

# What's New

## IN BARTENDER<sup>®</sup> 2019

BarTender software transforms information into the labels, barcodes, RFID tags, smartcards and documents that drive business. BarTender helps our customers around the world improve safety, security, efficiency and compliance through easy, powerful design; fast, accurate printing on demand; comprehensive system control; straightforward integration and legendary technical support.

With the release of BarTender 2019, designing, printing, and managing label operations is substantially improved. BarTender 2019 is the most advanced enterprise labeling software with new features and improvements inspired by our customers. This document summarizes some of the additions and changes to BarTender 2019.

## Improved Design Tools

Beautiful, dynamic labels begin with powerful design tools. With this launch, we have introduced a fresh, new set of design tools aimed at enabling our customers to create beautiful labels. These enhanced tools will enable our customers to create beautiful prime labels, powerful forms, and dynamic tables pulling data from different sources.

### New Text Wrapping and Autofit

BarTender 2019 introduces a new design experience for wrapping text around or fitting text within an object. This improvement is especially useful for customers looking to create beautiful and engaging labels.

### Actions within Forms

The first step in simplifying labeling operations begins with easy to use forms. Actions can be as simple as printing another BarTender document or sending an email message or as complex as writing to a database or performing looping sets of actions. You can now configure actions that you want to run at print time in response to events that are related to the data entry form and the new data entry button control and hyperlink text object.

### Layout Grid and Table Objects

Advanced BarTender documents such as pallet labels and packing slips are easily created with layout grid and table objects. Layout grid objects support dynamic designs, with rows and columns that resize automatically in response to the objects that are contained within the grid cells. Similar to the layout grid, table objects support dynamic data coming from a database or other data source. Table objects support certain functions such as a column's total sum, average, record count and more. Table objects may also span across multiple pages which will assist you in printing dynamic documents that may or may not span multiple pages.



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## Improved Database Tools

Labels are only as good as the data that is included on them. With BarTender 2019, we have created meaningful improvements in how BarTender connects to and leverages databases. We've expanded the number of supported databases, updated our connectors for Microsoft Access and Excel and have added the ability to write data back to SQL based databases.



### Data Builder

Data Builder is a new companion application in the BarTender Suite that you can use to create and manage databases that include one or more tables. You can connect to these databases in BarTender Designer when you want to import the data into a BarTender document. You can also connect to these databases from other applications in the BarTender Suite, including Integration Builder and Process Builder. By using Data Builder to create your database tables, you can replace external applications such as a text editor, Access, Excel, and so on.

### Embedded Database Tables

You can now embed a database in a BarTender document by using the new Embedded Data Table Editor. This editor is similar in appearance and function to the Data Builder companion application, including the same range of data types and field validation options. By using this editor, you can build embedded data tables for use in your BarTender documents.

## New Connectors

### XML

When you connect to an XML file using the Database Setup wizard, it will scan the XML in order to understand its schema or structure of the file. If the schema cannot be found, you will be prompted to provide a schema file in an XSD or DTD file type. After, you would define the master element and all necessary parent/child segments you wish to utilize. Once the wizard is complete, your XML file will take on a flattened structure giving you corresponding database fields that you may add to objects throughout your template design. This new XML connector will be particularly useful when combined with a BarTender integration.

### Microsoft Azure SQL Database

Microsoft Azure SQL Database is a cloud database service that is based on Microsoft SQL Server database technology and built on the Microsoft Azure cloud computing platform. It is used to store relational data in the cloud, and it uses dynamic scalability and integrated optimization features to minimize database administration.

## Improved Connectors

### Excel and Access Integrated Driver

Connect directly to Access and Excel files regardless of what version of Office you have installed.

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## License Management

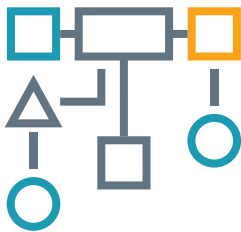


Within the improved Administration Console companion app, licenses, printers, and more can be easily managed in one location. In BarTender 2019, the BarTender Licensing Service replaces the Seagull License Server and now may only run as a service. This improved license management allows users to do the following:

- Monitor printer usage information, which includes details about when printers are approved or denied and which users were using the printer
- Control which users, groups, or locations can connect
- Create printer groups and specify which users can print to which printers
- Block printers from use
- Split license into partitions

## Integration Builder

Seamlessly connect label printing processes to your existing business systems. In BarTender 2019, improvements have been made to Integration Builder to update the user interface, provide better support for variables, improve testing and deployment, and provide additional actions that you can leverage in your integrations.



## Process Builder

This new companion application lets you create customizable process files that run one or more actions in sequence. These process files can automate repetitive operations, and you can use the Process Builder interface as an alternative to programming interfaces such as ActiveX, the Microsoft .NET Framework SDK, the command line interface, or BarTender XML (BTXML) script. The supported actions for Process Builder include the same actions that are available in Integration Builder.

## Native PDF Support and Printing

BarTender 2019 now supports native PDF printing. With this improvement, PDFs are optimized and you should experience faster PDF generation than by using third-party PDF drivers. You can also specify the export options for the PDF, including security and default view options.



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