

BarTender 2019 Features



General		Enterprise	Automation	Professional	Free
Streamlined installation	Easy installation for both 32-bit and 64-bit versions of BarTender	•	•	•	•
User interface	Intuitive, real-world tested user interface, translated in more than 20 languages	•	•	•	•
Predefined documents	A collection of configurable, industry-focused, ready-to-use BarTender documents	•	•	•	•
Comprehensive help system	A complete how-to library, accessible both through BarTender and on the web	•	•	•	•
Intelligent Templates™	Design and automation tools which leverage data to reduce the number of label files	•	•	•	•

Printer drivers and monitoring		Enterprise	Automation	Professional	Free
Drivers by Seagull™	Windows printer drivers by Seagull Scientific enable high-performance printing	•	•	•	•
Print optimizations	Improve print speed by taking full advantage of printer-based features such as serialization, barcodes, real-time clock, static data and graphic caching	•	•	•	•
Status monitoring	Reports information back to Windows regarding printer/print job status and error conditions	•	•	•	•
Printer configuration and diagnostics	Perform printer management functions in BarTender, bypassing the printer front panel	•	•	•	•
Other printer drivers	Print to any printer that has a Windows-based driver	•	•	•	•
Email alerts	Automatically notify IT managers or other operational team members if labeling problems occur	•	•	•	•

Template design		Enterprise	Automation	Professional	Free
Easy WYSIWYG template design	Design tools make it easy to create and print professional labels and documents	•	•	•	•
New Document Wizard	An easy-to-follow wizard that ensures proper document settings for quality and printing performance	•	•	•	•
Fonts	Versatile support for OpenType, TrueType and native printer-based fonts	•	•	•	•
Text formatting	Familiar, Word-like tools for you to easily create and format text	•	•	•	•
Text transforms	Add flair to your text objects with a variety of effects, such as fading, inflating, slanting, and more	•	•	•	•
Shapes and lines	Choose from over 50 shapes and 100 line style combinations	•	•	•	•
Text wrapping	Create dynamic text that wraps inside and around shapes, objects, document borders and more	•	•	•	•
Unmatched barcode support	Easily create more than 100 linear and 2D symbologies and standards	•	•	•	•
Barcode human readable	Highly configurable human readable text and character formatting options	•	•	•	•
GS1 Application Identifier Data Source Wizard	Build barcodes in seconds using the latest GS1 compliance standards	•	•	•	•
Graphics and images	Import more than 70 graphic formats, including AI, PNG, JPG, BMP, TIF, EPS and GIF	•	•	•	•
Symbols	Choose from a wide variety of included symbols and industry-based symbol fonts	•	•	•	•
Tables and grids	Create tables and grids to organize text, barcodes, images and other objects	•	•	•	•
White-on-black printing	Switch objects from black-on-white to white-on-black printing with a single click	•	•	•	•
Front and back template design	Create two-sided “duplex” printing with separate designs for the front and back of your template	•	•	•	•



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Intelligent Templates™		Enterprise	Automation	Professional	Free
Auto fit text	Create text objects that automatically adjust to fit within a defined space	•	•	•	•
Layers	Template objects may be stacked, hidden and reordered when created on uniquely identifiable layers	•	•	•	•
Conditional Printing	Create data-driven automation rules that specify when different objects, layers or templates in your document will visibly print or become hidden.	•	•	•	•
Auto-sized graphics	Automatically resize graphics in response to other variably sized or static template objects	•	•	•	•
Automatic face detection and cropping	Automated image capture creates perfectly cropped photos for ID badges and card printing	•	•	•	•
Dynamic text and object wrapping	Variable data seamlessly wraps around other dynamically changing objects such as images and shapes	•	•	•	•
Scriptable object properties	Modify the look and feel of template objects by using powerful Visual Basic scripts	•	•	•	•
Template Selector	Conditionally print one specific template when multiple templates are available in a document	•	•	•	•
Suppression	Ignore the content of a data source under certain conditions	•	•	•	•

Data sourcing and databases		Enterprise	Automation	Professional	Free
Serialization	Create serial numbers using comprehensive tools that support alphanumeric, hexadecimal, and custom sequencing patterns	•	•	•	•
Date and time	Dynamically source dates and times from Windows or clock-enabled printers	•	•	•	•
Data validation and processing	Specify data validation rules and automatically correct data or issue warnings	•	•	•	•
Concatenate data	Create text and barcode objects that combine information from multiple data sources	•	•	•	•
Embedded database tables	Create your own database tables that travel with your BarTender document designs	•	•	•	
Database connectivity	Print dynamically by connecting your BarTender document designs to external data sources such as SAP, Oracle, MS SQL, Azure SQL, XML, Data Builder, Excel, text files and more	•	•	•	
Named database connections	Name commonly used database connections to quickly add them to new document designs	•	•	•	
Database filters	Print select database records using convenient query and filter options	•	•	•	
Database sourced tables	Easily create tables using data from a database or external file	•	•	•	
Global database fields	Centralize a data field and share it between BarTender documents and workstations	•	•	•	
Dynamic data preview	See how your document handles real dynamic data during the design process	•	•	•	
Dynamic graphics and images	Automatically source images for printing based on selected database records or queries	•	•	•	
Visual Basic scripting	Create scripts for custom data processing	•	•	•	
Create a database	Build your own database from scratch using intuitive tools included with BarTender	•	•	•	
Write back to databases	Write back to SQL-based databases to keep track of printed records, serial numbers and much more	•	•	•	

