



White Paper

Choosing the Right BarTender Edition

Edition Summary and Feature Comparison Chart



Comparing the Five Editions

Enterprise Licensing: All three Enterprise editions allow unlimited network users. Licensing is based on the maximum number of printers used by BarTender on the network.

Enterprise Print Server

Our most powerful edition. Includes all of the label design, printing, and software integration features of the Enterprise and RFID Enterprise editions, plus advanced server functions for centralized printing and administration. Includes BarTender Web Print Server to print labels from any browser. Contains our most advanced integration features, including TCP/IP triggers, XML transforms, and XML scripting. Printer Maestro manages entire printer network. Job logging, History Explorer, and Reprint support local or central database. Track printer parts inventory and in-printer media usage.

RFID Enterprise Edition

All features of the base Enterprise edition (see below), plus all available RFID design and encoding capabilities.

Enterprise Edition

Includes – All the label design features of Professional, plus numerous software integration tools, such as ActiveX Automation, enterprise messaging and Seagull's Commander utility for cross-platform integration. Powerful data sourcing, including ODBC, OLE-DB, SAP, Oracle, and more. Job Logging, History Explorer and Reprint Console are included, but logging is only supported to a local database. Includes Printer Maestro, but it only manages network printers visible to the local PC.

Omits – No RFID. Does not offer the enhanced server functions, advanced integration, and web printing capabilities of Enterprise Print Server (see above). No inventory control of printer supplies.

PC Licensing: The Professional and Basic editions are licensed based on the number of PCs.

Professional Edition

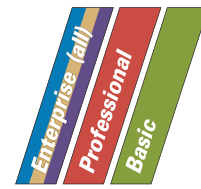
Includes – All of BarTender's most powerful label design features. Most of the advanced data access capabilities, including OLE DB and ODBC. Includes Printer Maestro, but it only manages network printers visible to the local PC. Fully network compatible.

Omits – Not designed for control from within other software. Does not offer ActiveX Automation, Commander or command line integration. No SAP, Oracle, or XML support. No job logging or e-mailed error alerts. Cannot export printer code templates. No job logging, no History Explorer, no Reprint, and no inventory control of printer supplies.

Basic Edition

Includes – The most frequently used label design features. Includes all text, graphics, bar code, and most serializing capabilities. Useful for keyboard and scanner-supplied label data only.

Omits – No access to external data. No password protection, no VB Script customization, no string concatenation, and only limited text filtering. No custom-base serialization. Excludes all features omitted from the Professional Edition. No Printer Maestro.



FEATURES LIST	EDITIONS		
GENERAL			
Licensed based on the number of printers used	•	•	•
Licensed based on the number of PCs used	•	•	•
Free phone and e-mail technical support for properly-registered users	•	•	•
HTML-based context-sensitive help	•	•	•
LABEL DESIGN			
True WYSIWYG label design	•	•	•
"New Label" wizard ensures proper label setup and optimizes performance	•	•	•
Drag and drop creation of all objects, including lines, boxes, ellipses, and graphic images	•	•	•
Unlimited undo / redo command	•	•	•
Resize and reposition objects using a choice of methods: mouse, arrow keys, typed in values	•	•	•
Functions for automatic alignment of multiple objects	•	•	•
One-tenth degree rotation of lines, boxes, text, and graphics	•	•	•
"Move to Front" and "Send to Back"	•	•	•
Group and Ungroup multiple objects	•	•	•
Export bar codes and labels for use in other programs	•	•	•
Full color support (including text backgrounds and shape fills)	•	•	•
Customizable print-time prompts for keyboard and scanner data	•	•	•
Enhance print-time prompts with lines, boxes, custom text, and multiple choice list boxes	•	•	•
Customizable library of reusable components	•	•	•
Library of "ready-to-print" label formats	•	•	•
Thumbnail previews of saved label formats, viewable in BarTender and Windows explorer	•	•	•
Metric and US measurement systems	•	•	•
Password protection	•	•	•
LABEL STOCK			
Any label size	•	•	•
Any number of label rows and columns per sheet	•	•	•
Automatic computation of label size from number of rows and columns	•	•	•
Database of thousands of name brand label sizes	•	•	•
Rectangular label outline	•	•	•
Circular and elliptical label outline	•	•	•
TEXT			
Versatile font support: TrueType, Adobe, PostScript, downloadable, and built-in printer fonts	•	•	•
On-screen text editing and sizing	•	•	•
Rich text formatting	•	•	•
Automatic on-the-fly resizing of text to fit within predefined height and width	•	•	•
Basic paragraph support: aligning and spacing	•	•	•
Advanced paragraph support: justifying and indenting	•	•	•
Arc and circular text	•	•	•
User-definable tab stops	•	•	•
GRAPHICS, IMAGES AND SYMBOLS			
Draw lines, circles, ellipses, rectangles, rounded rectangles and filled rectangles	•	•	•
Import more than 70 graphic formats, including BMP, DCX, DIB, DXF, EPS, GIF, IMG, JPG, PCX, PNG, TGA, TIF, WMF, WPG, and more	•	•	•
Industry-specific graphic symbol font libraries	•	•	•
Specify background images and colors to appear "behind" label designs	•	•	•
SERIALIZATION			
Numeric, Alphabetic, and Alphanumeric Increment / Decrement by any interval	•	•	•
Base 36 and Custom Base serialization	•	•	•
Separate Rollover / Rollunder and Reset value options	•	•	•
Preserve or expand field length when rolling over	•	•	•



