200 TSC MH300 TSC MH600 TSC TTP 243 Plus TSC TTP 245 Pro TSC TTP 245M TSC TDP 246CJ TSC TX200 TSC TX300 TSC TX600
VIDEOJET	Videojet 9550 Videojet VJ8510 Videojet VJ8610 Videojet WSI 1510 Videojet WSI 1520 Videojet WSI 1610 Videojet WSI 1610 DH Videojet WSI 1620 Videojet WSI 1710	
ZEBRA	Zebra 105SL Plus (203dpi) Zebra 105SL Plus (300dpi) Zebra ZT220 EPL (203dpi) Zebra ZT220 EPL (300dpi) Zebra ZT230 EPL (203dpi) Zebra ZT230 EPL (300dpi) Zebra ZT410 ZPL (203dpi) Zebra ZT410 ZPL (300dpi) Zebra ZT410 ZPL (600dpi) Zebra ZT420 ZPL (203dpi) Zebra ZT420 ZPL (300dpi)	Zebra ZT410 ZPL (203dpi) RFID Zebra ZT410 ZPL (300dpi) RFID Zebra ZT410 ZPL (600dpi) RFID Zebra ZT420 ZPL (203dpi) RFID Zebra ZT420 ZPL (300dpi) RFID Zebra ZD500 (203dpi) Zebra ZD500 (300dpi) Zebra QLn420 Zebra QLn420 ZPL

## New devices in version 2014.00

Manufacturer	Model	
OPEN DATE	ThermoCode IQ 53	
ZEBRA	Zebra ZE500-4 LH (203dpi) Zebra ZE500-4 RH (203dpi) Zebra ZE500-4 LH (300dpi) Zebra ZE500-4 RH (300dpi)	Zebra ZE500-6 LH (203dpi) Zebra ZE500-6 RH (203dpi) Zebra ZE500-6 LH (300dpi) Zebra ZE500-6 RH (300dpi)

## New devices in version 2012.00

Manufacturer	Model	
ARGOX	Argox A-2240 PPLA Argox A-2240 PPLB Argox A-2240Z PPLZ Argox A-2240E PPLA Argox A-2240E PPLB Argox A-2240ZE PPLZ Argox A-3140 PPLA Argox A-3140 PPLB Argox A-3140Z PPLZ Argox CP-2140 PPLA Argox CP-2140 PPLB Argox CP-2140E PPLA Argox CP-2140E PPLB Argox CP-2140Z PPLZ Argox OS-2140Z PPLZ Argox OS-2140DZ PPLZ Argox OS-2140 PPLA Argox OS-2140 PPLB Argox OS-2140D PPLA Argox OS-2140D PPLB Argox AME-3230 PPLZ Argox AME-3230B PPLZ Argox AME-3230W PPLZ Argox CP-3140 PPLA Argox CP-3140 PPLB	Argox CP-3140E PPLA Argox CP-3140E PPLB Argox OS-2130D PPLA Argox OS-2130D PPLB Argox OS-2130DE PPLA Argox OS-2130DE PPLB Argox R-400plus PPLZ Argox X-2000V Zip PPLZ Argox OS-214plus PPLA Argox OS-214plus PPLB Argox X-2300ZE PPLZ Argox X-2300E PPLA Argox X-2300E PPLB Argox X-1000VL PPLA Argox X-1000VL PPLB Argox X-2000V PPLA Argox X-2000V PPLB Argox X-3200 PPLA Argox X-3200 PPLB Argox X-3200E PPLA Argox X-3200E PPLB Argox X-3200ZE PPLZ Argox X-3200Z PPLZ
BRADY	Brady BBP72 Brady BBP16	
CARL VALENTIN	Dynacode 128/12i Dynacode 128/12c Flexicode 53/12	
DATAMAX-O'NEIL	Datamax-O'Neil I-4212e Mark II Datamax-O'Neil I-4310e Mark II Datamax-O'Neil I-4606e Mark II Datamax-O'Neil RL3	
ITW BETAPRINT	Betaprint 53LT Continuous Betaprint 53LT Intermitent Betaprint 53XL	
KBA-METRONIC	ttPRINT 107c ttPRINT 107i ttPRINT 128c ttPRINT 128i	ttPRINT ML 107 ttPRINT ML 128 ttPRINT ML 53 ttPRINT XS

	ttPRINT 53c ttPRINT 53i	
SATO	Sato GZ 412e Sato HR 212 Sato HR 224 Sato CZ 408 Sato CZ 412	
TOSHIBA	B-EV4D GS B-EV4D TS B-EV4T GS B-EV4T TS	B-EX4T2-GS B-EX4T2-TS B-EX4T2-HS
TSC	TSC TTP 268M TSC TTP 366M	
ZEBRA	Zebra R110Xi4 (300dpi) Zebra R110Xi4 (600dpi) Zebra ZT220 ZPL (203dpi) Zebra ZT230 ZPL (300dpi) Zebra GT800 ZPL (203dpi) Zebra GT800 EPL (203dpi)	Zebra GC420d ZPL (203dpi) Zebra GC420t ZPL (203dpi) Zebra GC420d EPL (203dpi) Zebra GC420t EPL (203dpi)

