CREATE, AUTOMATE, AND MANAGE LABELS, BARCODES, RFID TAGS, AND MORE

BARTENDER AND ENTERPRISE DEPLOYMENTS

THE SCALABLE, TRUSTED SOFTWARE FOR ENTERPRISE LABELING

When you choose BarTender®, you're getting a proven enterprise labeling system that simplifies supply chain and compliance labeling, instead of a complicated one that creates ongoing costs.

BarTender is built from the ground up to support the complexities of enterprise-scale deployments. It's the labeling software standard for the world's most dynamic supply chains and manufacturing operations in every industry—from aerospace and automotive to chemical and pharmaceutical, from food and beverage to retail and medical devices. BarTender provides the security, traceability, transparency, and interoperability that enable regulatory compliance and supply chain velocity.

BarTender offers the flexibility to define your labeling solution based on your needs. It completely integrates with virtually any business system or WMS (Warehouse Management Software), including Oracle, SAP, IBM Websphere, Sage, Infor, HighJump, Epicor, and Microsoft Dynamics—even "homegrown" WMSs. And you can print from virtually any operating system, device, or web browser. BarTender enables verified users to choose designs, complete print-time data forms, and launch print jobs to any printer on the internet, anywhere in the world, with just a few clicks in a browser or the BarTender Print Portal App.

BARTENDER PROFESSIONAL SERVICES FOR THE ENTERPRISE

The BarTender® professional services team operates with one goal: to give your business a powerful competitive advantage. There's not a scenario we haven't seen or a problem we haven't solved in our collective decades of experience. We've managed enterprise labeling deployments that feature ERP integrations, intricate data management schema, built centrally managed installations that span thousands of global sites—in highly regulated environments, in every industry, and across every geography.

A spectrum of configurable security options

BarTender offers layers of security options, ranging from simple Print-Only mode to complex role-based permissions, configurable to meet every business need.

- Manage access to label design and modification, database setup, document saving, printing, and more from a central location onsite—or at a facility on the other side of the world.
- Apply label format encryption to any security level, providing an additional layer of protection against unauthorized use.
- Password-protect individual layers to prevent unauthorized edits.
- Combine BarTender's electronic signature feature and comprehensive data logging to bring full audit trail accountability to the entire labeling process, enabling compliance with high security standards, including the 21 CFR Part 11 guidelines.

Centralized control and compliance

BarTender's comprehensive system management features enable enterprises to centrally monitor and secure their design and printing operations across sites and continents.

- Rapidly deploy label design, data, and format changes enterprise-wide in response to shifting business needs—and maintain data integrity.
- Consolidate management of your system's labeling processes and workflows, deploying the business rules and process controls that create value while reducing redundant and duplicated activities.
- Connect your business data with almost any output device, including printers, RFID encoders, and marking devices.
- Standardize formats, symbologies, and security features throughout the enterprise.
- Support regional differences such as languages, regulations, and units of measure, whether you have one device at a single site or thousands at facilities around the world.
- Share global data fields—such as incrementing serial numbers—among all documents.

Powerful design and process automation with Intelligent Templates™

BarTender's exclusive Intelligent Templates™ provide unmatched versatility and control over label design and automation.

- Reduce the design and maintenance of hundreds of individual label templates to just a handful of flexible documents.

- Automatically trigger the printing of design layers and even individual objects based on a single data source, database field, or multiple conditions—all without scripting.

BUILT TO MEET THE INTEROPERABILITY DEMANDS OF THE SUPPLY CHAIN

BarTender offers the flexibility to define your labeling solution based on your needs. Its native support for XML means that it's simple and straightforward to connect BarTender to the systems you use every day—financial, data warehouse, WMS, HR, and more.

AUTOMATE INTEGRATION WITH YOUR DATA, WHEREVER IT LIVES

Completely integrate BarTender's printing capabilities with virtually any business system, WMS, or ERP, including Oracle, SAP, IBM Websphere, Sage, Infor, HighJump, Epicor, and Microsoft Dynamics—even "homegrown" systems.

SUPPORT FOR THE MOST COMPLEX CONFIGURATIONS

Schedule multiple actions within a single trigger event such as a POST or GET web request, arrival of an email, saving of a file, or modification to a database. Connect and communicate via XML, TCP/IP, UDP, or HTTP. BarTender supports JSON, C#, and SOAP messages.

AVOID PRODUCTION STOPPAGES BECAUSE OF PRINTER ERRORS

Sometimes things go wrong with printers. They go offline. They run out of ink or media. Queues pause unexpectedly. BarTender seamlessly manages failover and printer redirects to keep your labeling in production.

GIVE YOUR PRINT OPERATORS AN INTUITIVE USER EXPERIENCE

The BarTender Integration Builder live preview wizard helps you set up dynamic forms so the print operator can easily search and select records and incorporate print-time input.

MAINTAIN YOUR CURRENT SYSTEM'S LOOK AND FEEL

BarTender can be integrated so it doesn't "show" in your ERP or WMS, providing a seamless experience. Many labeling operators aren't aware that BarTender is behind the scenes administering access, integrating data into the labeling process, calculating and generating barcodes and RFID, and capturing labeling audit trails for regulatory compliance.

