BarTender

Technical Document
English

What's New

BarTender Cloud – Release 12.5

October 2026

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Overview

With the 12.5 update to BarTender Cloud, Seagull Software continues to enhance your design and printing experience, and to provide easier ways to manage and administer your print operations. This What's New document describes the most significant features that were added or improved in this update.

In This Release

- Intelligent Forms: Using External Data Sets with Intelligent Forms
- Intelligent Forms: Filtering External Data
- Intelligent Forms: View the Image of a Label on the Form Preview Page
- Global Settings: Enforce Single Sign-On
- BarTender ERP Connectors: Enable ERP Connectors for Hybrid Cloud
- Use Service Accounts for Machine-to-Machine Authentication

Intelligent Forms: Using External Data Sets with Intelligent Forms

Importing Data Sets

The External Data Sets feature enables the user to connect a data set to a form and use the data to populate controls on the form. Connected data sets must be represented as tabular data structures with each column treated as a field and each row as a record. Connected data sources must be present in BarTender Cloud's Librarian.

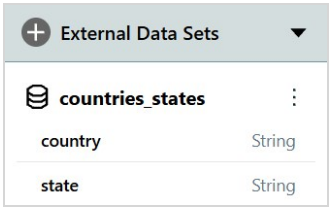
> This release supports importing a single data set per form.

To explore this enhancement, refer to Importing External Data.

To import an external data set, click ⊕ in the External Data Sets panel. In the setup assistant, choose the source of the data to connect. Excel, JSON, text, or .csv data sources can be used.

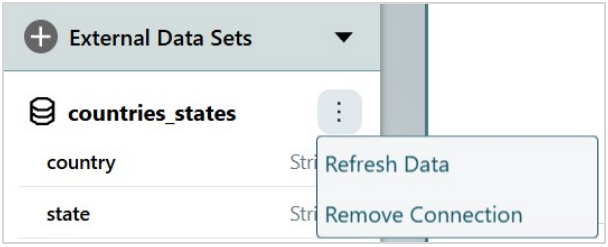
Select the file to use, then specify the options for the data: for example, Excel files let the user choose which sheet in the file to use as the data set, and JSON files let the user specify the master record node. The data set can also be filtered and the filtered data imported into the form.

When the assistant finishes, Intelligent Forms imports the data set.



To refresh the data set, click ⋮ and select **Refresh Data**.

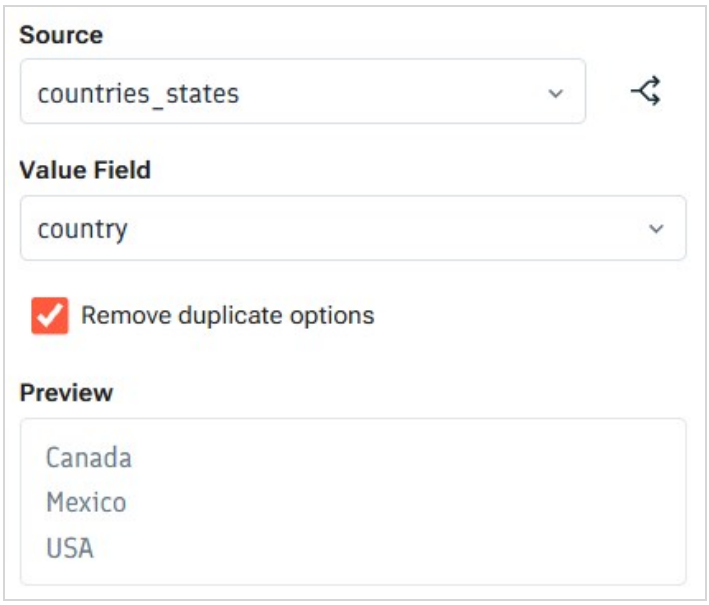
To remove the data set, click ⋮ and select **Remove Connection**.



Data Sources for Controls

Values from data sets can be linked to radio button and dropdown list controls, where they are used to populate the control's options.

- In the Source field, select the data set to work with.
- In the Value Field, select the field containing the records you want displayed on the dropdown list or as radio button options.



