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# Manufacturing Process Tracking With RFID

By Mike Nichols

RFID provides many identifiable benefits. Two of them are removing people from the tracking process and a natural serialized numbering system. That makes it ideal for tracking manufacturing processes.

All personnel, and that includes those on the manufacturing floor, want to focus on completing their tasks and doing a good job. Asking them to also track the items they're working on is a distraction and irritant. This leads to inconsistency in activity tracking. Relieving them of that burden through automation increases efficiency, reduces errors and provides tracking accuracy and consistency.

Benefits from automatically tracking the build process and the parts that make up the final process include:

## Process timing

Identify when a step of the process is taking too long and set an alarm

Each process step can have a defined time to complete. This may already be defined. If not, running the solution for a week to 30 days will show consistencies and provide a standard window for completion time. This can then be used to determined aberrations. Once the aberration is identified, a cause can be determined which can then be addressed.

## Identify bottlenecks

What may not be obvious from casual observation are areas in the process that run more slowly than the average. By identifying and correcting the bottlenecks, the entire process can be accelerated with limited impact to the rest of the flow.

## Tie slowdowns to external influences

When tracking the process from start to finish, when there is an issue that occurs more than once, the cause may be identified as a vendor or shipper or an overlapping process that affects the flow. By knowing all of the pieces of the puzzle, these can be easily adjusted to provide more consistency.



## Provide feedback for just-in-time planning

When there is visibility to the speed of each task, filling the start of the line becomes much easier to plan. That visibility can be shared with vendors and shippers to have source materials arrive at the precise time of need. This eliminates excess storage reducing inventory costs and freeing up space for future needs.

## Worker tracking

Identify your best workers and mimic their habits.

Each process step can be tied to an individual. What will likely come to light is that some team members are better at some processes than other team members. Their work habits can then be monitored and mimicked. Having them train their coworkers increases efficiency, provides pride of effort and establishes a better team environment.

## Put workers in the best position to succeed

What will likely also come to light is that some team members are better at some processes than other processes. Visibility will allow moving team members into those areas where they have a better chance to succeed. A good example is that you may find that some processes are better suited to left-handed workers.

## Identify training deficiencies

Besides team member differences, some processes may just not be accomplished as envisioned. The cause could be training or a poor design from the outset. Once bottlenecks and speed differences are identified, focus can be placed on these areas to make corrections in processes or training.

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## FourKites® Named To Supply & Demand Chain Executive's SDCE 100 Top Supply Chain Projects For 2019

FourKites®, the leader in predictive supply chain visibility, today announced that it has been selected by Supply & Demand Chain Executive, the executive's user manual for successful supply and demand chain transformation, as a recipient of an SDCE 100 Award for 2019.

The SDCE 100 is an annual list of 100 great supply chain projects that can serve as a map for supply chain executives who are looking for new opportunities to drive improvement in their operations. These projects demonstrate how supply chain solution and service providers help their customers and clients achieve supply chain excellence and prepare their supply chains for success.

FourKites was recognized for partnering with a global electrical solutions supplier to transform its supply chain through innovative technology. Specifically, the company selected FourKites' real-time freight visibility platform to provide enhanced predictive visibility and analytics across its supply chain, and to digitize its previously paper-based proof of delivery (POD) process.

The partnership enables the company to more precisely track its products all the way to their final customer destinations; track product returns collected at various location sites; compile crucial input for its materials resource planning process; and improve its order-to-cash workflow.

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## Balluff Named 2019 Best Of Sensors Award Winner For SmartLight Indicator

Balluff has been named a 2019 "Best of Sensors" Award winner. The company's SmartLight Indicator was recognized as the 2019 Innovative Product of the Year which highlights cutting-edge advancements and achievements that are moving the sensors industry forward. The prestigious awards were during Sensors Expo & Conference 2019, held this week in San Jose, California.

Utilizing the power of IO-Link, the SmartLight Indicator is capable of directing, instructing and guiding operators in nearly any manufacturing task. The new-to-market indicators increase productivity and minimize workforce errors by providing innovative personnel guidance in a variety of applications

— pick-to-light systems, part placement, part positions, format change guidance and many others. Learn more about the SmartLight Indicator at <http://www.balluff.com>.

"Providing guidance and verification directly at the point-of-use is growing trend. The process improvements are substantial when operators can stay focused on their assembly tasks without having to look away for process verification and sequential guidance," according to Tom Rosenberg, industry account manager of life sciences at Balluff, Inc. "We are proud to be recognized as innovators in this industry which continues to push boundaries to drive greater returns for our customers."

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## Landmark CBD Hemp Bill Requires Use Of QR Codes



The New York State legislature has passed a comprehensive bill that mandates the use of QR codes for consumer use.

The legislation will give farmers more confidence in making investments into their operations. The bill establishes grower, manufacturer, and extractor licenses and requires the Department of Agriculture and Markets to craft new regulations for the production of extracts. [Continue reading >>](#)

## Esker's Work With TAMKO Recognized On 100 Top Supply Chain Transformations Of 2019

Esker, a worldwide leader in AI-driven process automation solutions and pioneer in cloud computing, today announced it has been named a recipient for the 2018-19 Supply & Demand Chain Executive 100 Top Supply Chain Transformations (SDCE 100) award. Esker was selected for the impact its solution brought to TAMKO Building Products LLC following implementation. The SDCE 100 recognizes individual and corporate leaders in the global supply chain.

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# Are you **OUTGROWING** your Barcode Labeling Software?

By Josh Roffman, Loftware VP Product Management

## Find Out Why Enterprise Labeling Matters

Labeling plays a critical role in every company's supply chain and is part of today's digital transformation. As business environments become more global and complex, companies need to look at labeling differently to keep pace with evolving technologies and to meet the demands of new multi-faceted, dynamic supply chains. Enterprise Labeling plays an important role in the digital transformation by creating new efficiencies both throughout the enterprise and within global supply chains by empowering companies to deal with the nuances of today's complex labeling requirements and regulations.

Labels convey more and more critical information, such as product details, customer information, regulatory and safety information. As the number and variance of products proliferates, companies face difficulty staying competitive while still using legacy, homegrown, or disparate labeling solutions. An Enterprise Labeling approach can scale, flexibly adapt, and respond quickly to demands from customers and regulators to address the increasing complexity in labeling.

## Complying with Evolving Regulations

Evolving standards and regulatory requirements pose many complex challenges for today's business. Labeling regulations are an increasing concern across a broad set of industries including chemicals, food and beverage, medical device, pharmaceuticals and many others. These requirements, which have costly consequences for noncompliance, compel companies to be precise about labeling information displayed and languages used.

Labels must reflect how products are distributed through increasingly complex supply chains around the globe. The location where a product is made and where a product is shipped further complicates labeling and determines how compliance must be achieved as each country or

region has specific versions of regulatory requirements. For example, health and safety information must be in the language of the country where a product is made and in the language of where it is shipped. Also, depending on the product, there may be requirements for a compliance logo or colored pictograms. Companies risk hefty fines, disrupting business, and may even be kept from entering new markets if they don't comply.

Enterprise Labeling allows companies to design labels that leverage business rules and dynamic labeling to support variations in formats, barcodes, logos, languages, and content quickly and easily. It can integrate to sources of regulatory data to make sure the needs of each customer is being met throughout each part of a company's supply chain. This type of centralized label management ensures labeling consistency and that your company is adhering to regulatory guidelines throughout your company's global supply chain.

## Managing Complex Customer Requirements

Customer requirements are also evolving rapidly as the pace of business accelerates. Labeling needs to support countless variations to manage mass label changes easily, while including more and more information on those labels. And, customers want these complex requirements met faster than before.



[Continue on Barcode.com](#)

## Roambee's IoT Sensor Analytics Service Named In SDCE's 100 Top Supply Chain Projects For Third Time

The SDCE 100 is an annual list of 100 great supply chain projects. These projects can serve as a map for supply chain executives who are looking for new opportunities to drive improvement in their own operations. These projects show how supply chain solution and service providers help their customers and clients achieve supply chain excellence and prepare their supply chains for success.

"Every year our list of submissions for the SDCE 100 continues to grow as more companies rely on the expertise of supply management for innovative decision-making. Our winners raise the bar for what is achievable in the supply chain," says John R. Yuva, editor for Supply & Demand Chain Executive.



"With a variety of company sizes and industry sectors represented, our Top 100 are leading examples for how to approach and solve supply chain challenges."

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## Vizinex RFID Named To Supply & Demand Chain Executive's SDCE 100 Top Supply Chain Projects For 2019

Supply & Demand Chain Executive, the executive's user manual for successful supply and demand chain transformation, has selected Vizinex RFID as a recipient of an SDCE 100 Award for 2019.

The SDCE 100 is an annual list of 100 great supply chain projects. These projects can serve as a map for supply chain executives who are looking for new opportunities to drive improvement in their own operations. These projects show how supply chain solution and service providers help their customers and clients achieve supply chain excellence and prepare their supply chains for success.

"We are honored to be selected for the SDCE 100 top supply chain projects for 2019," said CEO Ken Horton.

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## Smartrac's Market Leading Suite Of NFC Products Achieves Certifications From NFC Forum And DEKRA

Smartrac Technology Group today announced that it has earned NFC Forum and DEKRA Lab certifications for a suite of popular Circus™ NFC inlays based on various NXP NTAG ICs. The RFID and IoT pacesetter considers this as another confirmation of its claim to be the NFC leader, as well as a quality and performance assurance for its growing NFC customer base worldwide.

The subjects of certification are Smartrac's smallest circular, high-performance NFC Circus inlays and tags, including the tamper detection inlay Circus Tamper Loop, based on NXP's NTAG210 Micro, NTAG213, NTAG213 TT and NTAG216 ICs.

Both certification bodies have gained an excellent reputation, with NFC Forum leading the effort to expand the adoption of Near Field Communication (NFC) technology around the world, and DEKRA being accredited and recognized as a certification body for the EU, USA and Canada covering electrical, electronic, ISM and radio equipment.

"NFC Forum certification demonstrates to a manufacturer's customers, consumers and partners that a company values product quality and improving the customer experience," said Koichi Tagawa, Chairman, NFC Forum.

Alejandro Torrecilla, Telecom Laborato-

ry Director at DEKRA added: "Quality, reliability and adherence to latest, applicable standards – as confirmed by our certification – are of key importance for everyone who is looking to get all the benefits that NFC offers."

Confirmation of reliability and performance With the NFC Forum and DEKRA Lab certifications, Smartrac's customers have further confirmation that the certified Circus inlays and tags perform reliably in compliance with the NFC Forum's NFC Tag Device Type 2 Tag standard.

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# Will Tariffs Put a Damper on the Xmas Spirit?

By Craig Aberle, owner and publisher

It's June and the orders for the 2019 Christmas season have been and are being placed right now. Companies who import goods from China are facing the prospect of those goods still having tariffs when they arrive on US soil.