## New devices in version 10.00.00

Manufacturer	Model	
BRADY	Brady BBP11 24L Brady BBP11 34L	
CAB EOS	EOS1 (200dpi) EOS1 (300dpi) EOS4 (200dpi) EOS4 (300dpi)	
DATAMAX-O'NEIL	Datamax-O'Neil I-4212e Mark II Datamax-O'Neil I-4310e Mark II Datamax-O'Neil I-4606e Mark II Datamax-O'Neil RL3	
ES TECHNO	ESCODE ESFLY ESPRINT	
LEGI	LEGI700-M4308-2 LEGI-812 LEGI-813 LEGI-816	LEGI-876M+ EUROPE 203 LEGI-876M+ EUROPE 300 LEGI-876M+ R LEGI-887 (203dpi) LEGI-887 (300dpi)

POSTEK	Postek TX2 PPLZ (200dpi) Postek TX2e PPLZ (200dpi) Postek TX200+ PPLZ (200dpi) Postek TX3 PPLZ (300dpi) Postek TX3e PPLZ (300dpi) Postek TX300+ PPLZ (300dpi) Postek TX6 PPLZ (600dpi) Postek TX6e PPLZ (600dpi) Postek TX600+ PPLZ (600dpi) Postek TX200+ Postek TZ2 Postek TZ2e Postek TZ2 lite Postek TC200i Postek X4000 Postek TX300+ Postek TZ3 Postek TZ3e Postek TZ3 lite Postek TC300i Postek X6000 Postek C168 200e Postek C168 200i Postek C168 200s Postek C168 300e Postek C168 300i Postek C168 300s Postek G-2108e Postek G-2108i	Postek G-200D Postek G-3106e Postek G-3106i Postek G-300D Postek I200 Postek I200e Postek I4208 Postek I300 Postek I300e Postek I4306 Postek Q8/200 Postek Q8/200i Postek Q8/300 Postek Q8/300i Postek T2 Postek T3 Postek V6 Postek G-2108+ Postek G-3106+ Postek C168 200+ Postek C168 300+ Postek TX6 Postek TX6e Postek TX600+ Postek TZ6 Postek TZ6e Postek TC600i Postek X8000
SATO	Sato TG308 Sato TG312	
ZEBRA	Zebra HC100 Zebra QLn220 Zebra QLn320 Zebra 110 PAX Zebra 170 PAX	

## New devices in version 9.10.00

Manufacturer	Model
CAB	XC4 (300dpi) XC6 (300dpi)
CARL VALENTIN	DPM III xi53/12 DPM III xi107/12 DPM III xi128/12

DASCOM	<p>Tally Dascom 7010  Tally Dascom 7010-300  Tally Dascom 7010R  Tally Dascom 7106  Tally Dascom 7206  Tally Dascom 7206-300  Tally Dascom 7005 DT2 (203dpi)  Tally Dascom 7005 DT4 (203dpi)  Tally Dascom 7005 TT4 (203dpi)  Tally Dascom 7006 DT2 (203dpi)  Tally Dascom 7006 DT2 (300dpi)  Tally Dascom 7006 DT4 (203dpi)  Tally Dascom 7006 DT4 (300dpi)</p>	<p>Tally Dascom 7006 TT2 (203dpi)  Tally Dascom 7006 TT2 (300dpi)  Tally Dascom 7006 TT4 (203dpi)  Tally Dascom 7006 TT4 (300dpi)  Tally Dascom 7008 DT2 (203dpi)  Tally Dascom 7008 DT2 (300dpi)  Tally Dascom 7008 DT4 (203dpi)  Tally Dascom 7008 DT4 (300dpi)  Tally Dascom 7008 TT2 (203dpi)  Tally Dascom 7008 TT2 (300dpi)  Tally Dascom 7008 TT4 (203dpi)  Tally Dascom 7008 TT4 (300dpi)</p>
DATAMAX-O'NEIL	<p>Datamax-O'Neil RL4  Datamax-O'Neil E-4204B Mark III  Datamax-O'Neil E-4304B Mark III  Datamax-O'Neil E-4205A Mark III  Datamax-O'Neil E-4305A Mark III  Datamax-O'Neil E-4206P Mark III  Datamax-O'Neil E-4305P Mark III  Datamax-O'Neil E-4206L Mark III  Datamax-O'Neil E-4305L Mark III</p>	
IBM	<p>IBM6500(PGL)  IBM6500(VGL)  IBM6700-R40(PGL)(203dpi)  IBM6700-R40(PGL)(300dpi)  IBM6700-R40(VGL)(203dpi)  IBM6700-R40(VGL)(300dpi)  IBM6700-R40(PGL)(203dpi)(RFID)  IBM6700-R40(PGL)(300dpi)(RFID)  IBM6700-R60(PGL)(203dpi)  IBM6700-R60(PGL)(300dpi)</p>	<p>IBM6700-R60(VGL)(203dpi)  IBM6700-R60(VGL)(300dpi)  IBM6700-R80(PGL)(203dpi)  IBM6700-R80(PGL)(300dpi)  IBM6700-R80(VGL)(203dpi)  IBM6700-R80(VGL)(300dpi)  IBM6700-M40(PGL)(203dpi)  IBM6700-M40(PGL)(300dpi)  IBM6700-M40(PGL)(203dpi)(RFID)  IBM6700-M40(PGL)(300dpi)(RFID)</p>
INTERMEC	<p>EasyCoder PM4i DP Mode (406dpi)  EasyCoder PM4i IPL Mode (406dpi)  EasyCoder PM4i FP Mode (406dpi)</p>	
PRINTRONIX	<p>Printronix P7000 (PGL)  Printronix P7000 (VGL)  Printronix T5204r (PGL)  Printronix T5304r (PGL)  Printronix T5204r (VGL)  Printronix T5304r (VGL)  Printronix SL5204r (PGL)(RFID)  Printronix SL5304r (PGL)(RFID)  Printronix T5206r (PGL)  Printronix T5306r (PGL)</p>	<p>Printronix T5206r (VGL)  Printronix T5306r (VGL)  Printronix SL5206r (PGL)(RFID)  Printronix SL5306r (PGL)(RFID)  Printronix T5208r (PGL)  Printronix T5308r (PGL)  Printronix T5208r (VGL)  Printronix T5308r (VGL)</p>