Intelligent Forms: Filtering External Data

Use the external data connected to a form to populate the values of a dropdown list or radio button group. Each control can only have one data source and one filter defined for it. However, a page may have more than one control with data and filters attached.

> While a dropdown control can have an unlimited number of options defined for it, a radio button control is limited to ten options maximum. If a data set has more than ten options and a radio button control is going to be used, consider setting up a filter for the data set while importing it that will limit the number of records imported.

To explore this enhancement, refer to Filters.

Once an external data set has been imported, Use the Options tab in the control's properties to work with that control's data set. Use the **Source** button to access the imported data set so values can be assigned to a control and a filter.



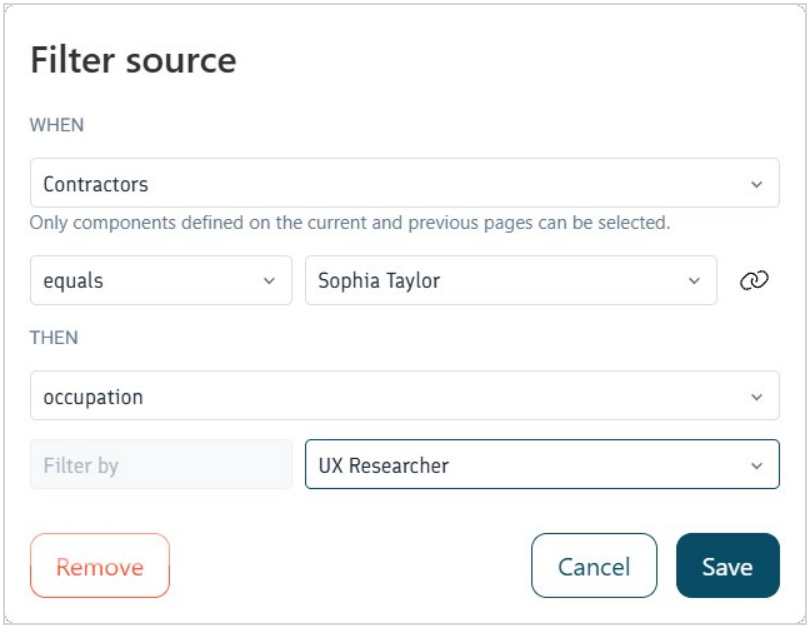
Select the external data set in the Source field and the field containing the records that will populate this control in the Value Field.

A filter can be defined for each control on a form, if necessary. The filter determines how a value in another control determines what options are displayed in this control. To define a filter for the control, click . In the Filter Source dialog, enter these values:

- **When:** Specifies the control that is the source of the value that determines how the target control displays data—filtered or unfiltered.

> Two controls may not use each other as sources for their filters. Filters cannot be reciprocal.

- **(operator):** Specifies the operator that will determine if the filter is triggered by the When control's value.
- **(value):** Selected from the When options' values. This determines which record, when selected, will trigger the filter to run.
- **Then:** Specifies the category of data displayed in this control when the filter is run.
- **Filter By:** Selected from this control's value options. This record determines the values displayed when the filter runs.