With the President's latest threat (June 10, 2019) of applying \$300 billion more in tariffs, anything is possible. It's tough to make business decisions when White House policy changes every other week.

I empathize with the retailers and manufacturers who have to make long term plans in the midst of a mess created by the government.



Celebrating 45 Years

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Happy Birthday, Barcode!

Learn about the barcode's impact over 45 years.

Source: PR Newswire: GS1 US®, the information standards organization best known as the administrator of UPC barcodes, this week celebrates 45 years since the debut and first scan of the iconic barcode. On June 26, 1974, a pack of Wrigley's chewing gum carrying a Universal Product Code (UPC) was scanned at a Marsh Supermarket in Troy, Ohio. This historic milestone marked the beginning of the modern shopping experience. Today, the barcode is scanned more than six billion times daily and continues to be one of the most trusted symbols in the world, powering global commerce.

"Since being introduced in the grocery sector, the barcode has enabled countless modern conveniences for consumers and paved the way for emerging technologies," said Bob Carpenter, president and CEO of GS1 US. "From same-day delivery to patient bedside scanning that ensures administration of the proper medication, millions of transactions and processes would not be possible without barcodes and the underlying standards that uniquely identify products, services, locations and more in real time. Very few other technologies have remained as relevant over four decades, nor have they grown in versatility."

The first barcode scan was the culmination of years of collaboration by inventors and the grocery industry to minimize long supermarket checkout lines. Brands and retailers needed a method to automatically capture product information, reduce human error and manage the influx of post-World War II baby-boom shoppers. While inventor Norman Joseph Woodland and classmate Bernard Silver developed the first barcode concept – a circular, bullseye-shaped design that incorporated lines and spaces – in 1973, the grocery industry selected the linear UPC barcode as the preferred standard, created by IBM engineer George Lauer. The Uniform Product Code Council, later named GS1, was the designated administrator of barcode standards in 1974, and helped brand owners use barcodes and a numbering system – today known as GS1 Global Trade Item Numbers (GTINs) – to uniquely identify their products at point-of-sale, giving access to price information. This system also helped enhance inventory management to keep shelves stocked and allow for lower pricing due to gained efficiencies.

Since the original UPC, product identification standards (now GS1 Standards) have grown into a global system, used by more than two million companies doing business in 150 countries across 25 industries. Additionally, multiple versions and uses of the barcode have been created to fit modern requirements and convey more data using the same numbering system.

[Continue article on Barcode.com](#)

## Our Top Articles About Barcode Labels



### [Bar Code Labels Can Take The Heat](#)

Many everyday labeling applications such as on printed circuit boards require printed bar codes, safety and warning labels with legibility and adhesive bonds that must survive high temperatures – upwards ...

### [Printing Barcodes? See these FAQ](#)

Barcodes have proven to be a cost effective way to price your products for retail, track inventory data, ship packages, and even promote your company – but how do you get started? Printing barcode labels ...

### [Best Practices for Bar Code Wristband Formatting](#)

Desktop Barcode Printer for Healthcare Labels and Wristbands from Intermec PC23d wristba ...

### [Bar Code labels - make your own or buy pre-printed?](#)

If you are going to be using barcode labels, you need to consider whether to print your own with software, labels and maybe a dedicated barcode label printer OR whether you should just order from a ...

### [How to Create a Bar Code Label in Microsoft Excel](#)

... already on your desk top. Creating a bar code in Microsoft Excel requires an additional font or two depending on the format you choose (Code 39, Code 128, etc). You'll want to pay attention when it com ..

### [Good Bar Code Guidelines](#)

...bad bar code labels can be a very costly mistake for a business to make. These guidelines should have you printing high-quality bar codes in no time!

### [Choosing a Bar Code Label Printer](#)

When choosing a printer to create bar code labels, it's important to remember that not all types of printers are created equal. While thermal, dot matrix, ink jet, and laser printers may be capable, a ...

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# Moving Product Packaging Processes From Chaos To Calm

By Paul Goldberg, VP Product Strategy, Software

## How to Digitally Transform Your Artwork Management Process

As packaging artwork becomes more important to the product, delays in delivering accurate and approved package artwork have an increasing impact on time to market and a company's bottom line. This is why the artwork surrounding your product is just as valuable and important as your product itself and it requires a well-managed process.

However, incorporating artwork management into the product lifecycle can present a range of complex challenges – especially without efficient processes in place. The desire to consistently bring new products to market ahead of the competition, while managing emerging packaging and artwork design requirements, evolving regulatory compliance, the complexity of new packaging materials and the globalization of emerging brands, provide a range of potential disruptions to maintaining critical path for each project. And in today's vast global marketplace it's likely you may be managing hundreds of projects with variations for each simultaneously.

Adding to this complexity, during their journey products will transcend multiple internal departments and stakeholders and interface with external resources including design shops, graphic houses and printers. With so many stakeholders it's important to tightly manage the process and the routing of materials for edits and approvals. Without an efficient process in place there is likely to be increased risk of error and potential bottlenecks in the process.

## Drowning in Spreadsheets

To manage product artwork efficiently you need an automated artwork approval process that can be incorporated into

your product lifecycle and managed across your global enterprise. However, there are still many companies today using antiquated manual processes for Artwork Management. Inconsistent data, limited access to a digital assets, poor visibility, reactive communications, and labor intensive and error prone processes mean that teams working in operational silos spend an inordinate amount of time creating and editing artwork. Then there's the chaos that ensues when trying to determine which version is the most accurate, what step is next and who is left to approve.

Traditionally many companies have used spreadsheets to manage their artwork and approval processes. This manual process which entails routing of printed documents through folders and emails presents a host of risks and inefficiencies. First and foremost, these documents can easily be lost, damaged (think of how a spilled cup of coffee might impact plans) or misplaced costing valuable time and energy. Then there's generally confusion around which document copy is most current. Without proper version it's not always clear if your spreadsheet has been routed to the right parties and it becomes increasingly difficult to manage changes and provide access to final, approved content.

Then there's Excel – although this path may offer a digital alternative, it still involves a range of inefficiencies. Data entry can be time consuming and error prone and these Excel docs are difficult to maneuver and maintain. Also, with Excel real-time comments and collaboration are out of the question and the ability to quickly analyze historical data is simply not possible.

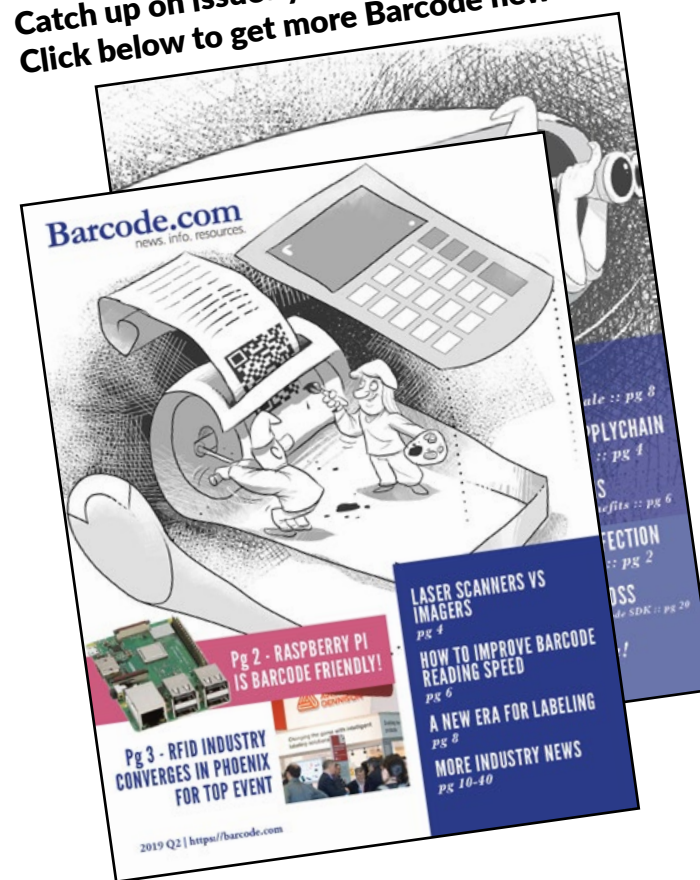
Ultimately, using labor intensive and inefficient digital options, as well as unreliable and error-prone manual processes (including the use of spreadsheets and routing of physical folders) adds time and risk to your product lifecycle.

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Catch up on issues you missed!  
Click below to get more Barcode news.



## MAKE A BARCODE OR A QR CODE

Create a free bar code or QR code using these free tools







# How To Add Barcode Scanning To Your Website

Article courtesy of Dynamsoft

Adding an enterprise-grade barcode scanner into a website is easier than you think. With the right tools your customers can scan barcodes from static images or live video streams. This can help add workflow options that increase productivity. A number of companies offer software development kits (SDKs) to do this.

Typically, an SDK provides reliable, fast, and safe barcode scanning. Users can scan barcodes using popular desktop and mobile browsers. There is no need for users to download, install, or set-up any application. It is easy to integrate with just a few lines of code to implement. Once setup, users can scan all major barcode types and the solutions support scanning multiple barcodes at once.

## Application Possibilities

There are clear advantages for adding barcode scanning functionality into your website. For example, from checking inventory to optimizing checkout, integrating a barcode scanner into your web or mobile browser can greatly improve various worker and customer capabilities while also enhancing your customers' experience.

## Retail

You can empower your customers to do more with your business. While they browse your store, customers can use their phone to look up product information, read reviews, check sizing charts, research manufacturing info, check inventory availability, and so much more.

Customers can also lookup product details and review suggested add-ons. They can locate inventory or easily add items to cart and they can use or create a gift registry.

## Online

Savvy online shoppers already use technology to find the best deals and save time at checkout. Having an easy-to-use barcode scanner will allow them to take their shopping experience to the next level. The use of barcodes is well known for checkout optimization. Barcodes can also be used to scan loyalty cards or to scan flyer coupons. They are also use for the re-ordering of products or for product registration.

## Mobile

Using the camera on their iOS or Android phones, customers can optimize their mobile experience by scanning their payment information and loyalty cards for easy check out. Customers can use them to sign in and do a product search and then add items to a cart. They can scan payment information and coupons.

In summary, the use of bar codes on your website or platform can offer speed, accuracy and power to your customers, enabling them to act instantly without the help of support staff. A bar code SDK is the best way to give that power to buyers without pain or difficulty for your development team.