SATO	Sato LM408e Sato LM412e	
ZEBRA	Zebra RZ400 (203dpi) Zebra RZ400 (300dpi) Zebra RZ600 (203dpi) Zebra RZ600 (300dpi)	Zebra P4T Zebra P4T EPL Zebra P4T ZPL Zebra RP4T ZPL

## New devices in version 9.00.02

Manufacturer	Model	
ARGOX	Argox R-400 PPLA Argox R-400 plus PPLA Argox R-600 PPLA	
BRADY	BradyPrinter BP-PR 360 Plus	
GODEX	EZ-1100Plus EZ-1200Plus EZ-1300Plus EZ-2200Plus EZ-2300Plus EZ-6200Plus EZ-6300Plus EZ-DT-2 EZ-DT-4 EZ-1105 EZ-1305 EZPi-1200 EZPi-1300 EZ-1100Plus GEPL EZ-DT-2 GEPL EZ-DT-4 GEPL	EZ-1105 GEPL EZ-1305 GEPL EZPi-1200 GEPL EZPi-1300 GEPL EZ-1100Plus GZPL EZ-2200Plus GZPL EZ-2300Plus GZPL EZ-6200Plus GZPL EZ-6300Plus GZPL EZ-DT-2 GZPL EZ-DT-4 GZPL EZ-1105 GZPL EZ-1305 GZPL EZPi-1200 GZPL EZPi-1300 GZPL
GPRINTER	GP-2120T GP-3120T GP-4120T	
PAXAR	Paxar Snap 700	
POSTEK	Postek e4 200dpi (2000-XP) Postek e4 200dpi (Server 2003) Postek e4 300dpi (2000-XP) Postek e4 300dpi (Server 2003)	
SATO	Sato M 8485S (RH) Sato M 8485S (LH)	
TSC	TSC TDP 225	TSC TDP 246M Plus

	TSC TDP 245 Plus TSC TDP 247 TSC TDP 345 TSC TDP 243E Plus TSC TDP 243 Pro TSC TDP 243E Pro TSC TDP 244 TSC TDP 244 Plus TSC TDP 244CE TSC TDP 244ME Plus TSC TDP 245C TSC TDP 245 Plus	TSC TDP 247 TSC TDP 342 Pro TSC TDP 342M Plus TSC TDP 343C TSC TDP 343 Plus TSC TDP 344M Plus TSC TDP 345 TSC TDP 346M TSC TDP 644M TSC TDP 384M TSC TDP 2410M
ZEBRA	Zebra TLP-2824 Plus (EPL) Zebra LP-2824 Plus (ZPL) Zebra TLP-2824 Plus (ZPL)	