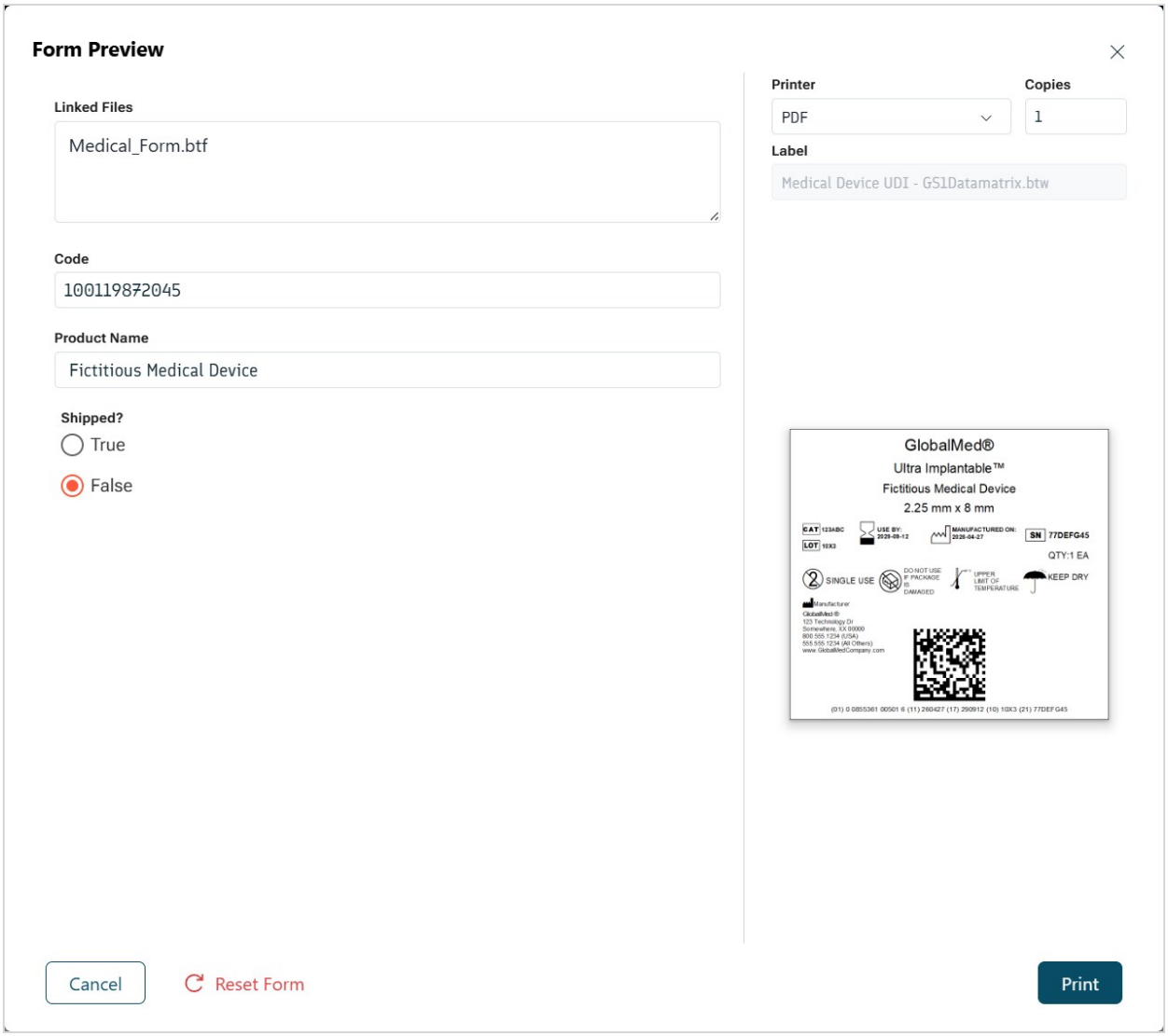
When the filter has been defined, the Intelligent Form Builder displays a message below the Source field describing the filter.



When an Intelligent Form is previewed or printed, selecting a value in a source control will determine what options are available in the target control.

Intelligent Forms: Print Preview Enhanced

Intelligent Forms users can now view a static visual preview of the selected label within the Form Preview page. In addition, the printing fields have been moved from the bottom of the page to the right-hand panel.

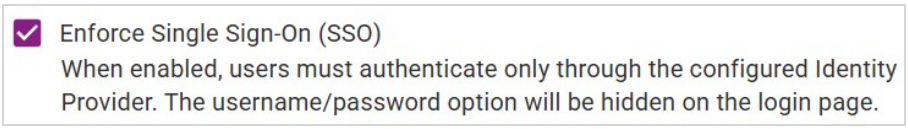


To explore this feature further, refer to Label Image on the Form Preview Page.

A dynamic version of this preview will be available in a later release.