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## Cashless Retailing For All Using RFID, QR Codes And iPhones



Decathlon, the self-proclaimed world leader in sporting goods retailing, recently opened their US flagship high-tech retail location in Emeryville, California. With more than 1,500 stores in 49 countries, Decathlon is making a technological splash with their newest location. Touting a "cashless" retailing solution aimed at simplifying and speeding up the checkout process, shoppers avoid long checkout lines and registers while they engage directly with Decathlon teammates on the retail floor putting them closer to the products they are shopping for. Using a sophisticated combination of technology solutions using RFID, QR codes, and iP-

hone transactions, shoppers can check out their purchases at any point within the store using their mobile phone, their Apple watch, gift cards, or their traditional credit and debit cards. They cannot use cash.

Confronted with the notion of disenfranchised consumers, Decathlon turned to Self-Service Networks and their innovative "GiftWise Cash-2-Card" gift card dispensing self-service kiosk. With this self-service touch screen kiosk, consumers paying with cash are able to convert their paper currency into Decathlon gift cards. "Self-Service Networks has been an

integral partner for us since the opening of our first Decathlon Superstore in the United States," says Ashley Benson, product manager at Decathlon USA. "With their help and collaboration, we've been able to offer a seamless cashless checkout process that allows customers to complete quick transactions. Customers who prefer to use cash at checkout have the ability to access Decathlon Gift Cards through the GiftWise Cash-2-Card solution.

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## NFI Named As 2019 Top 75 Green Supply Chain Partner By Inbound Logistics

Leading supply chain solutions provider, NFI, was recently recognized by Inbound Logistics' 2019 list of top 75 green supply chain partners. The annual G75 is a curated list of companies that exceed environmental expectations and go above and beyond to operate sustainably.

"At NFI, social responsibility is a core value and the wellbeing of our communities, employees, and customers remain our highest priority," said Sid Brown, CEO of NFI. "NFI works to continually develop new and innovative solutions to improve our environmental impact, as well as partner with other industry leaders to operate more

efficiently. We look forward to continuing to contribute to creating a greener environment and exploring new ways to reduce our carbon footprint."

NFI is a leading drayage and dedicated transportation provider, recently partnering with industry leaders to operate electric trucks. NFI also operates Near Zero compressed natural gas trucks fueled with renewable energy, as well as electric yard horse tractors. NFI is a four-time EPA SmartWay Excellence award winner and continues to be recognized for its efforts in sustainability.

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## RFID Solutions Provider Showcases Technology Innovations For Retail Market

SML, the leading global item-level RFID solutions provider, has announced the launch of its new Retail Ideation Space (RIS) in Plano, Texas.

Accelerating market demands for Item-Level RFID and other advanced technologies that are driving a New Era in Retailing has created the need for a real-world collaboration space.

Retailers can utilize the RIS to learn about and test some of the latest developments that are at the convergence of operations, inventory and customer service.

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## Smartrac Partners With Honk To Launch The “Future Of Parking”

Smartrac, a global leader in RFID technology and solutions, partners with Honk Mobile, a technology company that is reshaping the future of parking by enabling the fastest and most convenient customer experience with the world's first virtual parking meter, HonkTAP. Smartrac is supplying Honk with its customized 'Block On-Metal' NFC tags, providing best-in-class products and tapping functionality.

HonkTAP is a groundbreaking innovation in parking – Instead of paying for parking using traditional parking machines which are known to experience vandalism, periods of downtime and lineups, consumers can simply tap their smartphone on any Honk signage, enabled by Smartrac's Block On-Metal NFC tags, and pay for parking in seconds with no app download or user

registration required. The signage can be as simple as a sticker on a parking meter or as robust as integrated signage or a standalone structure. HonkTAP provides a seamless 2-click payment process by fully leveraging Apple Pay and the underlying NFC functionality of smartphones. Android users get the same great experience of HonkTAP via Google Pay, PayPal and all major credit cards.

Latest technology for the ultimate parking experience at the point of payment. Smartrac's high-quality NFC technology comes into play by triggering the point of payment; consumers tap their smartphone on a HonkTAP parking sign or structure that contains a secure and reliable NFC tag, which works flawlessly on metallic and other surfaces thanks to its design and form factor.



To meet all application and product requirements, Smartrac has specifically developed its Block On-Metal NFC tags to meet Honk's needs for maximum read range and user convenience. Equipped with NXP's SLIX2 ICs which feature optimized tuning for on-metal surfaces, Block On-Metal NFC tags enable best-in-class tapping distances as defined by NFC standards.

To complete the ultimate Tap-to-Pay experience, Smartrac's longtime market partner WS Packaging converted the NFC tags into customized printed stickers and labels.

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## Barcoding, Inc. Recognized On CRN's 2019 Solution Provider 500 List

Barcoding, Inc. (Barcoding), the leader in supply chain efficiency, accuracy and connectivity, proudly announces that CRN®, a brand of The Channel Company, has named Barcoding to its 2019 Solution Provider 500 (SP500) list. Barcoding moved up 69 spots from its 2018 ranking.

This annual list ranks the largest North American IT channel partner organizations by revenue.

“At Barcoding, we understand that the world of technology is ever-changing, and that's why we're always looking for innovative solutions to help our customers be more efficient, accurate and connected,” said Jay Steinmetz, CEO of Barcoding, Inc.

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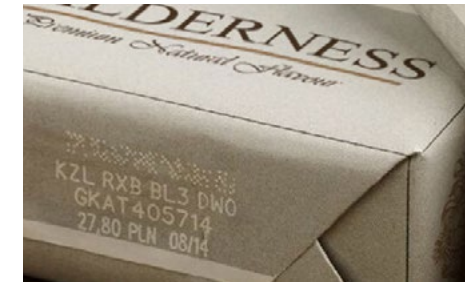
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## TachyonIQ Releases DotCode Scanning Algorithm In Support Of Tobacco Products Directive

TachyonIQ, the leader in image processing software for data capture, announced today the release of a new barcode scanning algorithm that omnidirectionally decodes the mandatory DotCode symbology of the EU Tobacco Products Directive.

The European tobacco industry, with other industries following suit, has adopted systems for the traceability of products throughout the supply chain. By imprinting a unique DotCode barcode on tobacco product packaging, manufacturers and retailers are able to track and report product movement and help stop the illegal smuggling and counterfeiting of cigarettes and fine-cut products.

Consumers also benefit from the Track and Trace systems, a name aptly given to the traceability of products, according to the EU Commission, as it pro-



vides precise identification of all packaging and ensures a high level of health protection for European citizens.

The DotCode barcode utilizes a 2D symbol that allows for more information to be embedded in a substantially smaller amount of space. “Other 2D barcode symbologies exist,” says Thomas Rissmann, TachyonIQ EMEA Sales Manager...

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## Atlas RFID Announces Launch Of Jovix 3.0

Atlas RFID Solutions, the world leader in Material Readiness™ for the construction industry, has announced the release of their latest track and trace software is slated for Q3 2019. The new platform, called Jovix 3.0 is a powerful and elegant software built on a high-performance platform with feature upgrades including configurable workflows, user and role management, and no-limit mapping.

Jovix is widely known for connecting the power of auto ID via barcodes and RFID to provide material visibility throughout the supply chain. Jovix 3.0 Track and Trace focuses on supporting the user and providing flexible features for each project. Jovix 3.0 will offer

multi-language options at the user-level supporting the industries increasingly diverse teams. The platform's responsive design will allow the web application to accommodate roles that are rarely tied to a desk – moving seamlessly from desktop to tablet to mobile. In addition, the platform allows for configurability – meaning “Installation Work Package” could be renamed to a “Work Order” to match the nomenclature of the project.

Intuitive features abound including no limit mapping – utilizing satellite imagery to remove the restrictions of yards. Future releases will expand this even further to drone images, CAD, Earth-Cam, etc. In addition, materials will be

## EnterWorks To Lead Panel On Data Excellence And AI At GS1 Connect 2019

EnterWorks, the leading provider of Master Data Management (MDM) and Product Information Management (PIM) solutions, announced it will be attending GS1 Connect June 19-21, 2019 at the Gaylord Rockies in Denver, Colorado. The conference will feature 120 sessions, 170 speakers and more than 450 companies, including EnterWorks. Topics to be explored during the event include: Data Quality & Data Management, Supply Chain Innovation & Emerging Technologies, Inventory Accuracy, and more.

EnterWorks GM Rick Chavie headlines the panel on “How Data Excellence Enables AI Value Creation” along with Victor Chapela, CEO and Founder of the AI-enabled Suggestic personal nutrition platform and Steven Keith Platt, Director of Research and Adjunct Professor, and leader of the AI...

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heat mapped and clustered, expanding as you zoom in. Automation features including auto identifiers and automation rules boost productivity by removing manual steps such as changing a material status based on the change of a location e.g. entering a quarantine zone. Atlas RFID is excited to launch Jovix 3.0 Track and Trace in Q3. CEO Robert Fuqua shared, “We have collaborated with our customers, some of the largest owners and EPCs in the world, and we are proud to bring them a product that will make their jobs even easier. The market was once reluctant to digital change, and we are seeing a whole-hearted embrace of technologies including... [Continue reading >>](#)



## With Identify3D, Manufacturers Gain Data Security, Usage Control, And Traceability Along Digital Supply Chains

Attendees at this year's Rapid+TCT digital manufacturing conference can preview the latest software solution for securely enabling the digital thread. At booth #1459, Identify3D is debuting the latest release of its suite of software solutions that equip manufacturers to confidently embrace decentralized manufacturing models.



censing rules. Identify3D Manage™ facilitates secure and accountable digital distribution of these assets, while Identify3D Enforce™ authenticates and decrypts the secure container and enforces the business and production rules during manufacturing. "With this update, we're making it even easier for manufacturers to integrate standardization and protection into their digital workflow...

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## SCALE Challenge Launches To Disrupt Supply Chain And Logistics

The Center for Advancing Innovation (CAI), a global 501(c)3 nonprofit that works to accelerate research commercialization, launches the SCALE (Supply Chain and Logistics Enterprises) Challenge. The open innovation contest, supported by the Walton Family Foundation, will launch 20+ companies working to disrupt the supply chain and logistics industry sector. The resulting companies will be headquartered in Northwest Arkansas, home to Walmart, Tyson, J.B. Hunt and the University of Arkansas.

For the challenge, CAI evaluated thousands of inventions with potential transformational impact on supply chain and logistics. Inventions include technology in the areas of artificial intelligence (AI), autonomous vehicles, drones, robotics, 3D printing, machine learning, augmented reality and virtual reality. From this diverse pool of technologies, an invention selection committee, comprised of industry experts and potential investors...

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## Webinar On Temperature Challenges In The Clinical Supply Chain

With the growth in biologics and biosimilar type drugs, there is an increase in demand for cold chain management solutions to handle the packaging, labelling, storage and shipping of refrigerated and frozen product. Appropriate cold chain solutions can help sponsors and CROs address the challenges of temperature-controlled conditions that could jeopardise the quality of these drugs and their clinical trials.

