Enabling accurate retail tracking from warehouse to pallet to shelf

BarTender® software for creating RFID and barcode labels enables the reliable tracking that makes the world's retail supply and demand chains more agile and efficient.

"Get comfortable with days of inventory, not weeks," a big box exec recently told his global managers.

The retail supply and demand chain is being completely remapped to accommodate the requirements of a rapidly evolving, technology-driven business environment. To meet new omnichannel retail models such as the hybrid "buy-online, pick-up-in-store" (BOPIS), businesses are becoming leaner and more agile, carrying lower levels of inventory and replenishing more frequently, with the goal of preserving and perhaps even increasing return on invested capital. Inventory fulfillment is no longer forecast-based, but demand-based.

At the same time, consumer expectations are growing, the industry's lowered barriers to market entry are intensifying competition, and business-to-business relationships are being predicated on difficult-to-achieve metrics such as the Perfect Order (POM).

Choosing the right technology tools is a retailer's first step in meeting the unprecedented need for agility and accuracy.

BarTender: The heart of your retail supply and demand chain

BarTender barcode and label software is an integral component of the diverse labeling, barcoding, RFID encoding and plastic card printing strategies of the world's retail value chains.

Achieving synchronized inventory flow while remaining competitive and meeting stringent industry metrics—and still delighting the customer—requires the powerful tracking capabilities enabled by BarTender's barcode and RFID printing.

BarTender allows you to easily and securely use accurate pricing and inventory information with printers throughout your system's network, whether desktop, mobile, card or RFID.

The centralized control in BarTender's Enterprise Automation edition allows you to consolidate management of your system's labeling processes and workflows, deploying the business rules and process controls that enable inventory synchronization—tie the barcodes and RFID tags at the pallet, case or product level to a single data source, providing deep visibility into the supply chain and labeled price integrity.

Seamless integration with ERP, PLM, SCM and WMS systems enables automation at the enterprise level, providing single-source-of-truth data management, increased labeling accuracy and improved efficiencies throughout the supply chain.

BarTender includes preformatted, ready-to-use standards-based barcode components that enable global trade, including the BarTender GS1 Application Identifier Wizard for reliable and compliant GS1 coding. With BarTender, encoding RFID is as simple as creating a barcode, with support for all EPC data formats.

BarTender and Retail Labeling

BarTender software is designed to meet the retail industry's increasing demands for a lean, efficient supply chain. BarTender's labeling, barcoding, RFID encoding and plastic card printing provides the foundation for accurate data management throughout the retail environment: e-commerce, brick-and-mortar, and omnichannel; POS, front-of-the-house and back-of-the-house. With its powerful design tools and unrivaled printer compatibility, BarTender supports the industry's diverse label and card printing needs, including:

▸ Shipping labels

▸ WIP labeling

▸ Shelf labels

▸ Warehouse and logistics labeling

▸ Quality labels

▸ Promotional labeling

▸ Membership cards

GS1 US
Solution Partner

Barcode and RFID labeling for an interoperable, agile and efficient retail supply and demand chain
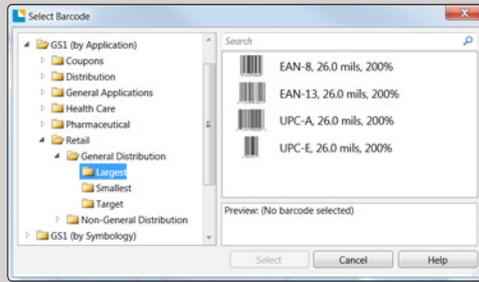
RFID and retail

GS1 recently reported that almost 40% of retailers planned to implement RFID in the near future. RFID provides tracking support throughout production, warehousing, and shipping, and enables the agility and business-to-business interoperability that today's retail value chain demands.

▸ RFID can increase precision in shipping and order prep by an estimated 80%, reducing chargebacks and RMAs.

▸ RFID can enable accurate, real-time inventory counting that supports a lean omnichannel operation and avoids labor-intensive manual counts.

▸ RFID can reduce the time and labor required for replenishment. By using the "Geiger Counter" tag-locating function on the RFID reader, floor employees can rapidly find an item's location.

▸ RFID interrogators can accurately compare every container in Shipping and Receiving down to the product level against its bill of lading or advanced ship notice—all in real time and without ever opening a box.
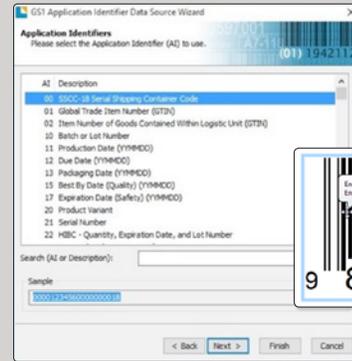
Seagull Scientific can help you meet the diverse labeling needs of the retail industry. To learn more, visit the BarTender retail industry web page.

Try BarTender free for 30 days:
www.DownloadBarTender.com

BarTender and RFID encoding

With BarTender, the design and coding of RFID labels is as simple as creating a standard barcode label. And because BarTender can pull RFID, barcode and human readable data from a common source and group associated labels in a single template, it increases label data accuracy from pallet to product where integrated product tagging is required.

BarTender's sample label templates include built-in RFID antenna coding and business rules that enable compliance with GS1 and other industry standards. BarTender is fully compliant with EPCglobal's Gen 2 standard (ISO 18000-6C), and supports a comprehensive list of RFID tags and encodings, including those tested and certified against the ARC benchmark data.

GS1 and BarTender

BarTender is GS1 certified and a GS1 Solution Provider. It automates compliance with the GS1 standards, and includes a full library of GS1 application identifiers and symbologies. BarTender's Application Identifier Wizard makes it easy to construct even the most complex GS1-compliant codes—use it to automatically and accurately insert GS1 Application Identifiers and field separator characters.

BarTender®
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