EVERYTHING YOU NEED FOR ENTERPRISE LABELING, NO HIDDEN COSTS

The Enterprise Edition comes complete with all features and companion applications. BarTender's native support for XML means there's no extra API required to connect your label system to your data—no custom coding required, no hidden charges. Even standard maintenance and support are free for the first year.

BARTENDER FEATURE COMPARISON

Feature	Description	Professional	Automation	Enterprise
General				
Comprehensive help system	A complete how-to library, accessible both through BarTender and on the web	•	•	•
Ease of use	Intuitive, easy-to-use user interface, translated to more than 20 languages	•	•	•
Quick start	A collection of configurable, industry-focused, ready-to-use BarTender documents	•	•	•
Streamlined installation	Easy installation for both 32-bit and 64-bit versions of BarTender®	•	•	•
Unlimited users	Enable multiple users to print labels from any networked PC	•	•	•
Included printers	BarTender is licensed per printer	Per printer	Per printer	Per printer
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	•	•	•
Intelligent Templates™	Design and automation tools that leverage data to reduce the number of label files	•	•	•
Efficient automated printing	Intelligent forms, application building, and automated printing		•	•
Comprehensive enterprise-wide printing	Centralized management, certified integrations, document management, web and mobile printing, and comprehensive security			•
Support				
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 24-hour response time; first year included	•	•	•
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		•	•
Easy to Use Design				
Barcode human readable	Highly configurable human readable text and character formatting options	•	•	•
Dynamic text and object wrapping	Create dynamic text that wraps inside and around shapes, objects, document borders, and more	•	•	•
Easy WYSIWYG design tools	Design tools make it easy to create and print professional labels and documents	•	•	•
Fonts	Versatile support for OpenType, TrueType, Symbol Font characters, and native printer-based fonts	•	•	•
Front and back template design	Create two-sided "duplex" printing with separate designs for the front and back of your template	•	•	•
Graphics and images	Import more than 70 graphic formats, including AI, PNG, JPG, BMP, TIF, EPS, and GIF	•	•	•
New Document Wizard	An easy-to-follow wizard that ensures proper document settings for quality and printing performance	•	•	•
Shapes and lines	Choose from over 50 shapes and 100 line style combinations	•	•	•
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	•	•	•
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	•	•	•
Unmatched barcode support	Choose from over 100 1D and 2D symbologies based on over a dozen standards	•	•	•
White-on-black printing	Switch objects from black-on-white to white-on-black printing with a single click	•	•	•
Automatic face detection and cropping	Automated image capture creates perfectly cropped photos for ID badges and card printing	•	•	•
Embedded revision logging	Capture a revision trail directly in the document—when it was saved, who saved it and additional comments	•	•	•
Full color support	Design commercial quality labels using PANTONE and data-sourced colors	•	•	•
GS1 Application Identifier Data Source Wizard	Autoformat GS1-compliant barcodes	•	•	•
Image exporting	Export entire template images or specific objects in 35+ formats	•	•	•

Feature	Description	Professional	Automation	Enterprise
Intelligent Templates™				
Concatenate data	Create text and barcode objects from multiple data sources	•	•	•
Conditional printing	Create data-driven automation rules that specify when different objects, layers, or templates in your document will visibly print or become hidden	•	•	•
Label templates	Design and automation tools that leverage data to reduce the number of label files you manage	•	•	•
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 powerful Visual Basic scripts	•	•	•
Suppression	Ignore the content of a data source under certain conditions	•	•	•
Template selector	Conditionally print one specific template when multiple templates are available in a document	•	•	•
Dynamic data and databases				
Data validation and processing	Specify data validation rules and automatically correct data or issue warnings	•	•	•
Date and time	Dynamically source dates and times from Windows or clock-enabled printers	•	•	•
Basic database connectivity	Connect to Excel or a RFC 4180 standard CSV file to import variable data into your template	•	•	•
Serialization, Simple	Increase or decrease your serial string data by increments of one (1)	•	•	•
Data validation	Reduce user input errors by introducing data validation and error checking	•	•	•
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 images	•	•	•
Embedded database tables	Create your own database tables that travel with your BarTender document designs	•	•	•
Enhanced database	Connect document designs to over 20 data sources such as SAP, Oracle, MS SQL, Azure connectivity SQL, XML, Excel, text files, and more to print dynamically	•	•	•
Global database field	Centralize a data field and share it between BarTender documents and workstations	•	•	•
Named database connections	Name commonly used database connections to quickly add them to new document designs	•	•	•
Serialization, Advanced	Create serial numbers using comprehensive tools that support alphanumeric, hexadecimal, and custom sequencing patterns	•	•	•
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	•	•	•
Create a database	Build your own database from scratch using intuitive tools included with BarTender	•	•	•
Phrase Library	Build your own library of standard multi-lingual text including auto-translate and TMX export/import			•
Data-entry forms				
Database record selection	Select or query the correct database records at print time using helpful form controls	•	•	•
Image capture	Capture images at print time for ID cards or event badge printing	•	•	•
Keyboard and mouse input	Use keyboard and mouse commands to select or enter data into forms at print time	•	•	•
Powerful form controls	Make data input and selection easy by leveraging over 15 highly configurable form controls	•	•	•
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	•	•	•