Join Almac Clinical Services' experts Bryan Thompson, Production Manager and Anthony Mistretta, Distribution Manager in a live webinar on Wednesday, June 26, 2019 at 11am EDT (4pm BST/UK) to learn about:

- Selecting appropriate packaging based on temperature requirements
- Understanding how temperature-sensitive trial materials are labelled

[Read more >>](#)

## NFI And 6 River Systems To Present At 3PL & Supply Chain Summit

Joanne Hoberg, VP of Solutions and Engineering at NFI, and Jerome Dubois, Co-founder and Co-CEO of 6 River Systems will present at the 3PL & Supply Chain Summit taking place June 10 - 12, 2019 in Atlanta, Ga. The session titled, "How Collaborative Robots Can Empower Employees and Drive Efficiency," will explore ways in which new technology can enhance both business strategy and enable employees to do their jobs more efficiently.

[Read more >>](#)

## Ten Companies Commit To Improving The Health And Empowerment Of More Than 250,000 Women Workers In Global Supply Chains

Ten global companies today announced new and expansive commitments to improving the health and empowerment of a combined more than 250,000 women workers and community members around the globe.

Commitments from Unilever, Twinings, Nordstrom, Lindex, Shahi, MAS Holdings, Hela Clothing, Inditex, Share Hope, and Ethical Apparel Africa will reach workers in 14 countries with health and empowerment information or services, such as contraception, maternal health, menstrual health, reproductive cancer screening, skill building, anti-harassment programs, and more.

These groundbreaking commitments, announced at the Women Deliver 2019

Conference - the world's largest global gathering on gender equality and the health, rights, and well-being of girls and women - are part of a growing movement in the private sector to connect the dots between women's shift into the global workforce, their unmet need for essential health and empowerment information and services, and the business potential of a healthy and productive workforce.

But too often, the needs of these women workers - from basic health care, to protection from harassment and violence...

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## OCR Canada Ltd. Announces Recent Acquisition Of Multisource Group Corporation

Under the Barcodes Group, OCR Canada has achieved strong growth, continuing to be Canada's leading provider of supply chain automation solutions. With a strategy to serve the entire Canadian Market, executive management is confident this acquisition will enable OCR Canada to provide the best solutions and services available, nationwide.

Don Hartwick, President of Multisource Group Corporation, stated "Multisource Group is very pleased to announce that we have been acquired by OCR Canada, the largest and fastest growing company in our industry. Ensuring our western customers would continue to be served by our existing Multisource team mem-

bers was paramount when considering acquisition partners. We also wanted our customers to have access to broader products and professional services offerings for both inside-the-four-walls and mobile solutions needs.

Fortunately, OCR Canada offers a wide product and service set including wireless networking, repair, staging and system engineering AND the existing Multisource team located in Calgary will continue to serve our local customers. I am confident OCR will provide our customers with the high-touch service they have always associated with Multisource as well as OCR's broader product and support offerings."

[Continue reading >>](#)

## TEKLYNX International Launches "Barcode Better™" Global Branding

TEKLYNX International, the global leader in barcode and RFID labeling software solutions, today announced the launch of its "Barcode Better™" global branding. Featuring a refreshed brand identity and newly designed website, the new branding showcases the company's long-standing customer-centric philosophy and unique perspective on barcodes.

"TEKLYNX' 'Barcode Better' branding speaks to our brand's core essence," states TEKLYNX Global Marketing Director Jenna Wagner. "The reality is 'barcode' is more than a labeling standard, it's an action that makes companies work. TEKLYNX is the only label software provider to refer to 'barcode' as a verb and it's a distinction that allows us to make companies work better."

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## Zebra Technologies Completes Acquisition Of Profitect Inc.

Zebra Technologies Corporation (NASDAQ: ZBRA), an innovator at the edge of the enterprise with solutions and partners that enable businesses to gain a performance edge, today announced that it has completed its acquisition of Profitect Inc., a privately-held, leading provider of prescriptive analytics for the retail and consumer packaged goods (CPG) industries. Financial terms of the acquisition are not being disclosed.

Zebra empowers the front line of business in retail/e-commerce, manufacturing, transportation and logistics, healthcare and other industries to achieve a performance edge. [Continue reading >>](#)

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## Loftware Announces Enterprise Labeling Solution For The Medical Device Industry

Loftware, Inc., the global leader in Enterprise Labeling and Artwork Management Solutions, today announced the availability of Loftware Spectrum for Medical Device. This digital platform is specifically designed to meet the unique requirements of device manufacturers and support the challenges of labeling in validated environments. It provides new levels of control so companies can more effectively manage regulatory requirements, including UDI, EU MDR and 21 CFR Part 11, across their global enterprise.

Spectrum for Medical Device helps companies manage labeling, including the design, approval and validation of labels and other content across multiple environments from test and QA to validation, development and production. Available in the cloud or on-premise, the solution offers a configurable

workflow framework and eSignature capabilities to provide new levels of visibility, full audit tracking and powerful control for managing labels. The solution offers GS1-ready label templates and a comprehensive set of stock symbols to streamline the label design process and enable compliance with industry regulations.

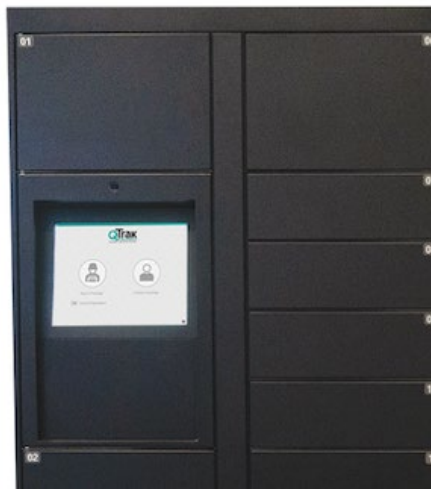
"We understand the challenges involved in meeting evolving regulatory requirements as medical device companies implement, deploy, maintain and scale their labeling operations globally. Loftware's depth of knowledge and vast experience in the medical device space enables us to fully address the unique needs of this market," stated Josh Roffman, Loftware Vice President of Product Management.

[Continue Reading](#)

## FP Mailing Solutions Announces ParcelPods Locker System

FP Mailing Solutions is excited to introduce ParcelPods, a self-service parcel locker system that streamlines the way you receive and manage packages. ParcelPods are the perfect companion for multi-tenant housing, large companies, colleges and universities who are looking to provide a more automated and secure way to handle incoming packages.

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## TSC Auto ID Technology Announces It Will Not Raise Prices In Face Of Impending China Tariffs

TSC Auto ID Technology (TSC), has announced there will be no price increases as a result of recent tariffs on products imported from China. In keeping with the company's commitment to ensuring its partners success, the company has decided to keep prices at current levels for both TSC and Printronix brands.

The United States Government announced its intention to impose tariffs of up to 25% on goods imported from China effective June 24, 2019. The tariffs will significantly impact the cost of printers, printheads, batteries, and accessories and has resulted in many printer manufacturers raising their prices.

"During these difficult and uncertain times, we want our partners to feel secure in the stability of our products and prices... [Continue reading >>](#)

## Socket Mobile Appoints Lynn Zhao As CFO

Socket Mobile, Inc. (NASDAQ: SCKT), an innovative provider of mobile productivity solutions, today announced that Lynn Zhao, 50, has been appointed to the position of Vice President of Finance and Administration, Secretary and Chief Financial Officer. Ms. Zhao has served as the Company's Controller since January 2015 and was appointed as Vice President and Controller in September 2017. She has served as a member of the Company's Executive Leadership team since her appointment as Vice President and Controller.

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## DHL Express Launches Its First Regular Fully-Automated And Intelligent Urban Drone Delivery Service

DHL Express, the world's leading international express delivery service provider, and the world's leading intelligent autonomous aerial vehicle company EHang have entered into a strategic partnership to jointly launch a fully automated and intelligent smart drone delivery solution to tackle the last-mile delivery challenges in the urban areas of China.

The launch ceremony was held today at the EHang Command and Control Cen-

ter in Guangzhou, with the attendance of senior executives from both companies. This cutting-edge solution takes its inaugural flight for a DHL customer, making DHL the first international express company to provide such a service in China.

[Continue Reading](#)

## Five ScanSource Leaders Recognized As 2019 Women Of The Channel

ScanSource, Inc., a leading global provider of technology products and solutions, announced today that CRN®, a brand of The Channel Company, has named five members of the ScanSource leadership team to its prestigious 2019 Women of the Channel list. The leaders on this annual list are from all areas of the IT channel ecosystem representing technology suppliers, distributors, solution providers, and other IT organizations. Each is recognized for her contributions to channel advocacy, channel growth and visionary leadership. ScanSource's honorees include:

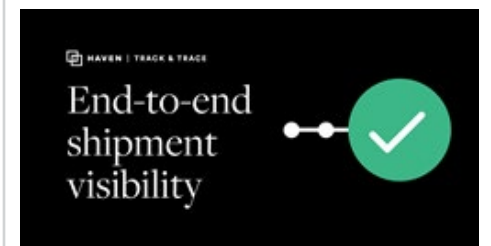
- Tracey Boucher, Vice President, Supplier Services

- Evamarie Ghiggeri, Vice President, Technology Enablement and Delivery, POS Portal, a ScanSource Company
- Ansley Hoke, Senior Vice President, Marketing, North America
- Jess Maria, Director of Marketing, Intelisys, a ScanSource Company
- Julie Von Bokern, Director, Global Customer Insights

Ansley Hoke was also named to CRN's Power 100 list, which represents an exceptional 100 female executives whose expertise, insight and influence help drive channel success.

"CRN's Women of the Channel and

## Haven Announces Affordable Global Track And Trace Product



Haven, Inc., considered one of the pioneers of the digital revolution in shipping logistics, announced the availability of its new stand-alone cloud-based ocean tracking platform, Haven Track and Trace. The new product allows any shipper, freight-forwarder, trader or broker to easily track the journey of their ocean cargo from the point of origin to its final destination in real-time. A free 30-day trial is available to encourage the sharing of critical information across teams so anyone at any point can take action as needed.

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## OmniStore Turns Grocery Stores Into Small Fulfillment Centers

Intralogistics specialist TGW and the shop-fitting professionals from 'um-dasch The Store Makers' have developed an innovative store and logistics concept for food retailing called OmniStore, an omni-channel model that integrates logistics processes. OmniStore combines the strengths of traditional retail with the benefits of e-commerce, but it does so at local grocery stores. At a trade forum organized by CASH trade magazine in Fuschl, Austria (24 to 26 April 2019), OmniStore was introduced to a large specialist audience for the first time where it was met with great approval.

The supply chain in food retailing has consistently been optimized over decades to provide best possible service at lowest possible costs. This was feasible as long as companies were able to fulfill changing consumer needs with store models that did not fundamentally impact the material flow. However,



due to the rapid growth of online commerce, this approach is now increasingly reaching its limits. Selling food via the Internet follows other rules than traditional distribution, thereby placing new and different demands on supply chains.