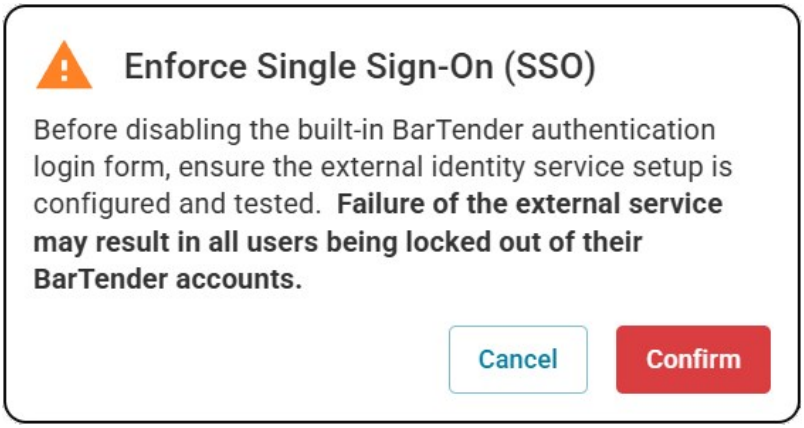
Global Settings: Enforce Single Sign-On

BarTender Cloud's Global Settings page now includes the Enforce Single Sign-On (SSO) checkbox. Selecting this checkbox enables Enterprise administrators to enforce secure, organization-wide authentication policies.



To explore this enhancement, refer to Enforce Single Sign-On.

When this checkbox is selected, users, including administrators, can only authenticate using a configured Identity Provider. Users will be unable to sign in using their email and password. Selecting this checkbox displays a warning:



Users who cannot authenticate through the configured Identity Provider, whether through entering incorrect BarTender Cloud credentials (initial setup) or configuration issues, are locked out of BarTender Cloud after enabling Enforce Single Sign-On.

Please contact Seagull Support if you are locked out of BarTender Cloud.

Hybrid Cloud: Enable ERP Connectors for Hybrid Cloud

With Hybrid Cloud, users can create workflows that employ elements from BarTender Cloud in a BarTender environment: files created and updated in BarTender Cloud are available in the BarTender. Users can also use the Intelligent Forms Designer to create forms in BarTender and store them in the BarTender Cloud Librarian.

Now, ERP connectors have been extended into the Hybrid Cloud. Each of BarTender's connectors enables automation scenarios where printing is initiated from within the customer's ERP system and executed by BarTender Cloud through its APIs. In a Hybrid environment that includes BarTender 12.2 these connectors can now be accessed from within BarTender and utilize BarTender printers.

Microsoft Dynamics 365 Business Central: The Microsoft Dynamics 365 Business Central ERP Connector enables integration between Business Central and BarTender Cloud. Customers can trigger printing workflows directly from Business Central, using Business Central data as input and BarTender Cloud as the printing engine.



Business Central connector currently use password-based API authentication, which requires the API client to be associated with a specific user. As part of the connector configuration, the selected user must have "Allow password-based API access" enabled in BarTender Cloud.

The connectors are still set up in and run from BarTender Cloud but can be accessed from BarTender.

For more information on connectors, refer to Using BarTender ERP Connectors in the BarTender Cloud help.

Integration & Automation: Use Service Accounts for Machine-to-Machine Authentication

Third-party integrations (notably Microsoft Dynamics 365 F&O/SCM) currently depend on BTC REST API test tokens for authentication. These tokens expire every 10 days. This feature introduces a machine-to-machine (M2M) authentication model based on OAuth 2.0 Client Credentials that uses service accounts instead of user-bound tokens. Using service accounts enables secure, long-running integrations with configurable token lifetimes and curated access.