### New devices in version 9.00.01

Manufacturer	Model	
CITIZEN	Citizen CL-S700z Citizen CL-703z	
DATAMAX	Datamax A-4212 (LH) Mark II Datamax A-4212 (RH) Mark II Datamax A-4310 (LH) Mark II Datamax A-4310 (RH) Mark II Datamax A-4408 (LH) Mark II Datamax A-4408 (RH) Mark II Datamax A-4606 (LH) Mark II Datamax A-4606 (RH) Mark II	Datamax A-6212 (LH) Mark II Datamax A-6212 (RH) Mark II Datamax A-6310 (LH) Mark II Datamax A-6310 (RH) Mark II Datamax E-4205e Mark II Datamax E-4304e Mark II
EPSON	EPSON TM-C3400	
SATO	Sato M 8400Rve Sato CG208 Sato CG212	Sato CG412 Sato D508 Sato D512
ZEBRA	Zebra 110Xi4 (203dpi) Zebra 110Xi4 (300dpi) Zebra 110Xi4 (600dpi) Zebra 140Xi4 (203dpi)	Zebra 170Xi4 (203dpi) Zebra 170Xi4 (300dpi) Zebra 220Xi4 (203dpi) Zebra 220Xi4 (300dpi)

### New devices in version 9.00.00

Manufacturer	Model	
CAB	Hermes A2 (300dpi)	Hermes+ 4 (200dpi)



	Hermes A2 (600dpi) A2+ (600dpi) A4+ M (300dpi) A4+ M (600dpi) Hermes+ 2 (300dpi) Hermes+ 2 (600dpi)	Hermes+ 4 (300dpi) Hermes+ 4 (600dpi) Hermes+ 4.3 (200dpi) Hermes+ 4.3 (300dpi) Hermes+ 6 (300dpi) XD4 (300dpi)
Gainscha	Gainscha GP3120T	

## New devices in version 8.51.02

Manufacturer	Model	
BRADY	BRADY BBP11-24L BRADY BBP11-34L	
INTERMEC	EasyCoder PD42 DP (203dpi) EasyCoder PD42 DP (300dpi) EasyCoder PD42 IPL (203dpi) EasyCoder PD42 IPL (300dpi) EasyCoder PD42 FP mode (203dpi) EasyCoder PD42 FP mode (300dpi) PB21 IPL mode (203dpi) PB22 IPL mode (203dpi) PB31 IPL mode (203dpi) PB32 IPL mode (203dpi) PB21 DP mode (203dpi) PB22 DP mode (203dpi) PB31 DP mode (203dpi) PB32 DP mode (203dpi)	PB21 FP mode (203dpi) PB22 FP mode (203dpi) PB31 FP mode (203dpi) PB32 FP mode (203dpi) Intermec PF8d Intermec PF8t (203dpi) Intermec PF8t (300dpi) PB50 FP mode (203dpi) PB50 DP mode (203dpi) PB50 IPL mode (203dpi) PB51 DP mode (203dpi) PB51 FP mode (203dpi) PB51 IPL mode (203dpi)

## New devices in version 8.51.01

Manufacturer	Model
BROTHER	Brother MW-140BT Brother MW-260 Brother QL-1060N Brother RL-700S
COGNITIVE	Cognitive AdvantageDLX DBD24-2085-xxx Cognitive AdvantageDLX DBT24-2085-xxx Cognitive AdvantageDLX DBD42-2085-xxx Cognitive AdvantageDLX DBT42-2085-xxx
TALLYGENICOM	TallyGenicom 7005 DT2 (203dpi) TallyGenicom 7005 DT4 (203dpi) TallyGenicom 7005 TT4 (203dpi)

ZEBRA	Zebra GK420d EPL Zebra GK420t EPL Zebra GX420d EPL Zebra GX420t EPL Zebra GX430t EPL	Zebra GK420d ZPL Zebra GK420t ZPL Zebra GX420d ZPL Zebra GX420t ZPL Zebra GX430t ZPL
VIDEOJET	VIDEOJET VJ2310 VIDEOJET VJ2320 VIDEOJET VJ2330	
ICE	ICE Torus 126 ICE Torus 380 ICE Torus 500	
MARSH	Marsh 1100 Marsh 2100 Marsh 3100	
LINX	Linx IJ350 Linx IJ370	

## New devices in version 8.50.08

Manufacturer	Model	
TALLYGENICOM	TallyGenicom MTP4P TallyGenicom MTP4P EPL TallyGenicom MTP4P ZPL TallyGenicom 7006 DT2 (203dpi) TallyGenicom 7006 DT2 (300dpi) TallyGenicom 7006 DT4 (203dpi) TallyGenicom 7006 DT4 (300dpi) TallyGenicom 7006 TT2 (203dpi) TallyGenicom 7006 TT2 (300dpi)	TallyGenicom 7006 TT4 (203dpi) TallyGenicom 7006 TT4 (300dpi) TallyGenicom 7008 DT2 (203dpi) TallyGenicom 7008 DT2 (300dpi) TallyGenicom 7008 DT4 (203dpi) TallyGenicom 7008 DT4 (300dpi) TallyGenicom 7008 TT2 (203dpi) TallyGenicom 7008 TT2 (300dpi) TallyGenicom 7008 TT4 (203dpi) TallyGenicom 7008 TT4 (300dpi)
BRADY	Brady BBP81 200 Brady BBP81 300 Brady BBP81 600	
ZEBRA	MZ 200 MZ320 Zebra RW 220 ZPL Zebra RW 420 ZPL	Zebra RW 220 EPL Zebra RW 420 EPL Zebra RW 220 Zebra RW 420
CITIZEN	CLP-521z CLP-621z CLP-631z	
IMAJE	Imaje 5000 53 mm Imaje 5000 107 mm	