Families and younger customer groups in particular are increasingly buying food online either from at home or on the go via their smartphones.

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## Savi Technology Announces The First Truly Global Sensor Designed To Eliminate In-Transit Blind Spots

Savi®, an innovator in big data/machine learning analytic solutions, supply chain management software and sensor technology, today announced the newest addition to its current suite of sensors. Savi Locate™ for global multi-modal shipments is the first sensor built to operate on all available 4G, 3G and 2G cellular networks to ensure shippers have live, streaming visibility to goods in-transit worldwide. When coupled with Savi Visibility™ software, shippers will have up-to-the-minute data need-

ed to mitigate the risk and cost of delayed or lost shipments.

The most significant visibility gaps in global multi-modal shipping happen when a shipment is transferred from land-to-sea or sea-to-land. Traditional Electronic Data Interchange (EDI) carrier messages provide delayed milestone information.

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## Coridian Technologies, Inc. Expands Offerings Through Merger With UDI Global Solutions

Coridian Technologies, Inc. (Coridian) and UDI Global Solutions announce the successful merger between the two companies was completed in April 2019. The combined firms will operate under the Coridian name headquartered in Chanhassen, Minnesota, as the first company to offer complete Unique Device Identification (UDI) compliance services and all necessary hardware and supplies required to implement successful solutions.

Mike Cleary, Coridian Technologies President, commented, "Adding the global UDI Global Solutions solution set and expertise under the Coridian umbrella allows us to provide medical technology companies complete end to end device traceability and management solutions that satisfy United States and global requirements."

[Continue reading >>](#)

## GS1 US Issues Guideline For Order Consolidation In Apparel And General Merchandise

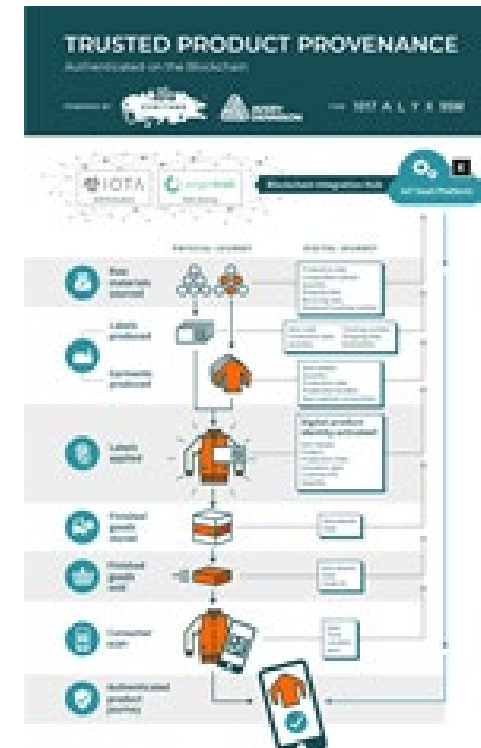
GS1 US®, in collaboration with leading North American apparel and general merchandise brands, retailers and solution providers, has published the GS1 US Apparel and General Merchandise Guideline - Order Consolidation Best Practices, offering industry-supported recommendations for consolidating multiple purchases across multiple departments into a single carton to reduce shipping and handling costs while improving sustainability.

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## Avery Dennison And EVERYTHING Partner With 1017 ALYX 9SM Allowing Consumers To 'Track To The Rack'

Avery Dennison (NYSE:AVY) and EVERYTHING today announced the launch of an innovative new blockchain solution for the fashion industry, in partnership with 1017 ALYX 9SM, Matthew Williams's cutting edge fashion label. This proof of concept distributed ledger technology (DLT) solution is an extension of Avery Dennison's Janela™ platform, powered by EVERYTHING, which allows brands to create clothing that is born digital, and connect with their customers directly via a QR code on the label. With this announcement, we've added the capabilities of EVERYTHING Blockchain Integration Hub partner, IOTA, to provide consumers with full transparency and provenance for the 1017 ALYX 9SM apparel items they purchase and wear.

Brand transparency is more important



than ever to consumers, who express growing concerns over sustainable and ethically-sourced fashion, alongside clothing provenance. This 'track to the rack' capability is a response to those concerns and allows consumers and brands alike to see an item's journey from creation to sale...

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## Brother Unveils New Labeling Products For Supply Chain

Brother Mobile Solutions, Inc. (BMS), a premier provider of mobile and desktop printers, announces the launch of its groundbreaking new TD 4 Desktop Thermal Printer Series designed with 'supply-chain-ready' functionality for printing barcode labels, tags or receipts for virtually any application in the warehouse, transportation & logistics supply chain, manufacturing plant, retail, hospital, and other fast-paced environments. The newly unveiled product series was engineered to help the small-to-midsize business or warehouse meet new standards of speed driven by omni-chan-

nel commerce and the unprecedented demand for efficiency in shipping and product delivery.

Print Performance Meets Affordability - The TD 4 Desktop Thermal Printer portfolio includes industry-leading performance and connectivity along with seamless workflow integration delivered at a price point that is unmatched in the industry.

[Continue Article](#)

## An IoT Solution That Makes Inventory Count Itself



Customers want what they want and they want it NOW. In this era of hyper competition, having the right product, in the right quantity, at the right place can mean the difference between survival or extinction for businesses. Inventory Management is the key to satisfy customer demands. Retailers, distributors, and manufacturers are looking for better solutions to manage their inventory.

Even though businesses have sophisticated ERP software, the actual counting and data entry is done by human beings, periodically, in a labor intensive and slow process. As a result the data is not current and is prone to errors. [Continue reading >>](#)

## Cognex To Participate In Upcoming Investor Conferences

Cognex Corporation (NASDAQ: CGNX) announced today that Robert J. Willett, Chief Executive Officer, will discuss the company's performance and future prospects at two upcoming investor conferences:

Sanford C. Bernstein's 35th Annual Strategic Decisions Conference at the Grand Hyatt New York in New York, NY. Mr. Willett's presentation will be on Thursday, May 30, 2019, beginning at 3:00 p.m. EDT.

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## TEKLYNX International Earns Two Stevie® Awards In The 2019 American Business Awards®

TEKLYNX International, the world's leading barcode and RFID labeling software developer and solutions provider, today announced it was awarded a Stevie for New Product of the Year and TEKLYNX Product Manager Travis Wayne was awarded a Stevie for Product Developer of the Year in the 17th Annual American Business Awards.

More than 3,800 nominations from organizations of all sizes in virtually every industry were evaluated for this year's American Business Awards competition and over 200 professionals worldwide participated in the judging process to select this year's winners.

TEKLYNX International's American Business Awards come on the cusp of the company's recent product launch, regarded as its most innovative and robust product launch to date, as the



industry-leading barcode and RFID software solutions provider continues to digitally transform labeling for companies around the world.

TEKLYNX credits its continued investment in software design...

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## Datex Launches Pack Verification For E-Commerce Omnichannel Fulfillment Warehouse Operations

Datex recently announced the debut of a new feature in its award-winning warehouse management software that helps improve order fulfillment accuracy. The new pack verification feature included in Datex FootPrint® WMS software reduces errors, processing time and labor when packing and shipping product from a fulfillment warehouse, 3PL or distribution center. The pack verification feature is fast and easy to use.

Using handheld mobile devices or barcode readers, warehouse workers scan the box in order to view its contents. The new pack verification feature displays images of each item in the box on the user interface of the WMS. Warehouse workers find this streamlines the package checking process.

[Continue Reading](#)

## U.S. Patent Issued For Groundbreaking DNA-Based Barcoding Technology To Improve Food Traceability

SafeTraces, Inc. announced today that the U.S. Patent and Trademark Office granted the company a U.S. Patent titled DNA Based Bar Code for Improved Food Traceability. The patent discloses a novel method for encoding and decoding digital information to and from DNA strands. The SafeTraces technology uses DNA strands drawn from seaweed and allows the food and agricultural industries to create and apply unique, edible, flavorless DNA barcodes directly to the food, not the packaging. These barcodes carry complete source data, stay on the food throughout the supply chain, and can be read in minutes to confirm provenance and purity of any food item.

The result is a highly scalable, cost-effective way of uniquely identifying the food - not just the box or pallet - that is far superior to conventional DNA tagging. [Continue reading >>](#)

## SoulCycle Selects EnVista To Support Rapid Growth, Customer Satisfaction Through Omni-Channel Solutions

enVista, a leading global software solutions and consulting services firm enabling both physical and digital commerce, announces today that SoulCycle, a New York City-based lifestyle brand, has selected enVista's omni-channel software solutions to enable SoulCycle's digital transformation strategy and initiatives.

[Continue reading >>](#)

## Heilind Electronics Adds BradyPrinter M611 Mobile Label Printer

Heilind Electronics, a leading global distributor of electronic components and authorized distributor for Brady, has added the BradyPrinter M611 mobile label printer to its line of Brady identification products.

With more and more identification tasks being completed outside of the traditional office setting, the need for mobile labeling solutions becomes critical. Brady's new M611 mobile label printer fulfills this need by offering a way to print labels remotely. The new printer utilizes the Brady Workstation Express Labels mobile app, featuring a touch-screen interface for fast and easy label creation. It also includes smart-cell technology that communicates with the software, labels and ribbon materials - ultimately streamlining the label setup and creation processes, resulting in time and labor savings.



The M611's convenience and ease of use are complemented by its durability. The printer operates on a lithium-ion battery that remains powered throughout the day. Additionally, it features a rugged design that withstands even the harshest environments.

Each unit presents a diverse set of connection options, including Bluetooth, Wi-Fi and USB 2.0. The units also feature an auto cutter and a 300 dpi print head for crisp output. This versatile printer is ideal for mid-volume industrial printing in sectors like contract manufacturing and logistics.

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## Zebra Technologies Announces First-Quarter 2019 Results

Zebra Technologies Corporation (NASDAQ: ZBRA), an innovator at the edge of the enterprise with solutions and partners that enable businesses to gain a performance edge, today announced results for the first quarter ended March 30, 2019.

"Our first quarter results were driven by solid execution and strong demand for our leading portfolio of solutions. We outperformed in data capture and mobile computing and managed costs well," said Anders Gustafsson, chief ex-

ecutive officer of Zebra Technologies. "We are increasing our 2019 sales and profit outlook based on our solid start to the year and recent acquisition of Temptime Corporation. We remain focused on our enterprise asset intelligence vision to drive innovative solutions for our customers."

[Continue Article](#)

## Lab To Showcase Self-Driving Supply Chain Solutions At SAPHIRE NOW®

Camelot's focus will be on innovations in state-of-the-art digital value chain management: from Demand-Driven MRP and blockchain based business applications to AI in master data management. Conference attendees will experience high-grade live demos and expert discussions at Camelot booth #444.

