

BarTender				
		Professional	Automation	Enterprise
General				
Dynamic Data Printing	Data entry forms, Intelligent Templates™, database connectivity, encoding and manual printing	✓	✓	✓
Efficient automated printing	Business system integration, intelligent forms, application building and automated printing		✓	✓
Comprehensive enterprise-wide printing	Centralized management including document, workflow and print management along with comprehensive security and high availability			✓
Unlimited users	Enable multiple users to print labels from any networked PC	✓	✓	✓
Number of printers	BarTender is licensed by printer	1+ printers	2+ printers	2+ printers
Included companion applications				
Administration Console	Manage and configure BarTender administration and system settings	✓	✓	✓
Designer	Create label and document templates – also serves as the print engine when integrating and automating the label printing process	✓	✓	✓
History Explorer	Centralized data logging and audit trail including print history, user access and more	†	†	✓
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	✓	✓	✓
Print Portal	Allows dynamic web-based printing and workflow review/approval right from your web browser	‡	‡	✓
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		✓	✓
Reprint Console	Reprint identical copies of previously printed labels and documents that may be 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			✓
Easy-to-use design				
Text formatting	Familiar, MS Word-like tools for creating and formatting tekst	✓	✓	✓
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	✓	✓	✓
Human readable barcode	Highly configurable human readable text and character formatting options	✓	✓	✓
GS1 Application Identifier Data Source Wizard	Construct GS1-compliant barcodes in seconds	✓	✓	✓
Graphics and images	Import more than 70 graphic formats, including AI, PNG, JPG, BM, 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	✓	✓	✓

Embedded revision logging	Capture a revision trail directly in the document – when it was saved, who saved it and include additional comments	✓	✓	✓
Intelligent Templates				
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	✓	✓	✓
Scriptable object properties	Modify the look and feel of template objects by using Visual Basic (VB) scripts	✓	✓	✓
Suppression	Ignore the content of a data source under certain conditions	✓	✓	✓
Dynamic data and databases				
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	✓	✓	✓
Basic database connectivity	Import variable data from Excel or a RFC 4180 standard CSV files into your template	✓	✓	✓
Simple serialization	Increase or decrease your serial string data by increments of one (1)	✓	✓	✓
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	✓	✓	✓
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	✓	✓	✓
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	✓	✓	✓
Advanced serialization	Create serial numbers that support alphanumeric, hexadecimal and custom sequencing patterns	✓	✓	✓
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	✓	✓	✓
Named database connections	Name commonly used database connections to quickly add them to new document designs	✓	✓	✓
Visual Basic (VB) scripting	Create scripts for custom data processing	✓	✓	✓
Global database field	Centralize a data field and share it between BarTender documents	✓	✓	✓
Advanced global database field	Centralize a data field and share it between BarTender documents and workstations			✓
Phrase library	Build your own library of standard multi-lingual text including autotranslate and TMX export/import			✓
Data entry forms				
Database record selection	Select or query the correct database records at print time using helpful form controls	✓	✓	✓
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	✓	✓	✓
Data validation	Reduce user input errors by introducing data validation and error checking	✓	✓	✓
Integration and automation				

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 (ERP, WMS, or MES), including SAP, Oracle, Infor, Körber, Microsoft, Epicor, NetSuite and Sage		✓	✓
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, FTP/SFTP) to run actions and automate		✓	✓
	Email: Monitor email 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 common data structures and formats such as XML, JSON, SAP IDoc, 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, document management, revision control and database functionality (including ActiveX Automation and Command Line/Shell Script support)		✓	✓
BarTender REST API	Seamlessly integrate BarTender actions to automate printing and business processes		✓	✓
Print Portal REST API	Seamlessly integrate Print Portal web printing			✓
Centralized management				
Printer failover	Automatically redirect to another printer in the event of printer failure			✓
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 including web-based Print Portal support			✓
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, monitoring and alerts				
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	✓	✓	✓
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			✓

† The Enterprise Edition supports unlimited centralized logging; The Starter, Professional and Automation Editions support the logging of up to seven days of data to a local database only.

‡ Supports web-based printing only

§ The Enterprise Edition supports reprints with no restrictions; The Automation Edition supports unlimited reprinting of documents from the logged print jobs.

Basic databases only (Excel or RFC 4180 standard CSV file)

¶ Enterprise Edition supports unlimited days of reprinting records, while Automation Edition supports 7 days of reprinting records