MARKEM	Markem 9096 (Inkjet printer)
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### New devices in version 8.50.07.01

Manufacturer	Model
BRADY	BBP81 200 BBP81 300 BBP81 600
BETAPRINT	Betaprint 55SST Continuous Betaprint 55SST Intermittent Betaprint 128SST Continuous Betaprint 128SST Intermittent

### New devices in version 8.50.07

Manufacturer	Model	
DOMINO	Domino CM5 Domino IM5 Domino V100 Domino V200 Domino V300+ 2" CM Domino V300+ 2" IM	Domino V300+ 5" CM Domino V300+ 5" IM Domino V400 2" Domino V400 5"
SATO	CT408i CT412i CT424i	
ZEBRA	110XiIII Plus UHF (203dpi) 110XiIII Plus UHF (300dpi) 110XiIII Plus UHF (600dpi)	110XiIII Plus HF (203dpi) 110XiIII Plus HF (300dpi) 110XiIII Plus HF (600dpi)

### New devices in version 8.50.06

Manufacturer	Model
SATO	GL408e GL412e

### New devices in version 8.50.05

Manufacturer	Model
DATAMAX	M-4206 Mark II M-4210 Mark II

SATO CX 410	Lt408 (RH) Lt408 (LH) MB400i MB410i
ZEBRA	ZM400 (203 dpi) ZM400 (300 dpi) ZM600 (203 dpi) ZM600 (300 dpi)

### New devices in version 8.10.04

Manufacturer	Model	
DATAMAX	DATAMAX H CLASS	
ITW BETAPRINT	TP2100 TP4000	
SATO	S8408 (RH) S8408 (LH) S8412 (RH) S8412 (LH)	S8424 (RH) S8424 (LH) MB200i
ZEBRA	QL 220 Plus ZPL QL 320 Plus ZPL QL 420 Plus ZPL	QL 220 Plus EPL QL 320 Plus EPL QL 420 Plus EPL

### New devices in version 8.10.02

Manufacturer	Model
DATAMAX	DATAMAX H CLASS

### New devices in version 8.10

Manufacturer	Model
MARKEM	MARKEM 5000 MARKEM 5200 MARKEM 5400

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## Fixed Defects

Ticket ID/ Defect ID	Description
<b>Version 2019.00.00</b>	
44109-44145	In ActiveX size and location of GUI was always using the default display instead of user settings.
47352-47356	Datamatrix - label display is different than final print
46476-46523	Application should select native printer driver instead of windows equivalent when same printer name exists (same as in v2015).
TKX-140491-K4L2-43333	Scroll bar does not allows navigation to entire label when screen is not maximized in some circumstances.
TKX-147377-B8J4-46663	SQL query issue when using Microsoft Text Driver ODBC driver
44920-44942	Unable to change Image color using bottom Color toolbar
44898-44899	Alignment change by script not effective on screen
44615-44645	Human readable mask not applied when using free positioning
<b>Version 2018.01.01</b>	
43937-43938	XLSX database connection issues
<b>Version 2018.01.00</b>	
42920-42921	View mode name (x) is not respected when drag and drop of variable in paragraph in edit mode
42936-42937	Drag and drop of variable on a paragraph should end edit of previous paragraph
42925-42926	Heterogeneous paragraph, texts are not aligned to baseline in v2018
42102-42103	Wrong PDF format when inserted in CODESOFT v2018
40903-41005	WYSIWYG issues on existing label designs
42041-42043	Stretch Mode None display image too big
40220-40221	single Excel database access with different layouts
41692-41693	error when trying to create Table Lookup variables one-by-one.
39125-39128	Text field disappears after switching View Mode
39100-39107	Wysiwyg issue with TTF fonts
40222-40223	error when selecting database search, from label form input display
39528-39592	Barcode with Free Human has Wrong values displayed on label design

