BarTender® 2021 features

BarTender® BY SEAGULL SCIENTIFIC

General		Professional	Automation	Enterprise
Business label design and management	Robust easy-to-use design tools, Intelligent Templates™ and basic printing	•	•	•
Dynamic business printing	Database connectivity, data entry forms, security, encoding and manual printing	•	•	•
Efficient automated printing	Intelligent forms, application building and automated printing		•	•
Comprehensive enterprise-wide printing	Centralized management, certified integrations, document management, web & mobile printing and comprehensive security			•

Included Applications		Professional	Automation	Enterprise
Administration Console	Manage and configure BarTender administration and system settings	•	•	•
Designer	Create your label and document templates - also serves as the print engine when integrating and automating the label printing process	•	•	•
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	•	•	•
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 the need for coding like C# or VB.NET		•	•
History Explorer	Centralized data logging and audit trail including print history, user access and more		*	•
Reprint Console	Reprint identical copies of previously printed labels and documents that may been misplaced or damaged		*	•
Printer Maestro	Provides centralized print management tools for printers and print jobs throughout a corporate network			•
Librarian	Centrally manage documents and create workflows for template approval using role-based security			•
Print Portal	Allows dynamic web-based printing and workflow review/approval right from your web browser			•

Support		Professional	Automation	Enterprise
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.	Includes 1 year	Includes 1 year	Includes 1 year
Premium Maintenance and Support	Add-on option to Standard Maintenance and Support which provides 24/7 live support access with a guaranteed two hour response time		•	•

*Enterprise Edition supports unlimited days of records and centralized logging while Automation Edition supports 7 days of records and individual logging views.

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Easy-To-Use Design		Professional	Automation	Enterprise
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, Symbol Font characters and native printer-based fonts	•	•	•
Text formatting	Familiar, Word-like tools for you to easily create and format text	•	•	•
Transformed Text	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	•	•	•
Dynamic text and object wrapping	Create dynamic text that wraps inside and around shapes, objects, document borders and more	•	•	•
Full color support	Design commercial quality labels using PANTONE and data-sourced colors	•	•	•
Unmatched barcode support	Choose from over 100 1D and 2D symbologies based on over a dozen standards	•	•	•
Barcode human readable	Highly configurable human readable text and character formatting options	•	•	•
GS1 Application Identifier Data Source Wizard	Autoformat GS1-compliant barcodes	•	•	•
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	•	•	•
Image exporting	Export entire template images or specific objects in 35+ formats	•	•	•
Embedded revision logging	Capture a revision trail directly in the document — when it was saved, who saved it and additional comments	•	•	•
Comprehensive help system	A complete how-to library, accessible both through BarTender and on the web	•	•	•

Intelligent Templates™		Professional	Automation	Enterprise
Label templates	Design and automation tools that leverage data to reduce the number of label files you manage	•	•	•
Conditional printing	Create data-driven automation rules that specify when different objects, layers or templates in your document will visibly print or become hidden	•	•	•
Template selector	Conditionally print one specific template when multiple templates are available in a document	•	•	•
Layers	Template objects may be stacked, hidden and reordered when created on uniquely identifiable layers	•	•	•
Automatic face detection and cropping	Automated image capture creates perfectly cropped photos for ID badges and card printing	•	•	•
Scriptable object properties	Modify the look and feel of template objects by using powerful Visual Basic scripts	•	•	•
Suppression	Ignore the content of a data source under certain conditions	•	•	•

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Dynamic data and databases		Professional	Automation	Enterprise
Advanced 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	•	•	•
Enhanced database connectivity	Connect document designs to over 20 data sources such as SAP, Oracle, MS SQL, Azure SQL, XML, Excel, text files and more to print dynamically	•	•	•
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 field	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	•	•	•
Write back to databases	Write back to SQL-based databases to keep track of printed records, serial numbers and much more	•	•	•
Phrase Library	Build your own library of standard multi-lingual text including auto-translate and TMX export/import			•