Self-Driving Supply Chains are built through integration, automation and the use of latest technology. Camelot will showcase how end-to-end value chain management brings companies closer to the vision of the Self-Driving Supply Chain.

Earlier this year, SAP announced a joint initiative with Camelot IMLab to co-develop a solution to bring the Demand-Driven Adaptive Enterprise (DDAE) model into the SAP Integrated Business Planning solution.

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## Cognex Reports Results For The First Quarter Of 2019

Cognex Corporation (NASDAQ: CGNX) today announced financial results for the first quarter of 2019. Table 1 below shows selected financial data for Q1-19 compared with Q1-18 and Q4-18.

"Our Q1 results were in line with our guidance and we set a new first-quarter revenue record," said Dr. Robert J. Shillman, Founder and Chairman of Cognex. "However, slower business conditions have dampened our expectations for growth in the near term. Nevertheless, our products are a key element of factory automation and logistics, which we believe are both growth markets, and we remain optimistic about Cognex's future over the long term." [Continue reading >>](#)

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## Supply Chain Solutions For Global Brands; Integrated Services Provide Speed To Market For Multi-Unit Programs

DAVACO has introduced an enhanced service that streamlines the movement of assets and inventory to support multi-unit programs. Building on the company's existing logistics and consolidation capabilities, DAVACO supply chain provides speed to market, with a single point of contact, from procurement and logistics to final installation. Integrating supply chain services with program management and execution helps brands alleviate the challenges related to order management, material visibility and the coordination of multiple suppliers to meet critical program schedules.

By working earlier in the development of programs with clients and suppliers, DAVACO can identify efficiencies and resources needed to better synchronize FF&E/OS&E deliveries with project execution. The company coordinates pur-



chasing, inventory management, transportation, warehousing, consolidation, material sequencing and various "in a box" solutions that are customized to maximize each initiative.

[Continue Article](#)

## Avery Dennison Announces First Quarter 2019 Results

Avery Dennison Corporation (NYSE:AVY) today announced preliminary, unaudited results for its first quarter ended March 30, 2019. All non-GAAP financial measures referenced in this document are reconciled to GAAP in the attached tables. Unless otherwise indicated, comparisons are to the same period in the prior year

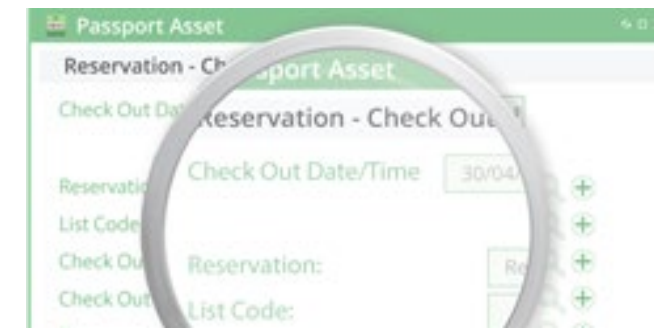
"Our Q1 performance was solid, given a challenging start to the year, with adjusted earnings in line with our expectations," said Mitch Butier, President and CEO.

"In the Label and Graphic Materials segment, organic growth slowed, while profitability was solid. We expect organic growth and operating margin to improve through the course of the year. Retail Branding and Information Solutions continues to deliver, with another quarter of strong sales growth for RFID products... [Read more >>](#)

## Socket Mobile Reports First Quarter Revenue Growth And Profitable Operating Results

Socket Mobile, Inc. (NASDAQ: SCKT), a leading innovator of data capture and delivery solutions for enhanced productivity, today reported revenue growth and profitable operating results for the first quarter ended March 31, 2019.

Revenue for the first quarter of 2019 was \$4.6 million, a 16 percent increase compared to revenue of \$4.0 million for the same quarter a year ago and an increase of 12 percent compared to the previous quarter's revenue of \$4.1 million. [Read more >>](#)



## Asset Tracking System Reveals Enhancements To Reservation Feature

ASAP Systems, the market leader in Inventory System and Asset Tracking, reveals enhancements on the Reservation Feature for its On-Premises Asset Tracking System.

This feature is already available using the online Asset Tracking System. The Reservation Feature allows users to make reservations that can be used to populate the checkout and check-in transaction. The Reservation Feature offers better scheduling of asset availability.

The Reservation Feature can now be used as a means for checking in, checked out asset items without using a list. The enhancements include the added ability to check-out and check-in asset items based on a reservation. Users can now profit from this flexible and time-saving process during everyday procedures.

[Continue Article](#)

## Pepsi Hydration Station Using QR Codes For Tracking

Built to reflect how people drink water today, the new hydration platform from PepsiCo, Inc is a connected ecosystem that responds to the rise in consumption of low-and-no-sugar drinks as well as heightened focus on plastic's effect on the environment. As part of PepsiCo's Beyond the Bottle efforts, the new system makes it easier for people to stay hydrated with great-tasting beverages, digitally track their hydration, and help meet the growing consumer demand for more sustainable packaging.

Following PepsiCo's recent acquisition of SodaStream, the platform is the next step along PepsiCo's Beyond the Bottle journey, which encompasses ways to deliver beverages without single-use plastic bottles.

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## Padlock Seal Offers 1D Barcode, 2D And QR Code Marking Options



TydenBrooks, the global market leader in security seals, announced today a new product, the HL-6 Padlock Seal. The HL-6 Padlock Seal is the latest addition to TydenBrooks' indicative plastic seals catalog and adds new security and design features to enhance the padlock seal line. The main new features are an extended spring arm with a plugged barrel, allowing for more application options, and laser 1D, 2D and QR marking.

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## Impinj Reports First Quarter 2019 Financial Results

Impinj, Inc. (NASDAQ: PI), a leading provider and pioneer of RAIN RFID solutions for identifying, locating and authenticating everyday items, today released its financial results for the first quarter ended March 31, 2019.

"First-quarter results were strong, with revenue, net loss and adjusted EBITDA loss outperforming our guidance and revenue a record for a first-quarter," said Chris Diorio, Impinj co-founder and CEO. "We also announced our new Impinj M700 endpoint IC family, which I believe to be our most exciting new-product introduction in a decade. The Impinj M700 dramatically shrinks chip size while increasing the range, reliability and read speed of RAIN RFID systems.... [Continue reading >>](#)

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## Zebra Named To Forbes' Best Employer List For 4th Year

Zebra Technologies Corporation (NASDAQ: ZBRA), an innovator at the edge of the enterprise with solutions and partners that enable businesses to gain a performance edge, announced it has been named to Forbes' list of "America's Best Employers," for the fourth consecutive year. Based on recommendations from current employees and industry professionals, Zebra made the list of mid-sized companies for its ongoing commitment to employee engagement, inclusion and diversity.

Zebra's diverse workforce of about 7,400 employees globally is driving a growing portfolio of intelligent edge solutions and devices designed to empower those on the front line of business. These solutions are delivered in collaboration with an ecosystem of more than 10,000 partners in more than 100 countries, enabling customers to create smart environments and op-

imize operations through connected, collaborative workflows.

"At Zebra, we are cultivating an inclusive and diverse culture where creativity and innovation thrives," said Michael H. Terzich, Chief Administrative Officer, Zebra Technologies. "We are fortunate to have some of the brightest talent in the industry, and our passion to serve our partners and customers is one of our greatest strengths. We will continue to invest in fostering an environment that attracts top professionals to help our customers gain a competitive edge."

Founded in 1969, Zebra has provided 50 years of technology expertise, leadership and innovation. The company has seven regional innovation and design centers with more than 4,400 U.S. and international patents issued and pending.

[Continue Reading](#)

## BarTender 2019 Introduces Innovative, Powerful Features For Enterprise Labeling

Seagull Scientific has announced the immediate availability of BarTender 2019, the latest version of the world's most trusted software for transforming business information into the labels, barcodes, RFID tags, smartcards, documents, packing slips and pallet labels that drive all companies—from micro-businesses to global enterprises. BarTender 2019 focuses on real customer needs with every innovation:

- The improved BarTender Designer introduces grids, tables, easy text

wrapping, and the ability to use multiple database records in a single document, enabling customers to leverage BarTender for packing slips, invoices, pallet labels, and more.

- Intelligent Forms™ enable the creation of complex print-time processes and automation.

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## Code Again Ranks In Top 20 For Patents Issued In Utah

Code, an innovator in healthcare automation and mobile technology, was honored at the 2019 Utah Genius Awards for the number of patents issued during the 2018 calendar year. It is the third straight year Code has been recognized for key contributions in driving Utah's creative economy.

Code was distinguished as a 2018 Top 20 Company by Number of Patents Issued during 2017, earning 19 from the U.S. Patent and Trademark Office. Code's President and CEO, George Powell, and Vice President of Engineering, Ryan Hoobler, were also recognized as Top 20 Patentees. The previous year, Code was granted 13 patents, also resulting in a Top 20 finish.

Code, an innovator in healthcare automation and mobile technology, was honored at the 2019 Utah Genius Awards...

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## Barcodes, RFID And AI Yield Cost Savings Of 20%+

BellHawk is pleased to announce the availability of a new white paper "How to Cut Manufacturing Overhead Costs by 20% or More Using Real-Time Artificial Intelligence" by Dr. Peter Green.

This white paper is available as a PDF download from the "White Papers" link at the bottom of [www.BellHawk.com](http://www.BellHawk.com). Today, in many manufacturing operations, the overhead costs significantly exceed the direct cost of making products, especially with automation of production operations.

[Continue reading >>](#)

## Honeywell Heavy Duty Industrial Printer Features Industry-First Internal Label Verification System

Honeywell (NYSE: HON) has introduced a new high-performance industrial printer with integrated label verification and precision printing features that deliver error-free printing. The Honeywell PX940 Industrial Printer features the industry's first internal verification system providing customers with defect free and accurate barcodes every time. With pass/fail and American National Standards Institute grades from 1 to 4, barcodes that do not meet an established threshold are retracted, voided and a new label is reprinted.

With the integrated verifier, customers required to comply with regulatory standards will no longer be subjected to fines and other costs associated with barcodes that cannot be scanned. Complying with these regulatory standards are vital for many industries, including transportation and logistics, healthcare and pharmaceuticals, shipping and dis-



tribution, industrial manufacturing and automotive parts manufacturers.

"We have seen retailers charge back up to 20 percent of a shipment value if a barcode is not compliant to their standards, usually at a costly fine," said Taylor Smith, chief marketing officer of Honeywell's Productivity Products business. "The integrated verifier and Honeywell's advanced image processing software records all data to the cloud, ensuring customers never have a poor-quality label."

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## Super ID Tags With QR Code Now Free For Law Enforcement And Active Military From Dynotag

Dynotag, makers of the Super IDs family of smart ID tags, announced expansion of their popular "Thank First Responders" program, which provides complimentary smart IDs to emergency medical personnel. Effective immediately, Law Enforcement and Active Military will also be eligible for the free program.