40999-41000	text field edit mode not exit automatically when printing
39109-39112	Wysiwyg issue when using Windows graphical emulation
39103-39110	Search in database not triggered by entry key
<b>Version 2018.00.00</b>	
24928- TKX-88803-T3F6	Disabling "Print when enter key is pressed" not working for Direct Printing
27193- TKX-97908-M3S8	upgradewizard starts activation when old dongle is connected
27202- TKX-97370-X5Z5	Network version only sends emails if the License Service Controller is open
27204- TKX-90337-L6K5	Table Lookup wizard not working with CSV connections.
27208- TKX-92510-N1F0	Database Manager - Database view crashes on print screen
31651- TKX-101150-B9Z1	Labels are not printed in the requested order when printing from the search option.
31795- TKX-101514-X1J2	Incorrect GHS Symbol naming
27199- TKX-95639-H9N4	DB connection and free variable displaying issue when both are named equally
<b>Version 2015.00.01</b>	
24994	Database query with parameter crashes when the value of the parameter is changed
24917	Label that contains complex formulas hierarchy can takes long time to load and evaluate.
24945	Specific formula DLL crash during call to custom function
24981-TKX-90393-R3N5	Shared counter not incrementing on first page
<b>Version 2015.00.00</b>	
24307-TKX-83120-P2P9	Number of printed labels are incorrect in direct mode with a 2 layered label
22964-TKX-71556-L8N5	Some TT font are missing in TextArt field
22996-TKX-71684-K0M2	Tagged Text doesn't work when used via Sentinel
24366-TKX-83385-X3L7	Error when using table names with spaces in SQL query
22687-TKX-67907-M0W5	default margin settings checkbox is missing
21462-TKX-58309-R4B4	Label is printed around 30% smaller as on screen with Avery DPM6 or 64-04
21463-TKX-58310-N8F1	Label objects start flickering in content view mode when using database.
21525-TKX-58842-K1Z8	Missing Formula variables when opening labels coming from version 7.
21065-TKX-54956-L8X0	Font width changes after edit properties validation
22687-TKX-67907-M0W5	Default margin settings checkbox is missing

22899-TKX-70749-T0S2	TextArt outline property crashes with windows7/8.
22900-TKX-70750-W4H9	MS SQL Server Type bigint does not work
21789-TKX-64186-T1N9	Upper / lower case problem in When Printed variable
<b>Version 2014.00.00</b>	
21292-TKX-56685-X0V6	ClickPrint adds lots of temp files during each launch
21015-TKX-54462-G1P5	BestBefore formula always display result in English
20908-TKX-52827-M9Z6	FiletoData function doesn't manage unicode text files
20543-TKX-48168-B1Q1	Click Print doesn't display labels with background images correctly
20209-TKX-43832-W4Y4	Connection issue with the pervasive OLE DB Driver
<b>Version 2012.01.00</b>	
20421-TKX-46668-K6D8	Impossible to select a native printer driver with Database Manager on some computers
20320- TKX-37377-V7L8	Driver for Avery 64-05 printer prints labels one by one when using page format '2 labels in a row'
20229-TKX-43832-W4Y4	Application does not work with the pervasive OLE DB Driver
18765- TKX-27669-W0F6	Combo box in Form Designer does not allow user to select fields from a database
19327- TKX-35645-M6Q7	Application crashes at print time with huge print log file
20059- TKX-42049-F9C5	Form customization cannot be set to higher then 510
20165- TKX-43493-N8X2	New label wizard changes values entered for label size
19411- TKX-36286-T1R1	reset counter on variable change malfunction
19911- TKX-39776-N6Q9	Shared variables management improvement
<b>Version 2012.00.00</b>	
17616 - TKX-22864-S6M1	Table ALIAS not accepted with where clause
18043 - TKX-20389-V0Q8	Fields keep old value when query does not return record
18023- TKX-17061-V0N0	Linked counters update issue with 2 labels per row
18041 - TKX-20052-Q4P7	HIBC Wizard omits \$\$ when using date format YYJJJ and separate bar codes
18550-TKX-25914-R4G3	Focus was not on quantity field and new printing box
18567-TKX-24684-S5C7	Bar width of 2/5 interleave barcode not printed correctly in case of some ratio.
18031-TKX-25387-R9R4	Codabar checksum not calculated correctly
<b>Version 10.00.00</b>	
54463-20553	Human Readable on GS1 Databar is complete.
54516-20556	Printer settings now load in Windows printers.

53085-20066	Job modifier tab now appears in all designated areas.
63640-20675	Windows printing mode is now available in Runtime.
72022-20685	Resolved issue with WMF in monochrome palette.
<b>Version 9.10.02</b>	
54628-20577 54736-20595	Application is now stable when using ASCII file.
52663-19978 52659-19975	Speed optimization for text with Word Wrap/Fit to Frame features.
55422-20630	Font and size changes are not modified when data source is changed.
55124-20624	Variable images coming from formulas are properly managed when used with SENTINEL.
<b>Version 9.00.02</b>	
49069-19221	Rename method of the PrinterSystem interface is fixed.
50633-19502 46715-18862	Formula Bestbefore now works with julian day (jj).
45863-18601	Zoom feature now functions as it did in version 8.50.
46997-18958	Counter reset on variable change now functions correctly.
48586-19162	Form no longer appears when Form variables do not exist in layout.
<b>Version 9.00.01</b>	
45538-18481	Date with variable offset (in case of multiple variables) is fixed.
45835-18597	The shared list user interface can now properly display different code page (i.e., Cyrillic).
45451-18469	Formula variables are now refreshed while printing.
45675-18661 45862-18600	The automatic page format for Brady IP printers is improved.
<b>Version 8.51.02</b>	
34391-16068	Excel files with field names that contain Chinese characters are now working.
33780-15966	Printout for DataMatrix/QR code containing Chinese characters is now working.
32222-15961	Barcode wizard is now able to enter alphabetical characters for DataMatrix.
<b>Version 8.51.01</b>	
31161-15576	Counters with values outside of the alphabet are now accepted at print time (backward compatibility with version 6). A warning is displayed at creation time.
29434-15335	Lite or Pro versions are no longer able to lock objects.