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Data-entry forms		Enterprise	Automation	Professional	Free
Powerful form controls	Make data input and selection easy by leveraging over 15 highly configurable form controls	•	•	•	
Keyboard and mouse input	Use keyboard and mouse commands to select or enter data into forms at print time	•	•	•	
Scanner input	Use a barcode scanner to input information to data-entry forms at print time	•	•	•	
Weighing scale input	Populate the weight of an item at print time by connecting your weigh scale to BarTender	•	•	•	
Image capture	Capture images at print time for ID cards or event badge printing	•	•	•	
Data validation	Reduce user input errors by introducing data validation and error checking	•	•	•	
Database record selection	Select or query the correct database records at print time using helpful form controls	•	•	•	
Security and alerts		Enterprise	Automation	Professional	Free
Role-based security	Assign permissions to applications and functions using Windows Active Directory users and groups or local Windows users	•	•	•	
Document password	Disable design and print functionality for those without the password	•	•	•	
Print-only password	Disable design functionality for those without the designated password	•	•	•	
Integration and automation		Enterprise	Automation	Professional	Free
Intelligent Forms	Create forms that run automated processes and actions based on user selections, user input or during certain events, e.g. click a button to print an optional document or automatically notify other systems that labels have printed	•	•		
Business systems	Seamlessly integrate automated label and document printing with any business system, including SAP, Oracle, Infor, Highjump, Epicor, Netsuite, Sage and more	•	•		
Web services	Exchange data in real-time with BarTender to automate label and document printing, return print job status, and far more using RESTful and SOAP-based web services	•	•		
TCP/IP sockets	Stream data to BarTender to automate label and document printing, print job status and other data exchanges using this bidirectional communication method	•	•		
Database monitoring	Monitor database tables to automate printing, update database records, insert captured print data and much more.	•	•		
File drop	Monitor local, network, and cloud-based folder locations to automate label and document printing	•	•		
Data integration	Integrate automated printing processes using all common data structures and formats such as XML, JSON, SAP IDOCs, Oracle XML, ASCII & Unicode delimited text-based data	•	•		
Cloud storage monitoring	Monitor cloud-based locations with your BarTender integrations, including Amazon S3, Dropbox, FTP/SFTP, and others	•	•		
SDK	.NET SDK seamlessly integrates functionality available in your edition, e.g. label and document printing, reprinting, document management, and more (ActiveX and Command Line/Shell Script support also available)	•	•		
Print management		Enterprise	Automation	Professional	Free
Document management	Centralized document storage and workflows enable design management and traceability	•			
Electronic signatures	Enable electronic signatures for audit trail accountability and compliance	•			
Document encryption	Secure document usage between validated BarTender workstations	•			
System auditing	Review history of print jobs, document changes, electronic signatures and user actions	•			

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BarTender®

BY SEAGULL SCIENTIFIC

Centralized printing		Enterprise	Automation	Professional	Free
Web printing	Select and print documents using a web browser	•			
Mobile printing	Select and print documents using Android and iOS mobile apps	•			
Tested and proven for enterprise environments	Certified by SAP and Oracle	•			

Printing, encoding and exporting		Enterprise	Automation	Professional	Free
Print productivity	Print labels and documents to any Windows-based printer	•	•	•	•
On-demand printing	Print labels and documents on-demand	•	•	•	•
Batch printing	Batch together dynamic print jobs that can use one or more BarTender templates	•	•	•	•
Print preview	Review your dynamic print jobs before printing	•	•	•	•
Image exporting	Export entire template images or specific objects in 35+ formats	•	•	•	•
RFID & smart card encoding	Encode RFID tags and smartcards as easily as adding barcodes to your template design	•	•	•	
Native PDF generation	Generate PDFs without installing third-party PDF drivers	•	•	•	
Printer code templates	Design templates in BarTender and export printer code that can be used with other print systems	•	•		
Reprint labels and documents	Reprint identical copies of previously printed labels and documents that may be misplaced or damaged	•	•		

Support		Enterprise	Automation	Professional	Free
Free support	Access to online resources, plus technical support by email	•	•	•	•
Standard Maintenance and Support	Upgrade to the latest BarTender version free, and get live technical support by phone and chat during business hours with a guaranteed 24hr response time. Free for the first year.	•	•	•	
Premium 24/7 Support	Add-on to Standard Maintenance and Support which provides 24/7 live support access with a guaranteed 2 hour response time	•			

Included companion applications		Enterprise	Automation	Professional	Free
Librarian	Centrally manage documents and create workflows for template approval using role-based security	•			
Print Portal	Allows dynamic web-based printing right from your web browser. Works with our Print Portal App for mobile printing from Android and iOS devices	•			
Printer Maestro	Provides management tools for printers and print jobs throughout a corporate network	•			
History Explorer	Review logged data and generate informative reports for print history, user access and more	•			
Integration Builder	Connects BarTender with your business systems to enable automated printing directly from those systems	•	•		
Process Builder	An easy graphical UI to build your own custom label and document printing solutions without knowing programming languages like C# or VB.NET	•	•		
Reprint Console	Reprint identical copies of previously printed labels and documents that may be misplaced or damaged	•	•		
Data Builder	Build and manage your own database without external applications like Excel or Access	•	•	•	
Print Station	A simple, efficient interface for selecting and printing BarTender documents	•	•	•	
Administration Console	A single destination for managing the features available in your edition, including security, licensing, integrations, printer failover and more	•	•	•	•