Service Accounts

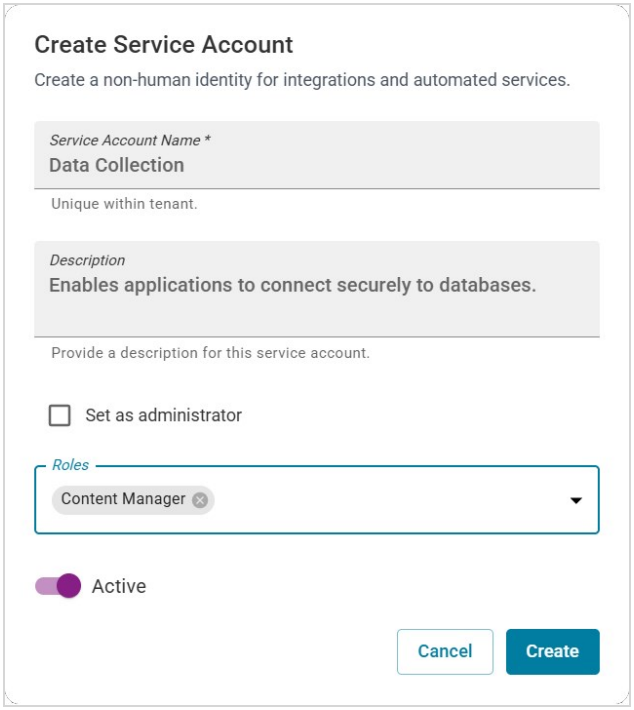
Service Accounts are now available as a custom permission entity that can be assigned to printers, spaces, files, and folders. Service accounts are non-human entities used for integration and automation services. They provide a customizable token and automated authentication process that do not require human intervention.

> A service account is not associated with a human user identity, email address, or interactive login capability.

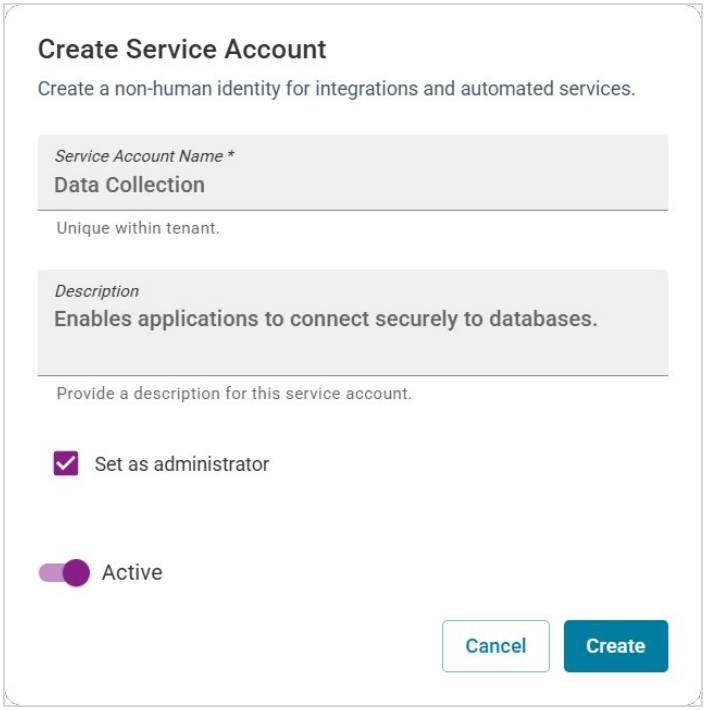
To explore this enhancement, refer to Creating Service Accounts.

Create and manage service accounts on the Service Accounts page (Administration > Settings > Service Accounts).

When you create an account, you need to provide and account name and assign at least one role. The rest of the information is optional.



When you set the service account as an administrator, no additional roles can be assigned.



When you create a service account, BarTender Cloud places the account in the list at the bottom of the page. In this list you can edit the account, disable it, enable it, or delete it. The table also lists how many applications the service account is attached to and whether or not it is active.