27277-14994	Maxicode wizard generates valid default data, whichever mode is selected.
32486-15747	Display is now correct when using a formula that is using other formulas.
<b>Version 8.51.00</b>	
24884-14218	Decrementing hexadecimal counter is now decrementing properly.
14249-12208	Printer speed switch is no longer ignored when printing from SENTINEL.
25866-14508	EAN-14 can now be based on EAN-128 or ITF-14 symbology.
20913-13318	Some characters descenders were cut off (for example, the bottom portion of "g") in Rich Text fields.
11697-13708	In the Runtime version, the printable or non-printable option for objects can now be set through ActiveX.

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## Known Limitations

- Execution of software not allowed under Guest account.
- The Windows system clock must be set to the correct date and time and should not be modified. If the system clock is incorrect then Subscription licenses and licenses requiring an internet connection might not function correctly. For example, a Software license might display a "Connection required" error even though an internet connection is available. To resolve this, you should correct the system clock and reactivate the license. (A quick workaround is to disable the "Check for server certificate revocation" option under Windows Internet Options.)
- Start menu shortcuts aren't immediately accessible in Windows Server 2016  
This is a system issue, that is solved after reboot.(see [Microsoft support article](#))
- When application is used in RemoteApp it is displayed behind the main window.  
This is a system issue (see [Microsoft support article](#)). The solution is to update to Windows 10 version 1807 with latest update (including [KB4284848](#) ).
- After installation application might be slow to launch the first time, this is normal and the result of .NET optimization.
- Under Server 2008 R2, installation of Internet Explorer version 9 or higher is required to use help.
- After this product is installed, it is not recommended to install a previous version. The installation of two different versions of the same product can lead to instability and incorrect behavior.
- Updates KB4055994, KB4055237, KB4054022 and KB4078408 can lead to registry corruption and non-stable application work.  
In such case reinstalling or repairing the product will fix the registry.
- Application and Device Control component of Symantec Endpoint Protection (version 12 or older) antivirus should be uninstalled (not just disabled) before product installation because this component could prevent installation.
- Counter used in Variable Pick List is not incremented while printing if target 'When Printed' variable is not placed on the label.
- Value from Database is not updated during printing if dynamic variable (When Printed, Counter) is used in WHERE clause (SQL Query)
- Database and Table lookup variables with query in SQL mode, do not support Stored Procedure with parameters based on document variables, only fixed parameters are supported.
- The Image transparency feature apply for input image that does not already have a transparency color defined.
- In order to connect to Access or Excel files in version 2007 or later on a system where Microsoft Office 64-bit is installed you will need to install Microsoft's AccessDatabaseEngine 32-bit.  
<http://www.microsoft.com/en-us/download/details.aspx?id=13255>
- Software Key Protection does not support Proxy with authentication. A license that requires internet connection (Online/Platinum) will not be compatible in such case.  
In case of Software Key Protection, IP Security Policy Management (IPsec) settings can create slow response time from Activation server if it is blocked.
- To use this product via RDP (remote application / remote desktop), a network license is required on environments such as Remote Desktop Services (formerly Terminal Services), Citrix, ..