Data-entry forms		Professional	Automation	Enterprise
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 weighing 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	•	•	•

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Integration and automation		Professional	Automation	Enterprise
Intelligent Forms	Create forms that run automated processes and actions based on user selections, user input or during certain events		•	•
Document Level Actions	Reduce manual efforts by triggering actions in response to events such as printing		•	•
Business systems	Seamlessly integrate automated label and document printing with any business system, including SAP, Oracle, Infor, HighJump, Epicor, NetSuite, Sage and more		•	•
Integrations	**Web services:** Use RESTful web services to exchange data in real-time to run actions		•	•
	File drop: Monitor local, network and cloud-based folder locations (including Amazon S3, Dropbox, FwTP/SFTP) to run actions and automate		•	•
	Email: Monitor email reception and print according to its contents		•	•
	TCP/IP sockets: Stream data to run actions using this bidirectional communication method		•	•
	Database monitoring: Monitor when data is inserted or changed in database table fields to run actions		•	•
	RS232 Serial: Run actions when data is received		•	•
	Other: Run actions according to a time schedule or when a message is posted to a Microsoft Message Queue		•	•
Integration data	Integrate automated printing processes using all common data structures and formats such as XML, JSON, SAP IDOCs, Oracle XML, ASCII & Unicode coded text-based data		•	•
Integration actions	Enable label printing, database queries, network communications and much more with over 70 action types		•	•
.NET SDK	Seamlessly integrate printing, scheduling and database functionality (including ActiveX Automation and Command Line/Shell Script support)		•	•
.NET SDK (Print Portal and Librarian API)	Seamlessly integrate Print Portal and Librarian revision control functionality (including ActiveX Automation and Command Line/Shell Script support)			•

Printing		Professional	Automation	Enterprise
Drivers by Seagull™	More than 6,500 printers and output devices supported to 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	•	•	•
Printer configuration and diagnostics	Perform printer management functions in BarTender, bypassing the printer front panel	•	•	•
Print productivity	Print labels and documents to any Windows printer driver	•	•	•
On-demand and batch printing	Print labels and documents on-demand or batch together using one or more BarTender templates	•	•	•
Print preview	Review your dynamic print jobs before printing	•	•	•
RFID, smartcard and magnetic stripe encoding	Encode RFID tags, smartcards and magnetic stripe cards 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		•	•
Web printing	Select and print documents using a web browser			•
Printer failover	Automatically redirect to another printer in the event of printer failure			•

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Centralized Management		Professional	Automation	Enterprise
Reprint labels and documents	Reprint identical copies of previously printed labels and documents that may been misplaced or damaged		*	•
Centralized role-based permission management	Centrally manage user and group roles for printing and management features			•
Centralized document storage	Track and manage the entire organization's label templates in one place			•
Template files and revision control	Manage revisions across the organization - roll out changes in an instant to all users			•
Optimized label design workflows	Define design and publishing workflows to enable management and traceability			•
Define workflow team	Increase team accountability during the label revision and publishing process			•
Workflow Designer	Speed up label design, review and production process with drag and drop visual Workflow Designer			•
System audit trail	Review history of print jobs, document changes, electronic signatures and user actions			•

Security and alerts		Professional	Automation	Enterprise
Role-based security	Assign permissions to applications and functions using Windows Active Directory users and groups, or local Windows users	•	•	•
Document and printing password	Require a password to design and/or print	•	•	•
Status monitoring	Reports information back to Windows regarding printer/print job status and error conditions	•	•	•
Email alerts	Automatically notify IT managers or other operational team members if labeling problems occur		•	•
Electronic signatures	Enable for audit trail accountability and regulatory compliance			•
Document encryption	Secure document usage between validated BarTender workstations			•
Backup and resilient licensing server	Improve business continuity and disaster recovery with high availability options			•

*Enterprise Edition supports unlimited days of reprinting records while Automation Edition supports 7 days of reprinting records

BarTender Release 11.2 R1 and later versions

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