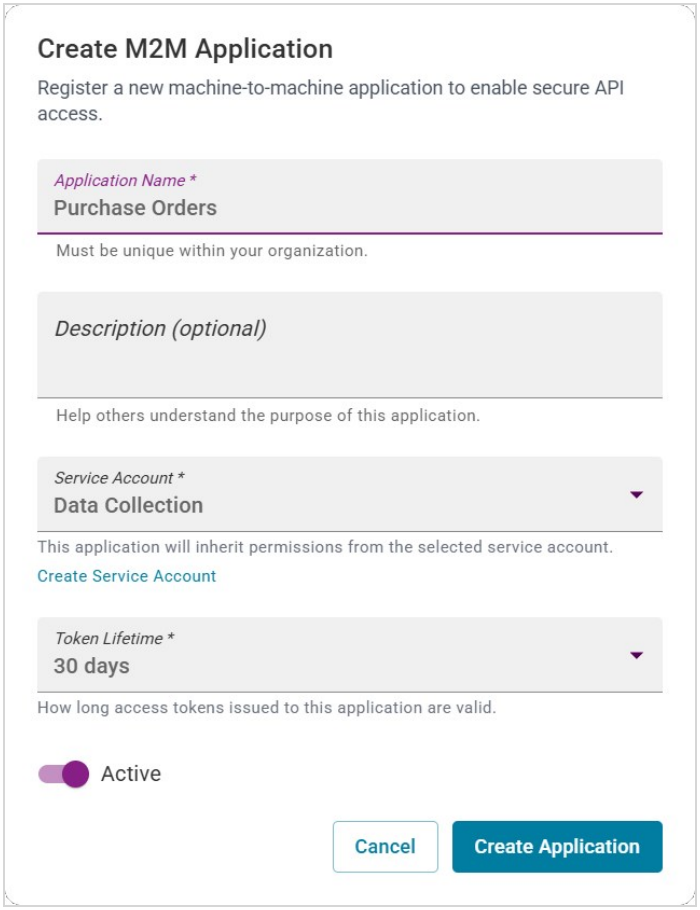
Machine-to-Machine Applications

Machine-to-machine applications are used to authenticate service accounts in lieu of access tokens. Create M2M applications on the API Keys page. Machine-to-machine applications enable the user to set up integrations without relying solely on APIs.

To explore this enhancement, refer to Creating Machine-to-Machine Applications.

Create M2M applications on the BarTender API Keys page (Administration > API Keys).

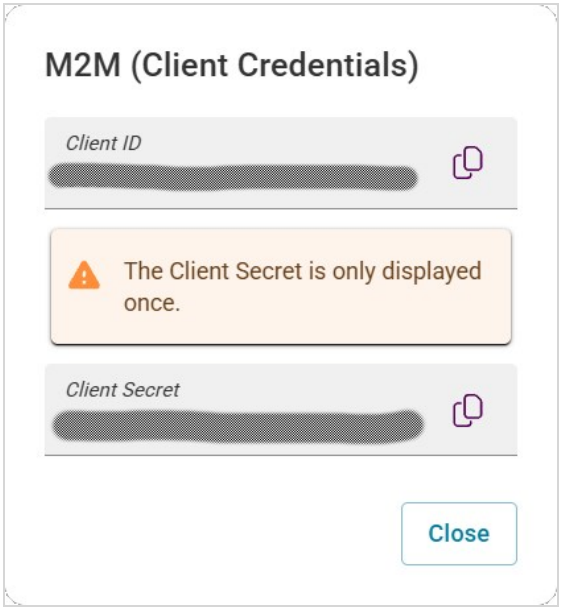
In the Machine-to-Machine (Client Credentials) panel, click Register M2M Application to create the application. An application name, service account, and token lifetime are required to create the application.



The token lifetime can be configured in this dialog. It can be set to one of seven different lengths of time ranging from 1 day to 1 year. Seagull recommends a shorter length of time with more token renewals in order to keep the M2M application secure.

An M2M application may only be associated with one service account; however, a service account may be paired with multiple applications.

After creating the application, use the M2M (Client Credentials) dialog to copy the client ID and the client secret and store them in a secure place. This dialog is the only place, and after creating an application the only time, the client secret is displayed.



Once the M2M (Client Credentials) dialog is closed, the new application appears in the application list.

Supported Plans

Service accounts and Machine-to-machine applications are only supported for subscriptions with API integration support:

- Automation
- Enterprise

Essentials subscriptions do not have access to these features. To get access, upgrade your subscription to Automation or Enterprise.

Related Documentation

Technical Documents

To view and download technical documents, visit:

https://www.bartendersoftware.com/resources/library

Manuals

- Getting Started with BarTender Cloud

BarTender Cloud Help System

- BarTender Cloud
- Managing Your Files
- Printing Documents

Other Resources

- Please visit the Getting Started with BarTender Cloud page on the BarTender Support Portal website.
- Please visit the BarTender website at https://www.bartendersoftware.com.

bartendersoftware.com

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Version 10/15/2026