- Under Windows 8 and Windows Server 2012, if the dongle HASP is not recognized, install the driver manually from the DVD using the following command:  
"<Drive>:\Software\Misc\Hasp\_v6.51\Haspdinst.exe -i" (where <Drive> is to be replaced by the letter of the DVD drive).
- When upgrading CODESOFT, we recommend uninstalling any previous versions before installing the new version.
- Shared counters are not incremented in preview mode, only at print time.
- RTF Field has a limitation when used with Fit to Frame option where the size and/or complexity of the RTF text in the input may cause the displayed text to be truncated.
- Using CODESOFT with LABEL ARCHIVE and Windows Firewall:  
The Windows firewall will try to block the connection to CODESOFT and you will get a system message asking to block or to unblock. Choose Unblock. The labeling software will be added automatically to the list of exceptions in Windows Firewall Configuration parameters.
- If you are using a hardware key protected version under Windows 7, the dongle may not be recognized. In this case, you must install the HASP driver manually. Run "InstallDir"\Tools\Donlge\ HASPUserSetup.exe.
- Text objects with composite data sources or different styles (font size or attributes) should be edited using the text properties dialogue only. If you use the text wizard, the text object becomes fixed with a uniform style.
- When importing an image from a network, a path like //MachineName/Path/Filename cannot be entered directly into the "Image Selection" dialog box. The workaround is to map the network drive, or to drag and drop from the explorer.
- When printed: If a mixed formatting string is used in the input mask, before entering the value, use the backspace button to avoid the loss of the first character.  
To enter a value abc123  
Press " <backspace>abc123" if the format string is "@@@###"
- While using the animation option in the wizards, performance may be slightly reduced.  
Turn off this option for faster performance if needed.
- With a hardware key license, when running CODESOFT while system is not fully initialized, CODESOFT may run in EVALUATION mode.  
Make sure the system is fully loaded before running CODESOFT.
- Please note that you may need Administrator's rights to perform some actions, such as adding a printer with non-direct access or creating a system DSN data source. Please verify that you have sufficient rights before performing these actions.
- Query definition only supports Tables within the default schema. If it is necessary to use a table from another schema, the SQL mode should be used, using a syntax like: SELECT \* FROM Schema.Table.
- The Database Manager is a generic database tool that relies on OLE DB Provider (ODBC is not supported). OLE DB Provider or the DBMS itself can both have some limitations. For example, with an Access database, when you set 3 unique fields in Database Manager, only the first one will be set. The recommendation is to use the internal DBMS tools to modify database structure, especially when working on advanced actions (like multiple constraints and primary key modification). The same is true for big tables where the response time can be slow on some operations.
- A database connection must be linked to the DatabaseGrid control displayed in sample form "DBForm.xmlf" in order to show information (i.e.; identity.mdb).

- The ODBC driver has some limitation when used with files (xls, csv, txt...). It is recommended to use the OLE DB driver.
- ODBC drivers are recommended for PostgreSQL. With OLEDB drivers, fields may not be enumerated.
- Visual FoxPro OLEDB Provider v 9.0 is not supported.
- The Manage Multiple Pages option for ListField is not supported with POF technology.
- Layers are not managed in the Print Preview. All Layers are displayed at the same time.
- Layers are not managed in case of LABEL ARCHIVE Reprint.
- When using Layers (Footer/Header...) the quantities defines from control variable (i.e. @SERIALQTY) should not change during multiple records printing as it is not updated after first printed record. Labels with Layers are not optimized for performances.
- It is recommended to use the native Oracle OLEDB driver to access Oracle database instead of Microsoft OLEDB provider that have limitations
- The label version is guaranteed when using ascending version. When using a different a version, please check that all versions are in the same range:

Backward Compatibility Range	CD Masters	Serialization Version
8.00.00-8.00.05	CS800_XX_R1 CS800_XX_R2 CS800_XX_R2_121605 CS800_XX_R2_010606 CS800_XX_R2_020106 CS800_XX_R2_030806	801
8.00.06-8.00.08	CS800_XX_R2_041206 CS800_XX_R2_052206 CS800_XX_R2_062906	802
8.00.09-8.00.10	CS800_XX_R2_080106 CS800_XX_R2_100206	803
8.10.00-8.10.02	CS800_XX_R3_061212 CS800_XX_R3_061214 CS800_XX_R3_070201	804
8.50.00	CS850_XX_R1_070511	807
8.50.01-8.50.03	CS850_XX_R1_070619 CS850_XX_R4_070713 CS850_XX_R4_070927	808
8.50.04	CS850_XX_R4_071120	809
8.50.05	CS850_XX_R4_080215	810
8.50.06	CS850_XX_R4_080402	811
8.50.07-8.50.08	CS850_XX_R4_080521 CS850_XX_R4_080620 CS850_XX_R4_080901	812

8.51	CS850_XX_R5_081002	813
8.51.01-8.51.02	CS850_XX_R5_090126 CS850_XX_R5_090206	814
9.00.00-9.00.01	CS900_XX_R1_091105 CS900_XX_R1_100318 CS900_XX_R1_100326	901
9.00.02-9.00.10	CS900_XX_R1_100920 CS900_XX_R1_1105XX	902
10.00.00-10.04.00	CS1000_XX_R1 CS1001_XX_R2 CS1002_XX_R2 CS1002_XX_R3 CS1003_XX_R4 CS1004_XX_R5	1001
2012.00.00-2014.00.00	CS2012_XX_R1 CS2012_XX_R2 CS2012_XX_R3 CS2012_XX_R4 CS2014_XX_R1	1002
2015.00.00-2018.01.00	CS2015_XX_R1 CS2015_XX_R2 CS2015_XX_R3 CS2016_XX_R1 CS2018_XX_R1 CS2018_XX_R2	1004
2019.00.00	CS2019_XX_R1	1005

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## Compatibility with other TEKLYNX Software

CODESOFT v2019.00 is compatible and fully tested to work with the following TEKLYNX software packages:

- LABEL ARCHIVE 2019.00
- SENTINEL 2019.00

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**France**  
+33 (0) 562 601 080

**Germany**  
+49 (0) 2103 2526 0

**Singapore**  
+65 6908 0960

**United States**  
+1 (414) 837 4800

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