

# BarTender® 2022 product FAQ

## Introduction

### 1. Why should I update to BarTender 2022?

With BarTender 2022 you can:

- Print from any browser, on any device, to more printers anywhere, anytime
- Provide print operators the same interface regardless of device or location
- Access data stored in SAP HANA databases
- Integrate and automate BarTender using modern, commonly used APIs and data formats

## General information

### 2. How can I update to BarTender 2022?

If you're an existing customer and have an active Maintenance and Support agreement, you can download BarTender 2022 from the BarTender [customer portal](#).

If you're an existing customer whose Maintenance and Support agreement has lapsed, contact your local reseller or the [BarTender sales team](#) to renew your agreement and update to BarTender 2022.

If you're a new customer, all new BarTender purchases will include the latest version of BarTender 2022.

### 3. If I already have BarTender, is there a cost to update to BarTender 2022?

If you're an existing customer with an active Maintenance and Support agreement, you can update to BarTender 2022 at no additional cost. One of the many benefits of BarTender Maintenance and Support is free updates to new versions of BarTender.

If you're an existing customer with an expired Maintenance and Support agreement, contact your local reseller or the [BarTender sales team](#) to purchase a Maintenance and Support renewal and update to BarTender 2022.

### 4. Where can I download BarTender 2022?

Visit the BarTender [customer portal](#).

**5. Where can I get answers to my technical questions about BarTender 2022?**

The [Technical FAQ](#) is available on the BarTender support site.

**6. Can I still update to BarTender 2021 or older versions?**

If you're an existing customer and have an active Maintenance and Support agreement, you can download BarTender 2021 and older versions [here](#).

Check the BarTender [life cycle schedule](#) for the availability of previous versions of BarTender.

**7. Can I try BarTender 2022 before purchasing?**

BarTender 2022 is available in a [30-day trial version](#). The 30-day trial software is our full-featured Enterprise Edition. All features are included. Printing will be disabled after 30 days.

**8. What are the system requirements for BarTender 2022?**

You can view the system requirements [here](#).

**9. Will BarTender 2022 be available in a both 64- and 32-bit versions?**

BarTender 2022 will only be available in a 64-bit version. For our last BarTender 2021 release, we see +94% of customers using the 64-bit version. With the advent of faster and better computing hardware, support for 32-bit processors is rapidly winding down including Microsoft discontinuing support for new 32-bit versions of Windows 10 starting with version 2004. Windows 11 and Windows Server are only available in 64-bit versions.

This 64-bit version of BarTender 2022 also supports the bundled Microsoft SQL Server Express 2019 which is 64 bit only. For customers that require a 32-bit version of BarTender, BarTender 2021 is still [available](#) as a 32-bit download.

**10. What features are available in each BarTender Edition?**

You can view the features in our Starter and Professional Editions for small businesses and departments [here](#).

You can view the features in our Professional, Automation and Enterprise Editions for enterprise organizations [here](#).

**11. Is technical support included with my BarTender 2022 purchase?**

Every new edition bundle purchase of BarTender includes one year of Maintenance and Support, which provides you access to our legendary technical support team and free version updates. You can also purchase additional years of Maintenance and Support.

## Print Portal

### 11. What is Print Portal?

BarTender Print Portal is a web-based service providing device- and location-independent access to label printing, revision control and workflow state management. Using any modern web browser, you can access BarTender documents from any computer connected to the internet. You can learn more about installing, configuring, securing and using Print Portal by reading the updated BarTender Print Portal Technical Document [here](#).

### 12. What's new for Print Portal in BarTender 2022?

With BarTender 2022, Print Portal is available in three BarTender editions (Professional, Automation Editions and Enterprise). Some Print Portal features (REST API, Librarian and workflow integration) require the Enterprise Edition.

BarTender 2022 Print Portal enhancements include:

- New security properties provide added control over user access
- New folder color and image customizations to improve the user experience
- Reorganized property pages to simplify the administration experience

To learn more about the improvements to Print Portal in BarTender 2022, check out the updated BarTender Print Portal Technical Document [here](#).

## Print Station

### 13. What is Print Station?

BarTender Print Station is the Windows-based BarTender companion application providing users direct access to label printing. In BarTender 2022, Print Station has been improved, matching the intuitive and modern interface introduced with Print Portal in BarTender 2022. Enhancements to Print Station include:

- Streamlined modern UI with improved performance
- Point-and-click printing
- Familiar grouping options like author, categories, tags and products to organize labels and documents, making it easier and faster to find and print labels
- Sorting options like names and dates to speed up document selection
- Document- and form-level action support to enable or limit user behaviors
- BarTender Librarian integration including revision control workflows (Enterprise Edition only)
- Folder customization using colors and images, making document collections stand out

- Customizable corporate branding with your logo and color scheme
- Security options to grant/limit user access for folders
- Improved standalone kiosk mode (using Microsoft Windows 10 kiosk mode)

To learn more about the improvements to Print Station in BarTender 2022, check out the updated BarTender Print Station Technical Document [here](#).

## SAP HANA

### 14. What is SAP HANA?

SAP HANA is a relational database platform from SAP. SAP HANA is currently the only supported database for SAP's S/4 HANA business suite and a choice for SAP Business One. Previous SAP ERP releases could use 3<sup>rd</sup> party databases from Oracle and others.