FEATURES LIST	EDITIONS				
BAR CODES					
Numerous 1 and 2 dimensional symbologies	•	•	•	•	•
Extensive library of industry-standard bar code formats	•	•	•	•	•
Option to display start / stop characters	•	•	•	•	•
Variable and unlimited width and height	•	•	•	•	•
Minimum width limited only by printer resolution	•	•	•	•	•
GS1 (formerly UCC/EAN) Application Identifier setup wizard	•	•	•	•	•
Automatic check digit capability	•	•	•	•	•
Sequentially numbered bar codes	•	•	•	•	•
Place "human readable" text anywhere in relation to bar codes	•	•	•	•	•
Customizable "human readable" character template	•	•	•	•	•
Independently suppress or display characters from different sub-fields	•	•	•	•	•
PRINTING					
Over 1,700 industrial label printers supported	•	•	•	•	•
True Windows drivers, can be used by other programs	•	•	•	•	•
Seagull drivers with status monitor display printer status in the standard Windows spooler	•	•	•	•	•
Export printer code templates to XML enabled printers	•	•	•	•	•
Advanced on-screen print preview	•	•	•	•	•
Advanced cutter control	•	•	•	•	•
Set starting position on pages of partially used labels	•	•	•	•	•
Supports printer-based bar codes, serial numbers, time, date, and copies	•	•	•	•	•
Speed optimization reuses repeating data instead of resending it	•	•	•	•	•
Local and network printer support	•	•	•	•	•
Label copy count controllable from keyboard and database	•	•	•	•	•
DATABASE OPTIONS					
Microsoft OLE DB and ODBC support, including drivers for: Access, AS/400, Btrieve, dBase, Excel, FoxPro, Informix, Interbase, Linux, MySQL, Oracle, Paradox, Pervasive.SQL, PostgreSQL, Progress, SQL Server, Sybase, and more	•	•	•	•	•
Read Excel files	•	•	•	•	•
Read ASCII and Unicode text files (quote & comma, fixed width, and user-defined delimitation)	•	•	•	•	•
SAP-certified interface to All (Auto ID Infrastructure) XML documents	•	•	•	•	•
SAP IDocs and Oracle XML label requests	•	•	•	•	•
Drag and drop data linking	•	•	•	•	•
Versatile multiple-table data access	•	•	•	•	•
Import variable graphics from databases	•	•	•	•	•
Data query wizard and custom SQL assistant	•	•	•	•	•
Individual record-picking at print time	•	•	•	•	•
RFID SUPPORT					
RFID data encoding compatible with many single and double-byte codepages, including Asian languages, UTF-8 and UTF-16	•	•	•	•	•
Able to duplicate RFID data in text and bar code form	•	•	•	•	•
Supports optional write protection	•	•	•	•	•
Segment and Start Block support, including writing to multiple blocks	•	•	•	•	•
Able to configure printer's RFID options (e.g., Transponder Offset and Maximum Retries)	•	•	•	•	•
Display antenna, chip, and substrate on label. (Images specified by predefined or custom antenna bitmaps.)	•	•	•	•	•