Feature	Description	Professional	Automation	Enterprise
Printing				
Drivers by Seagull™	More than 6,500 printers and output devices supported to enable high-performance printing	•	•	•
Email alerts	Automatically notify IT managers or other operational team members if labeling problems occur	•	•	•
On-demand and batch printing	Print labels and documents on-demand or batch together using one or more BarTender templates	•	•	•
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	•	•	•
Print preview	Review your dynamic print jobs before printing	•	•	•
Print productivity	Print labels and documents to any Windows printer driver	•	•	•
Printer configuration and diagnostics	Perform printer management functions in BarTender, bypassing the printer front panel	•	•	•
Status monitoring	Reports information back to Windows regarding printer/print job status and error conditions	•	•	•
Batch printing	Batch together dynamic print jobs that can use one or more BarTender templates	•	•	•
Other printer drivers	Print to any printer that has a Windows-based driver	•	•	•
Administration Console	Manage and configure BarTender administration and system settings	•	•	•
Native PDF generation	Generate PDFs without installing third-party PDF drivers	•	•	•
RFID, smartcard, and magnetic stripe encoding	Encode RFID tags, smartcards and magnetic stripe cards as easily as adding barcodes to your template design	•	•	•
Printer code templates	Design templates in BarTender and export printer code that can be used with other print systems		•	•
Printer failover	Automatically redirect to another printer in the event of printer failure			•
Web printing	Select and print documents using a web browser			•
Included Applications				
Data Builder	Build and manage your own database without external applications like Excel or Access	•	•	•
Designer	Create your label and document templates—also serves as the print engine when integrating and automating the label printing process	•	•	•
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		•	•
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		*	•
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		•	•
.NET SDK	Seamlessly integrate printing, scheduling, and database functionality (including ActiveX Automation and Command Line/Shell Script support)		•	•
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			•
Printer Maestro	Provides centralized print management tools for printers and print jobs throughout a corporate network			•

Feature	Description	Professional	Automation	Enterprise
Integration and Automation				
Business systems	Seamlessly integrate automated label and document printing with any business system, including SAP, Oracle, Infor, HighJump, Epicor, NetSuite, Sage, and more		•	•
Document Level Actions	Reduce manual efforts by triggering actions in response to events such as printing		•	•
Integration actions	Enable label printing, database queries, network communications, and much more with over 70 action types		•	•
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		•	•
Integrations	**Database monitoring:** Monitor when data is inserted or changed in database table fields to run actions		•	•
Integrations	**Email:** Monitor email reception and print according to its contents		•	•
Integrations	**File drop:** Monitor local, network, and cloud-based folder locations (including Amazon S3, Dropbox, FwTP/SFTP) to run actions and automate		•	•
Integrations	**Other:** Run actions according to a time schedule or when a message is posted to a Microsoft Message Queue		•	•
Integrations	**RS232 Serial:** Run actions when data is received		•	•
Integrations	**TCP/IP sockets:** Stream data to run actions using this bidirectional communication method		•	•
Integrations	**Web services:** Use RESTful web services to exchange data in real-time to run actions		•	•
Intelligent Forms	Create forms that run automated processes and actions based on user selections, user input or during certain events		•	•
Reprint labels and documents	Reprint identical copies of previously printed labels and documents that may been misplaced or damaged. Enterprise Edition supports unlimited days of reprinting records while Automation Edition supports 7 days of reprinting records.		•	•
.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)			•
Centralized Management				
Centralized document storage	Track and manage the entire organization's label templates in one place			•
Centralized role-based permission management	Centrally manage user and group roles for printing and management features			•
Define workflow team	Increase team accountability during the label revision and publishing process			•
Optimized label design workflows	Define design and publishing workflows to enable management and traceability			•
System audit trail	Review history of print jobs, document changes, electronic signatures, and user actions			•
Template files and revision control	Manage revisions across the organization—roll out changes in an instant to all users			•
Workflow Designer	Speed up label design, review and production process with drag and drop visual Workflow Designer			•
Security & Alerts				
Email alerts	Automatically notify IT managers or other operational team members if labeling problems occur	•	•	•
Document and printing password	Require a password to design and/or print	•	•	•
Role-based security	Assign permissions to applications and functions using Windows Active Directory users and groups, or local Windows users	•	•	•
Backup and resilient licensing server	Improve business continuity and disaster recovery with high availability options			•
Document encryption	Secure document usage between validated BarTender workstations			•
Electronic signatures	Enable for audit trail accountability and regulatory compliance			•

Create and automate labels, barcodes and more

Labels

Barcodes

RFIDs

Cards

Canon

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