



BarTender Print Portal

Web-based Software for Printing
BarTender Documents

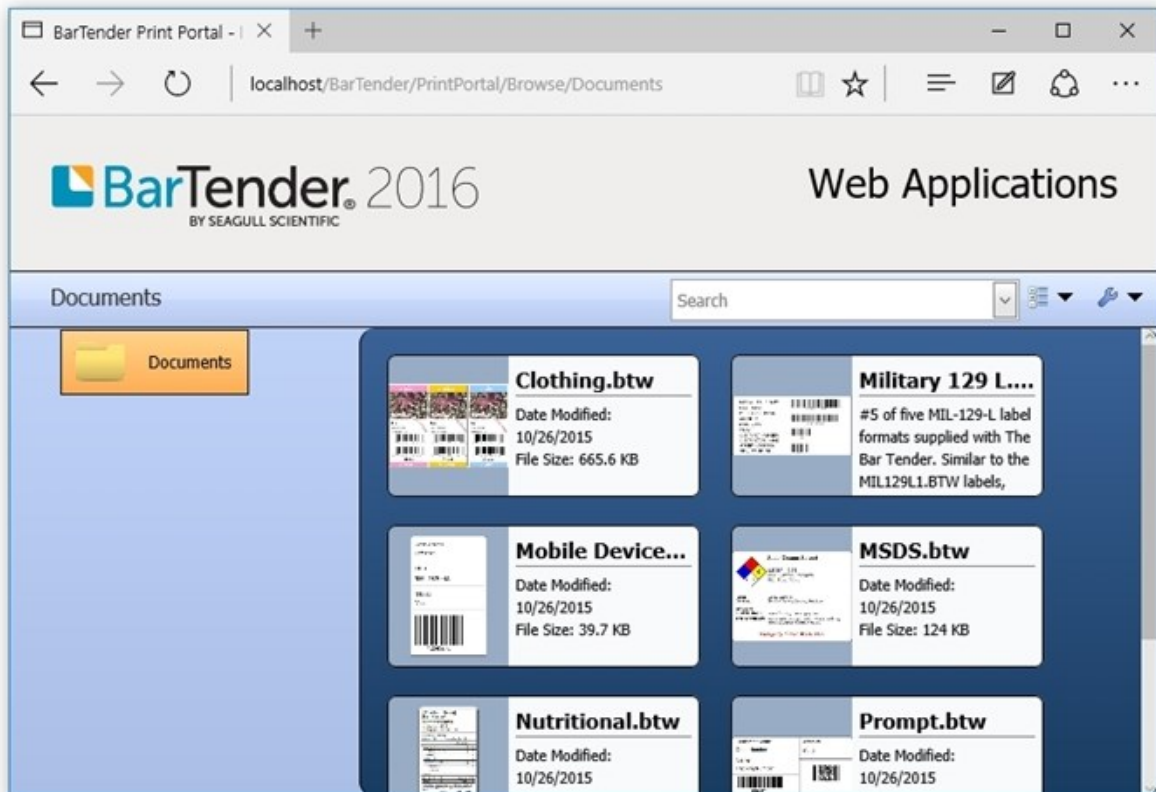
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Overview

BarTender Print Portal is a web-based application that provides an interface for selecting and printing BarTender documents. Prior to BarTender 2016, this application was called Web Print Server (or WPS). With either application, users can print documents simply by browsing to a web page hosted by a server that has BarTender installed.

Print Portal, introduced with BarTender 2016, includes many features that make locating and printing documents quick and easy. Because Print Portal runs on a web server, you can use it to access BarTender documents from any computer connected to the internet. With its built-in security measures, administrators can require users to login to the site, and even assign user permissions granting access to specific documents on the server based on the user logged into the site. Print Portal's intuitive interface lets users quickly locate the document they need to print and send it to the printer with a simple "click" operation.



Installing Print Portal

The following applications must be installed on the host computer to ensure that Print Portal runs successfully:

- IIS
- ASP.NET
- Seagull License Server (in most cases, this is installed on the web server, but it can be installed on a separate computer)
- BarTender (Enterprise Automation or Trial edition), including the BarTender System Database and Print Portal
- Any required printer drivers

For detailed instructions on installing BarTender, the BarTender System Database or printer drivers, refer to the [Getting Started Manual](#), available on Seagull's website or from the BarTender help menu.

Configuring Your Installation

IIS_WEBPRINT Account Permissions

An IIS_WEBPRINT user account is required to run BarTender and access local and network printers. This account is automatically created by the BarTender installer when you install Print Portal. By default, this account is assigned administrative security rights. Depending on your environment, you may wish to modify the default settings. This account controls access to BarTender, local and network printers, and documents on the hosted web service site.

Site Administration

The majority of Print Portal's configuration settings are defined on the **Administration Settings** page. It is used to configure the appearance of the web interface, and it also determines what functionality is available to the users. It is accessed using the URL <http://localhost/BarTender/Admin>.

BarTender Documents

The home page for Print Portal shows previews of all available documents saved in root folder(s), which are specified on the **Administrative Setup** page. By default, the root folder is `c:\inetpub\wwwroot\BarTender\Documents`. The installed sample documents can be removed, modified, or added to. To add documents, copy the new documents to the root directory on the host computer.

Supported Printing Technologies

Print Portal is designed so that anyone can print BarTender documents remotely, no matter what kind of device, operating system, or internet browser is being used.

It does so by supporting three unique client printing technologies, as further described below. A integrated New Printer Wizard walks users through choosing the best print method for their environment.