*Print Server = Enterprise Print Server



FEATURES LIST	EDITIONS				
DATA PROCESSING					
Full-system Unicode support (data fields, field names, files, servers, printers, etc.)	•	•	•	•	•
Visual Basic scripting for custom data processing	•	•	•	•	•
Customizable data-entry filters and error checking	•	•	•	•	•
Custom configure the handling of individual messages and alerts	•	•	•	•	•
Multiple sub-fields concatenated per label object	•	•	•	•	•
Source data with keyboard, time and date (from PC or printer)	•	•	•	•	•
Easy entry of special and "unprintable" control characters	•	•	•	•	•
STANDARD INTEGRATION					
Can be run as a "background" application	•	•	•	•	•
Control from other programs using ActiveX	•	•	•	•	•
Specify label formats and data sources from within other programs	•	•	•	•	•
Automated printer selection	•	•	•	•	•
Logs errors and events to a file	•	•	•	•	•
Log BarTender print job details to a database	◆	◇	◇	•	•
Log application errors and events to a database	◆	◇	◇	•	•
Custom error, event and status e-mails	•	•	•	•	•
"Commander" Integration Utility: Senses incoming data, then starts print jobs and logs results.	•	•	•	•	•
Generate & export printer code templates for SAPscript-ITF, Oracle XML, and more	•	•	•	•	•
HIGH-SECURITY AUDIT COMPLIANCE					
Include label images when logging BarTender print jobs	•	•	•	•	•
Inspect logs and confirm label jobs using History Explorer	◆	◇	◇	•	•
ADVANCED INTEGRATION					
SAP certified for All integration	•	•	•	•	•
Oracle XML integration using a TCP/IP socket	•	•	•	•	•
Enhanced version of Commander supports TCP/IP triggers and data transmission	•	•	•	•	•
Commander optimized to receive, launch, and monitor new print jobs without waiting for existing jobs to finish	•	•	•	•	•
Automated conversion of different XML formats using XSL style sheets	•	•	•	•	•
BarTender XML command scripts speed up automation and simplify remote control	•	•	•	•	•
Detailed print job status available to other programs using ActiveX	•	•	•	•	•
.NET SDK to control one BarTender at a time. (All SDKs provide C# & VB.NET.)	•	•	•	•	•
.NET SDK to control multiple instances of BarTender at once	•	•	•	•	•
.NET SDK to author web printing applications	•	•	•	•	•
SHARED, CENTRALIZED PRINT SERVICES					
Optimized to handle high-volume printing requests using a single copy of BarTender running on a server	•	•	•	•	•
Easy print job control from any operating system that can run a web browser	•	•	•	•	•
ENTERPRISE PRINT MANAGEMENT					
Reprint function lets you search for and replace lost and damaged labels	◆	◇	◇	•	•
Configure security, spooler and other selected driver settings for multiple printers at once	•	•	•	•	•
In one window, see status of all Windows print jobs for all locally accessible printers	•	•	•	•	•
In one window, see status of every Windows print job on the network	•	•	•	•	•
Log printer events for all Windows print jobs	•	•	•	•	•
Specify custom alerts for printer events and low inventory levels	•	•	•	•	•
Track printer media usage and inventory of printer parts	•	•	•	•	•

◆ Supports shareable centralized database
◇ Supports local database only

Available Seagull White Papers

General White Papers

- The Advantage of Drivers by Seagull
- Choosing the Right BarTender Edition
- BarTender Web Print Server
- What's New in the Latest BarTender

Integration White Papers

- Integration Overview
- Commander
- Commander Examples
- Exporting Printer Code Templates
- Using BarTender with Terminal Services and Citrix MetaFrame
- XML Integration with Oracle's WMS and MSCA

Integration Using ActiveX

- Getting Started with ActiveX Automation Using C#
- Getting Started with ActiveX Automation Using VB.NET
- Getting Started with ActiveX Automation Using VB6

Integration with SAP

- SAP Integration Methods
- Reading SAP IDocs
- SAP Auto Infrastructure Integration with BarTender

Miscellaneous Topics White Papers

- BarTender Enterprise Licensing
- Printing International Characters Using BarTender
- BarTender Software Activation
- Using BarTender's Application Identifier Wizard
- Optimizing Label Printing Performance
- Status Monitor Overview
- Silent Install

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