A SuperMedID™ provides instant access to a detailed emergency profile by

simply scanning a QR code on the ID or by going online and entering the ID number. Available as necklaces, bracelets, key tags or cards, a SuperMed ID provides vastly more lifesaving information than traditional medical IDs can.

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## Mark & Read Enables Real-Time Code Verification For More Applications



Markem-Imaje, part of Dover (NYSE: DOV), launches the expansion of the CoLOS® Mark & Read camera and software system that helps manufacturers tailor code verification to best suit application needs and budget. As products go down production lines, users can choose to check code presence, readability and data accuracy on packaging. Confirming that products are properly coded while on the production line – at the precise time they are printed – CoLOS® Mark & Read minimizes scrapped production and factory rework while preventing recalls. [Continue reading >>](#)

## Shareholder Value Is Inextricably Linked To Supply Chain Performance In Univ Of Tennessee White Paper

Global supply chain and operations consulting firm Maine Pointe is featured prominently in a white paper published by the University of Tennessee's Global Supply Chain Institute (GSCI), titled "Driving shareholder value with your supply chain." The paper shows the inextricable link between shareholder value and supply chain performance, exploring specific areas where many organizations fall short, and highlighting success factors and an actual case study of how an organization was able to add \$600 million of cash flow through supply chain optimization.

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## SAE International Updates Key Technical Standard That Addresses Counterfeit Parts In Aerospace Supply Chain

SAE International has published Revision C of Aerospace Standard AS5553 Counterfeit Electrical, Electronic, and Electromechanical (EEE) Parts; Avoidance, Detection, Mitigation, and Disposition.

This Standard was originally created and has been updated in response to continually evolving, significant, and increasing risk of counterfeit electrical, electronic, and electromechanical (EEE) parts entering the global aerospace supply chain and other high-reliability and critical sectors, posing significant performance, reliability, and safety risks.

The revision effort was conducted by the SAE G-19 Continuous Improvement committee led by Bill Scofield of The Boeing Company. Scofield wel-



comed the publication of AS5553C which the aerospace industry will rely on to address the risks associated with counterfeit electronic parts.

The new revision (SAE AS5553C) includes requirements, practices and methods related to EEE parts management, supplier management, procurement, traceability and control, training and response strategies when suspect parts are discovered.

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## Magnolia Pictures Joins Entertainment Identifier Registry Association

The Entertainment Identifier Registry (EIDR), the global source of universal unique identifiers for digital distribution of movies and television assets, announced today that Magnolia Pictures has become an EIDR member.

Magnolia Pictures is the theatrical and home entertainment distribution arm of the Wagner/Cuban Companies, a vertically-integrated group of media properties co-owned by Todd Wagner and Mark Cuban. EIDR's unique identifiers will make it possible for films distributed through Magnolia Pictures to be accurately identified across all

platforms and enable precise matching of their titles across third party datasets.

"The use of EIDR's unique content IDs on our film properties will help ensure that we can readily and efficiently identify distribution of our content across all platforms globally," says Randy Wells, Head of Home Entertainment, Magnolia Pictures. "The ability to match our content as it moves across the myriad of ways...

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## A New Era For Supply Chain #Promat

Datalogic, a global leader in the automatic data capture and industrial process automation will be unveiling top innovations at ProMat at Chicago's McCormick Place, April 8-11, 2019. ProMat is the premier expo for the latest manufacturing, distribution and supply chain equipment and systems in North America.

In booth S3931, Datalogic will present, following its innovative trajectory, several new products, including some exclusive products that will made available soon - this is a unique opportunity to discover some of the most advanced technologies for the Supply Chain:

- New ways to accelerate high speed sorting, image inspection, track & trace and cost efficiencies for e-commerce

[Read more >>](#)

## Cognex Corporation Announces Resignation Of CFO

Cognex Corporation (NASDAQ: CGNX) today announced that Senior Vice President of Finance & Administration and Chief Financial Officer John J. Curran will resign from Cognex, effective May 3, 2019.

"I want to thank John for his contributions during his two-year tenure as CFO, which include the successful implementation of Cognex's new ERP system and the further development of our Finance and Administration organization," said Robert J. Willett, Cognex's President and Chief Executive Officer. [Continue reading >>](#)

## Barcoding, Inc. To Exhibit And Host Two On-Floor Seminars At ProMat 2019

Liveclicker, a global provider of real-time email personalization solutions for B2C marketers, today announces the release of LiveCoupon, allowing marketers to increase email conversion by serving and testing personalized offers in multiple text, barcode, and QR code formats.

With LiveCoupon, a component of Liveclicker's RealTime Email suite, marketers save time through automating coupon code distribution, and improve results from incentives by serving the right incentive form and value to the right customers.

"LiveCoupon enhances our ability to continue delivering personalized messages and incentives to consumers," said Jennifer Chiang, Sr. Analyst, Email Marketing, BCBG

"LiveCoupon reduces operational complexity for such campaigns by automating the messaging of the promotions based on consumers' previous engagement (with the same promotion). This further helps us with customer segmentation, making our program more relevant and effective."

Marketers are accustomed to cumbersome workflows for coupon code distribution. LiveCoupon replaces the need to create multiple customer segments requiring multiple campaign deployments, which adds to the complexity of A/B testing non-unique codes. LiveCoupon offers further value by giving marketers the ability to respond to...

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## Smartrac And 4E Antenna Enter Technology Partnership To Strengthen Sustainability And Advance The 'Green Tag' Program

Smartrac Technology Group, a global market leader in RFID products and IoT solutions, and 4E Antenna AB, a Walki Group associated company and leading producer of paper-based antennas and circuits, today announced their technology partnership to further strengthen true sustainability in RFID products and applications.

In compliance with Smartrac's Green Tag Program, both companies will jointly develop RFID inlays and tags which are fully sustainable and environmentally friendly. These new products aim to address businesses that recognize

the value and importance of a truly reduced carbon footprint and greatly reduced environmental impact, in a wide number of markets such as smart packaging, supply chain management, retail and many more.

Smartrac announced its comprehensive Green Tag Program earlier this year, taking on an obligation to manufacture RFID products that verifiably meet strict criteria regarding the use of recyclable substrates, avoidance of heavy metals, and non-use of chemical etching in the production of aluminum antennas. [Continue reading >>](#)

## Liveclicker Releases LiveCoupon, A New Capability For Distributing Personalized Coupon Codes In Email Marketing Messages

Examinations of economic uncertainty, supply chain opportunities and increasing technological advancement fueled ample discussion during SMC's three-day Jump Start 2019 educational conference at the Renaissance Waverly Hotel Atlanta.

The next SMC<sup>3</sup> conference will take place starting June 24 at the Broadmoor in Colorado Springs, Co. For more information about Connections 2019, visit <http://www.smc3connections.com>.

More than 560 carriers, shippers, 3PLs and other supply chain professionals attended Jump Start 2019. Conference participants benefitted from more than 34 hours of transportation content and close to 20 hours of dedicated networking opportunities.

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## Alien Technology Unveils Next Generation High-Memory RFID IC And Tags

Alien Technology, an industry leader in Radio Frequency Identification (RFID) Ultra High Frequency (UHF) products and services, today announced the Higgs-9 IC, the first release of its next-generation of Higgs RFID semiconductor integrated circuits. The company also announced its newest high-memory inlays. The products were unveiled at RFID Journal LIVE! 2019 and are being featured in Alien's Booth #803 throughout the event, April 2-4.

The new Higgs-9 enables enterprise-critical applications to run faster, smarter and with quicker ROI in RFID deployments. [Continue reading >>](#)

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## TEKLYNX International Launches 2019 Barcode Labeling Software Solutions Designed To Help Manufacturers Increase Labeling Efficiency, Accuracy And Automation

TEKLYNX International, the global leader in barcode and RFID labeling software solutions, today announced its 2019 launch of LABEL MATRIX, LABELVIEW, CODESOFT, SENTINEL and LABEL ARCHIVE. Featuring a wide array of end user enhancements, the TEKLYNX 2019 barcode labeling software solutions are designed to help manufacturers of all sizes improve labeling efficiency, accuracy and automation.

TEKLYNX is known for its customer-centric culture in the barcode & RFID software industry. Customer insights continue to drive product development as TEKLYNX helps manufacturers across industries, around the world barcode better. A recent TEKLYNX survey indicated an overwhelming percentage of barcode software end users want to improve labeling operations.

- 97% want to print labels faster
- 93% want to reduce labeling errors
- 90% want to standardize labeling operations across employees

“Barcodes are critical throughout the supply chain as manufacturers look to meet demands for product safety, customer responsiveness and supply chain agility,” states TEKLYNX International President Thierry Mauger. “The TEKLYNX 2019 solutions are designed to support the pivotal activities unfolding behind the barcode by helping manufacturers print labels faster, eliminate repetitive manual steps and prevent labeling errors.”

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## OpenBOM Announces Bill Of Material Management Fundamentals Research Study By Tech-Clarity

The research shares practical advice on managing bills of materials (BOMs). BOM management is critical to connecting design, purchasing, and production activities across a manufacturing business. The Bill of Material is the backbone of the manufacturing business, specifying what to buy and what to build, and is the fundamental way which manufacturers define, communicate, and realize their products.

costly errors. Managing BOMs is challenging because BOM communication has to bridge disciplines and teams across company boundaries. Sound BOM practices create a bridge that crosses all aspects of the organization by documenting engineering designs and providing the vital information needed by the Purchasing team.

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Ineffective or poorly managed BOM processes lead to low productivity and

## Vizinex RFID Named To Supply & Demand Chain Executive's SDCE 100 Top Supply Chain Projects For 2019

Supply & Demand Chain Executive, the executive's user manual for successful supply and demand chain transformation, has selected Vizinex RFID as a recipient of an SDCE 100 Award for 2019.

The SDCE 100 is an annual list of 100 great supply chain projects. These projects can serve as a map for supply chain executives who are looking for new opportunities to drive improvement in their own operations. These projects show how supply chain solution and service providers help their customers and clients achieve supply chain excellence and prepare their supply chains for success.

“We are honored to be selected for the SDCE 100 top supply chain projects for 2019,” said CEO Ken Horton.

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## Barcoding, Inc. To Host Geek Tank Workshop Series For Android Migration

Barcoding, Inc., the leader in supply chain efficiency, accuracy and connectivity, is excited to present its new workshop series, Android in the Enterprise: Barcoding Geek Tanks.

The automated data capture industry is changing fast. Windows Embedded Handheld 6.5 and Windows CE, which companies have relied on for the last several decades to run their mobile devices, will be unsupported starting in 2020.

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## RetailX Chicago - BSN Today Announces Its Eprint Program

Eprint tags are based on a 'printed electronics' integrated circuit (IC) and therefore no longer require a silicon chip. The removal of the need for silicon chips, allows for a dramatic reduction in prices and will offer a truly disruptive alternative to current RFID NFC solutions.