Client printing (or printing to a printer that is installed on the client device, rather than the host machine) normally requires that a printer driver be installed on both the client and server, and that the exact same model name be used. However, if a particular client printer is compatible with a driver already installed and available on the server, then it can be defined on the **Administrative Setup** page, under **Print Settings**. You can define Wildcard or Regex values to automatically match client printer models with a compatible printer driver on the server.

Web Print Service

The Web Print Service is a Windows service designed by the manufacturers of BarTender software. By installing this service on any Windows device, users can print to any printer on their device (assuming that the same printer driver is also installed on the host computer).

The first time a client user prints a document from Print Portal, he or she will be prompted to install the Web Print Service. Once installed, users have access to client printing, as well as advanced printer and print job status monitoring.

Java Applet

The Java applet allows users to print from client devices that cannot run Windows services, such as Macintosh or Linux computers or mobile devices. It also supports a wide range of browsers, including Internet Explorer, Firefox, Safari and Opera.

Zatar

Zatar is a product of Zebra technologies that allows users to connect to Zebra printers and other devices via a web service. Print Portal natively lets users print to the cloud using Zatar's printing technology, assuming they have registered directly with Zatar.

Security

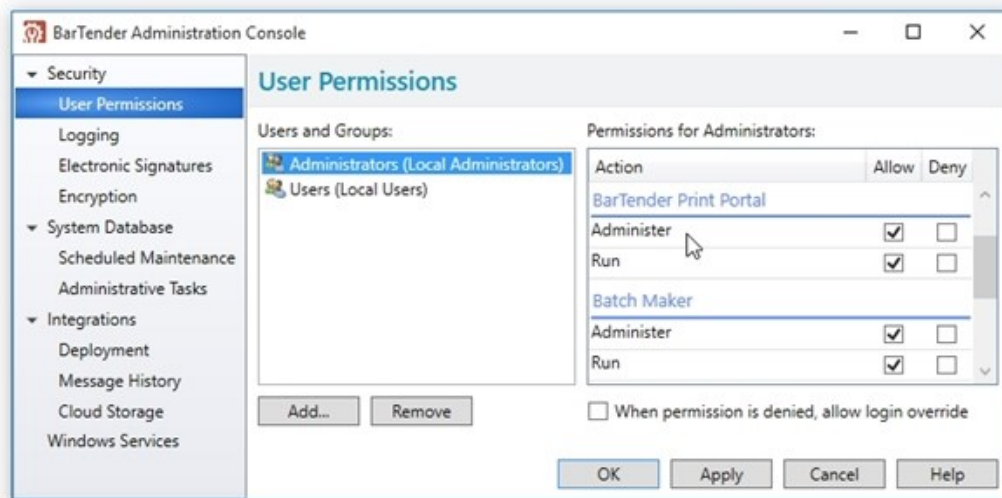
Whether you're a small business or a huge enterprise, protecting your BarTender documents and printing environment is important. With Print Portal, there are many security methods that you can implement to ensure that every user has the appropriate access to documents and administrative settings.

User Authentication

Administrators can configure Print Portal so that users must log in using their Windows accounts. Authentication is enabled in the **Administrative Setup** page of Print Portal. With authentication enabled, access to Print Portal and the **Administration Setup** page is determined by the user permissions defined in Administration Console, as follows:

- Users with the **Run** permission have access to the main Print Portal window, and are able to browse documents and print them.
- Users with the **Administer** permission can access and modify settings in the **Administrative Setup** page (described below).

For more information on defining user permissions in Administration Console, refer to [Defining User Permissions](#) in the BarTender help system.



If you wish to further secure your environment, you can choose to authenticate users over HTTPS. This requires that a security certificate and HTTPS binding is configured for the Print Portal website in IIS.

Administrative Security

Access to Print Portal's configuration settings is controlled by BarTender Administration Console. When authentication is enabled (described above), only users who have permission to **Administer** BarTender Print Portal will be able to access the **Administrative Setup** page, available using the URL <http://localhost/BarTender/Admin>.

Root Folder Visibility

Visibility to specific folders or documents can be enabled or disabled to specific users and/or groups of users. For each root folder you define in Print Portal, you can define unique visibility settings.

Display Configuration

Administrators have control over the appearance of Print Portal and its behavior, including:

- Whether folders are displayed alongside documents in the Browser Window
- Whether document comments and file information are visible from Print Portal
- Whether users can modify the printer selection or quantity when printing a document
- Whether icons are resizable or "locked" at an optimal size
- And more!

Printing Documents

Printing documents from Print Portal is as easy as locating the document and clicking on it. Depending on settings specified in the **Administrative Setup** page, the document will either begin to print immediately or the **Print Document** dialog will appear, allowing you to change the printer selection, specify the number of copies to print, and view a print preview prior to printing the document.

After initiating a print job, Print Portal will display any data entry forms and record selection dialogs that are defined in the document. This allows any user to enter data or search a database for specific records at print-time.

All modern browsers on Windows, Mac, Linux and Android operating systems are fully supported for user-based printing, including Microsoft Edge, Internet Explorer, Chrome, Firefox and Safari. BarTender's web applications are designed using technologies that are widely supported on mobile devices. Print Portal has been tested with a variety of tablets and smart phones, ensuring that you can seamlessly access your documents from any device.

Related Documentation

White Papers and Manuals

- Getting Started with BarTender
- Administration Console
- Print Station

For downloadable versions, visit:

<http://www.seagullscientific.com/support/white-papers>

The BarTender Print Portal App

- [Getting Started Guide](#)

BarTender Help System

- [Print Portal](#)