### 15. What support for SAP HANA is included in BarTender 2022?

In Preview 1, we added support for the SAP HANA database to BarTender. Using the SAP HANA database connector, businesses can now access and use data stored in SAP HANA tables. BarTender supports SAP HANA 2.0 SPS 03 and later versions, and BarTender can access on-premises and cloud instances of SAP HANA.

### 16. Can I access SAP S/4 HANA or SAP Business One, HANA edition with the BarTender SAP HANA database connector?

Not directly. S/4 HANA and Business One HANA editions are the ERP and business applications SAP provide that use SAP HANA databases for the underlying database infrastructure. The SAP HANA database connector in BarTender 2022 connects to the underlying SAP HANA database, not the ERP business environment. To integrate with SAP ERP systems, you can use Integration Builder – see question #19.

### 17. Can I integrate BarTender 2022 to S/4 HANA or SAP Business One HANA?

Yes. BarTender Automation and Enterprise Editions include Integration Builder, software developer kits (SDKs) and web service APIs for direct integration with SAP ERP and business applications, independent of the underlying SQL database.

## BarTender REST API

### 18. What is a REST API?

A Representational State Transfer (REST) Application Programming Interface (API) is designed with the web and web services in mind. RESTful APIs are widely used across the web today, providing a simple, uniform architectural approach for integration between client applications and web services.

### 19. What is the BarTender REST API?

The BarTender REST API introduces a new option for users and integrators looking to automate label printing and associated tasks. With the BarTender REST API, customers can connect client applications to BarTender using common web service mechanisms and automate their label printing using an extensive set of automation actions. Client applications can be written in any programming language, including JavaScript, Ruby, Java, C#, Perl and Python.

What's new:

- RESTful web service endpoints that can receive automation script action requests
- An extensive set of automation actions (over 70) that BarTender can perform, including:
  - Print actions for labels and documents
  - Transform actions for data sent to BarTender
  - Input actions directing BarTender to process data from files, network sockets and serial ports
  - Output actions directing BarTender to output data to specified destinations
  - Execute actions controlling the execution flow of an integration
  - File actions directing BarTender to manage files and folders
- Integrate BarTender and enterprise applications with scripting formats such as YAML and JSON, in addition to BarTender BTXML
- A YAML Actions Reference guide detailing BarTender automation script actions using the YAML file format
- OpenAPI documentation detailing the BarTender REST API

## Digimarc

Note: BarTender 2022 includes a “new feature preview” of support for Digimarc watermarks.

### 20. What can I do with the Digimarc support in BarTender 2022?

BarTender 2022 adds to BarTender's support of barcode and marking symbologies with the inclusion of Digimarc watermarks. With BarTender 2022, label designers can create prototype label designs incorporating Digimarc watermarks, so they can experience how the design and print process in BarTender works. The BarTender 2022 support for Digimarc demonstrates the process label designers and print users will follow when full Digimarc support is released. In BarTender 2022, label designers can:

- Create label templates that contain Digimarc watermarks
- Use the GS1 Data Source Wizard to associate GS1 GTIN information with the Digimarc watermark
- Print a sample label containing the Digimarc watermark. However, as this is a demonstration, the final printed label will carry predefined sample data

- Test printed labels enhanced with Digimarc watermark in their scanning environment

In BarTender 2022, while any format of a Digimarc watermark can be created and applied to a label template, BarTender will replace entered data with predefined sample data in the printed label.

**21. What is a digital watermark?**

A digital watermark is designed to blend into a label design. The Digimarc watermark is a proprietary technology that appears as a pattern of tiny dots, barely visible to the human eye, distributed across the entire label. The pattern can be detected by Digimarc-enabled handheld barcode scanners, in-counter scanners, industrial vision systems and mobile devices. A list of supported hardware is available at <https://www.digimarc.com/enabled-hardware>.

Unlike traditional 1D barcodes, Digimarc watermarks are repeated across the label design, allowing a Digimarc-enabled scanner to read the data anywhere, from any angle, resulting in more reliable scanning, economies of motion and greater resilience to damage.

**22. Who should use BarTender for Digimarc watermarks?**

Digimarc watermarks are used in various industries and use cases, including retail, consumer brand packaging, intellectual property and digital asset protection, supply chain and logistics, recycling and more. Any commercial organization using or considering using Digimarc watermarking technology is a potential user of BarTender 2022, particularly if they are interested in variable-data printing (VDP).

**23. When will full Digimarc support be available?**

Expect more information once our full Digimarc support is completed.

**24. If I want to use a Digimarc watermark, what do I do?**

Digimarc watermarks are available for individual license or as part of an enterprise agreement. Contact Digimarc directly at <https://www.digimarc.com/contact/sales> for more information. To make sure the Digimarc team can help you effectively, prepare to discuss your application and be sure to mention BarTender.

## Omron barcode verifier

Note: BarTender 2022 includes a “new feature preview” of support for Omron barcode verifiers.

### 25. How is the Omron barcode verifier supported in BarTender 2022?

BarTender 2022 supports the Omron V275 Series in-line verifier and print quality inspection system, manufactured by Omron Industrial Automation, when it is integrated into a Zebra ZT610 thermal label printer that has a Microscan LVS-7520 scanner installed. A **verifier** device ensures that your labels are compliant with regulations and quality requirements at the point of label production.