Eprint IC's will be embedded inside of BSN RFID labels and can be read by a smartphone. Taking advantage of the latest 5G data communications, Eprint applications will allow for the consumer to use their smartphone in order to authenticate and validate products in just a second or two. In addition, consumers may enhance their shopping experience as they will be able to read Eprint labels on their phones and can trigger YouTube videos that display the key features of any product.

“Fake products, known as counterfeit items, are growing at an alarming rate,” says Philip Calderbank, RFID Consultant with BSN. “You will find an amazing number of counterfeit items in many markets, such as pharmaceuticals, luxu-



ry goods, baby formula, electronics, hair products and cosmetics. In fact, counterfeit drugs can run as high as 40% of the total sales in some countries,” says Calderbank. “The consumer is becoming increasingly aware that the product that they buy online, or even in-store, may not be the real thing. This becomes serious when a mother is buying formula for her baby, or a doctor is injecting medicine in the field. Even in the USA, it is now estimated that counterfeit drugs may account for more than 1% of all medicines.”

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## Cooltrax Named To Food Logistics' Top Green Providers List For 2019

Cooltrax, a global leader of cold chain visibility and food safety monitoring, has been named to Food Logistics' Top Green Providers list for 2019.

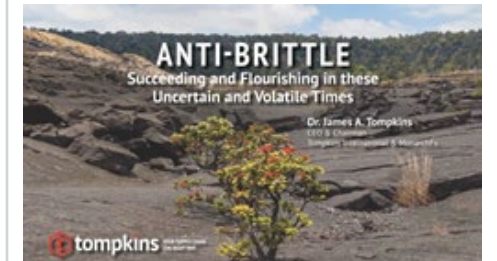
Sustainability in the food value chain from production to distribution has become a strategic focus for consumer goods companies with many having set ambitious targets to reduce carbon emissions and resource requirements. Food Logistics is the only publication exclusively dedicated to covering the movement of product through the glob-

al food supply chain. Companies on its Top Green Providers list have products, services, and exemplary leadership that enhance sustainability within the food and beverage industry.

“Cooltrax is honored to be recognized in a prestigious list of companies playing a vital role in driving the global food supply chain forward,” said Mike Sharpe, President, Cooltrax.

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## Thought Leadership Video On How To Achieve Supply Chain Success During These Uncertain Times



Jim Tompkins, CEO of Tompkins International, supply chain and new retail strategy expert, has just released his newest thought leadership video Anti-Brittle: Succeeding and Flourishing in these Uncertain and Volatile Times. Tompkins' continues to shape and grow the supply chain industry through innovative ideas, insight and reinvention. This video focuses on the level of uncertainty and volatility organizations are experiencing today. This comes as result of the digital era, the disruption cycle, the global economy, the new retail, and technology innovations, to name a few.

Organizations need to learn how to succeed and flourish in these uncertain and volatile times. Tompkins explains this happens through organizations having the ability to quickly and efficiently reconfigure strategies, structures and solutions. He further discusses how to achieve success, profitability and growth, while embracing uncertainty.

“The uncertain and volatile times of today demand the deployment of anti-brittle, no regrets solutions that allows for the intelligent movement across options to provide solutions applicable to the requirements of the day. The key to success is to be flexible, modular, portable, agile, and available on demand, while operating efficiently over a wide range of requirements,” states Jim Tompkins.

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## BARCODE SPONSORS

### TEKLYNX International

TEKLYNX International is the world's leading developer of barcode labeling software solutions. Their products feature the widest range of device and driver support in the industry. More than 600,000 companies in 120 countries rely on TEKLYNX integrated software solutions for supply chain automation, warehouse management, shipping and receiving, inventory control, and asset management.



### NiceLabel Software

NiceLabel is the leading global developer of label and marking productivity software solutions that help SME and large enterprises reduce complexity and mitigate risk while meeting compliance requirements and increasing productivity, quality and agility.



### Seagull Scientific

The most trusted software to create and automate labels, barcodes, RFID tags, plastic cards and more. BarTender® software by Seagull Scientific enables organizations around the world to improve safety, security, efficiency and compliance by creating and automating labels, barcodes, RFID tags, and more.



### Loftware Inc.

Loftware's Enterprise Labeling Solutions bring label design resources, native print capabilities, and built-in business rules functionality to integrate barcode labeling with any organizations existing business processes in order to help drive topline revenue, customer satisfaction, and supply chain efficiency.



### Bar Codes Talk, Inc.

Most anything you need with barcoding, Bar Codes Talk, LLC. can take care of for you. They are family owned and operated with a customer base of over 15,000 companies. They value themselves on same day service with high quality products - not many competitors can say the same.



### ScanSKU

ScanSKU™ is a Barcode Scanning Technology Solutions Provider. We can supply both the hardware and software to allow your business to more accurately scan and track Inventory, Assets or just about anything else.



### Janam, Inc.

Janam Technologies LLC is a leading provider of rugged mobile computers that scan barcodes and communicate wirelessly. Janam combines deep industry knowledge with advanced technologies to deliver products with the right features and the right price.



### Express Corp

Express is a manufacturer and distributor of high-quality and durable barcode labels and tags, asset tags, industrial nameplates, warehouse identification products, and UID tags produced from aluminum, polyester, steel and other durable materials.



### Microscan Barcode Verification

Ensuring perfect labels is as easy as scanning a code. Grab a Microscan LVS Barcode Verifier to check barcode quality on the fly and adjust data structure, design, or print issues before bad codes enter the supply chain.



## BARCODE SPONSORS

### Dynamsoft Corporation

Founded in Sep 2003 with the aim of being the dynamic center of software developers, Dynamsoft provides enterprise-class version control software, TWAIN software development kits (SDK) and other document imaging SDKs, with numerous generations for each product.



### Smartrac Technology Group

Smartrac is the global leader in unique and scalable solutions that enable businesses to digitize products, complement their product offerings with digital services, and connect them to the Internet of Things.



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# BARCODE RESOURCES



## ▶ HISTORY OF BARCODES

The bar code, also referred to as a UPC (Universal Product Code), although that is just one type of bar code, was invented for inventory tracking purposes in stores.

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## ▶ ALL ABOUT 1D BARCODES

Have you ever looked at the black and white symbol on your grocery product packaging, or on the cover of a book that you just bought or even a department store receipt and wondered how the information is encoded in those bars and spaces?

[Read more >>](#)

## ▶ HOW TO GET A BARCODE

So, you have a product, and you want to be able to sell it through retailers. Now you're wondering how to get a bar code, or more specifically, a Universal Product Code (UPC).

[How to get a barcode >>](#)

## ▶ HOW TO CHOOSE A BARCODE READER OR BARCODE SCANNER

There are many considerations when choosing a type of barcode reader or scanner.

[Learn more >>](#)

## ▶ RFID RESOURCE ARTICLES

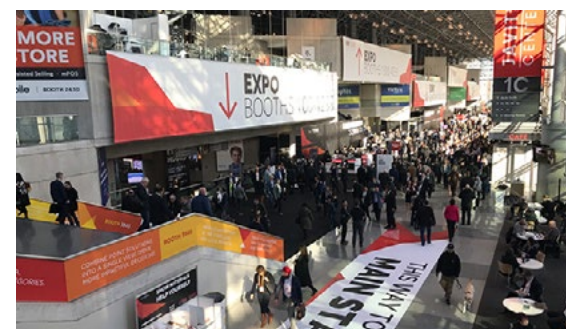
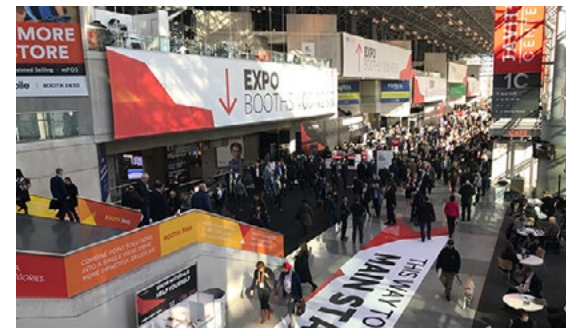
RFID (radio-frequency identification) is constantly being applied in new and exciting ways. These are links to some of our most popular articles about RFID.

[See articles >>](#)

## ▶ LOOKING TO BUY BARCODE EQUIPMENT?

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July 15-17, 2019 - Digital Food & Beverage  
Austin, TX - [Learn more](#)



August 19-22, 2019 - eTail East  
Boston, MA - [Read more](#)

If you know of a trade show or event that should be listed here, [please contact us.](#)



# Careers in Barcoding, RFID, Supply Chain



Time for a new job? The Barcode and RFID industry is a dynamic and exciting place to work. These technologies continue to grow and penetrate every nook and cranny of businesses all over the world! Consider a career in a growing industry that adds value to everything it touches. This page lists [technology careers](#) that were either submitted to us, or that we have come across, and are subject to change without notice. We make no representation as to actual availability or consistency with the title and accept no liability whatsoever. Job seekers must conduct their own due diligence.

AB&R - American Barcode & RFID - Technical Sales Rep, Service and Repair Technician and mid-level .Net Software Developer

ScanSource.com - (SC, FL, AZ and elsewhere) assorted - finance, marketing, merchandising, sales  
<http://www.scansource.com/en/careers/job-board>

BlueStarInc.com (KY and worldwide offices) - assorted - business development, sales, warehouse  
<http://www.bluestarinc.com/nl-de/about-bluestar/careers.html>

Zebra (IL, GA, CA, MO, NY, RI and others) (about 60 openings posted)  
<https://www.zebra.com/us/en/about-zebra/work/careers.html>

GS1 - <http://www.gs1.org/careers>

Honeywell, Intermecc (world wide - over 3,000 job openings posted)  
<http://www.careersathoneywell.com/en/job-search-results/>

Motorola Solutions (world wide - over 260 jobs posted) - <http://careers.motorolasolutions.com/>

Identiv.com (CA) - <http://www.identiv.com/careers>

Avery Dennison - <https://www.averydennison.com/en/home/about-us/careers.html>

Code Corp - Seeking interns, ops and engineers - <http://www.codecorp.com/careers.php>

TrueCommerce - Jobs in PA, OH, CO -  
<https://www.truecommerce.com/resources/truecommerce-supply-chain-ecosystem/careers-new>

Sick - A variety of jobs in MN, TX and MA. <https://www.sick.com/us/en/careers-at-sick/w/careers-listings/>

Coridian Technologies (MN, IL, WI, FL) Sales Support, Inside Sales, Outside Sales - <https://www.coridian.com/careers>

Boone NC - Manatee Works is searching for the best in sales, marketing, web and low-level programmers.  
Email us at [jobs@manateeworks.com](mailto:jobs@manateeworks.com).

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