February 6, 2019

IN THIS ISSUE

• Setting the Standard for Excellence | Part 3
• Industry Voices & Hot Topics
• NEW Technical Specification | Sensor AI (R009) 01
• 2019 AIM & AIM NA Awards
• Inside AIM Industry Groups | TSC & ADCI TAG Meeting
• Featured Industry Events
• Leadership Spotlight | Industry Group Chairs
• RAIN RFID E-Book
• Members Exclusive | Insider Job Board

∞ Connect with AIM ∞

Setting the Standard for Excellence | 2018 RFID Case Study Winner

In the last of the Insider’s series on the winners of the annual Case Study Competition announced in late 2018, we spotlight Radio Frequency Identification category winner Tyco Retail Solutions for their submission, The Magic of Macy’s: Leveraging RFID for Pick to the Last Unit Omni-Channel Fulfillment.

Established in 1858, Macy’s remains an iconic retailer with nearly 800 stores operating coast-to-coast in addition to macy’s.com, offering a wide variety of merchandise and leading brands. Its famous flagship located at Herald Square in New York City is known as the “World’s Largest Store,” with over 1.1 million square feet of retail space.

Macy’s corporate philosophy recognizes the customer is paramount and as a multi-faceted retailer, Macy’s is committed to helping their customers shop anywhere, anytime, and anyhow they choose, by leveraging the entire inventory of the company to satisfy demand — a tall order in today’s world of consumer expectations and need-it-now mentality.

Merchandise movements, administrative errors and system updates can all cause inventory distortion over time. Macy’s also noted inventory degradation occurs at a rate of about 2-3% a month, so they didn’t want to make decisions based on bad data. Fortunately, they discovered that radio frequency identification (RFID) can help to eliminate these causes detrimental to the fulfillment process.

By working with Tyco Retail Solutions and leveraging the TrueVUE® RFID Inventory Visibility solution, Macy’s was able to establish a foundation of inventory accuracy in key replenishable product categories by relying on item-level RFID to help ensure inventory is optimized across the entire enterprise.

Thanks to the implementation of this RFID technology, Macy’s brick and mortar stores have become their greatest asset for single unit orders, essentially functioning as robust and flexible “warehouses” to utilize the full assortment of owned inventory. Macy’s is now able to access any of its locations’ inventory for order fulfillment to meet customer demand, regardless of where — or when — the customer is shopping. Additionally, by creating a unique program based on the concept of “Pick to the Last Unit” (P2LU), Macy’s has a better way to ensure that the last unit of an item in any store can be easily located and made available for sale. It’s a win-win strategy – customers are happy getting the items they want and inventory management has enabled Macy’s to reduce $1B of inventory from its stores.

The use of RFID has been a game-changer for Macy’s. Utilizing Tyco’s TrueVUE® RFID Inventory Visibility solution ensures a complete view of inventory in stores, online and across the supply chain to satisfy customer demand and achieve Macy’s “buy anywhere, fulfill anywhere” goal. Now, Macy’s is able to maximize revenue opportunity from omni-channel programs and bolster the overall customer experience to support their strategy. In addition to sales lift on regular and first markdowns with the rollout of RFID, Macy’s has reduced inventory costs by lowering interim inventory requirements by one third.

Want to learn more? Click on the Tyco Retail Solutions logo above or view the entire case study here.

Think you have an award winning case study? The 2019 AIM Case Study Competition opens this summer! Watch for it!

Industry Voices & Hot Topics

Predictions 2019: Better ROI for the Industrial Internet of Things | Forbes

The Internet of Things - Who pays when things go wrong? | CTOvision

USDA Adopts Barcode as Digital Disclosure Method for GMOs | Packaging Gateway

When it Comes to the Internet of Things, Small Things Make a Big Impact | AdAge

Blockchain Adoption in IoT Industry More than Doubled in 2018 | Cointelegraph

The Ins and Outs of Securing Internet of Things Devices in Healthcare | Healthcare IT News

Preparing for California’s Internet-of-Things Regulation | JD Supra Knowledge Center
AIM Collaboration with GS1 Yields Groundbreaking Results | Sensor AI (8009) 01

AIM is excited to announce the release of a new sensor technical specification that will provide a universal method to interpret temperature threshold sensors used to enhance supply chain management and logistics in most industrial sectors.

The technical specification, Application Identifier (8009) with Sensor Descriptor Attribute 01 [Sensor AI (8009) 01], is the result of an exclusive collaboration between GS1 and AIM, launched in October 2017, to partner GS1’s Application Identifier data encoding rules with sensor technical specifications developed by AIM. This allows reading and interpretation of the sensor and barcode using a single scan.

An optically readable sensor indicator adds another dimension to an existing barcode format. With Sensor AI (8009) 01, the value of both barcode and RFID tags is significantly enhanced by incorporating dynamic (rather than static) environmental monitoring. It will also enable new applications for AIDC and support use in both Blockchain and Internet of Things programs.

To download a copy of Sensor AI (8009) 01, click here.

NOMINATE TODAY! Once again in 2019, AIM and AIM North America will honor individuals as well as organizations that not only promote the industry, but demonstrate significant contributions to enhanced and new technologies. Nominations are now being accepted, including the inaugural presentation of the Clive Hohberger Technology Award! Submission deadline for all nominations is Thursday, February 28th.

Nominate for the 2019 AIM Awards here...

Richard Dilling Award | Allan Gilligan Award | Clive Hohberger Technology Award
Bert Moore Excellence in Journalism Award | Don Percival Award | Ted Williams Award

Nominate for the 2019 AIM North America Awards here...

Professional of the Year | Organization of the Year | AIT in Government Award

Inside AIM Industry Groups

Join leaders of AIM’s Technical Symbology Committee (TSC), and ADC1 Technical Advisory Group (ADC1 TAG) for their upcoming co-located meetings on Tuesday, March 26th, hosted by Cognex Corporation at their Boulder, Colorado facility.

The morning kicks off with the ADC1 TAG Annual Meeting and will be followed by an afternoon meeting of the TSC. A networking dinner is planned at the end of the meeting day for interested individuals.

Registration is complimentary for members of AIM and ADC1 TAG here.

Not currently involved but want to participate? Join us! To learn more about AIM’s Industry Groups, contact Member Engagement Manager Mike Allen for additional information.

Leadership Spotlight | AIM Industry Groups

As AIM and its members take on 2019, we’re excited to welcome a talented and experienced group of individuals who will serve this year in leadership roles for each of AIM’s Industry Groups. Each will be responsible for working to manage projects and achieve the goals for their respective groups during the coming year.

Internet of Things (IoT) - Amber Walls, Global Standards Director | GS1 US
Great Reading for a RAINy Day | RAIN RFID E-Book

As with any technology, the world of RAIN RFID is growing and evolving every day. Learn how RAIN RFID can make a difference in your business or get detailed information about the technology in the latest publication from the RAIN RFID Alliance. Get your copy or read more here...

Member Exclusive | Insider Job Board

Looking for a position, or know someone who is? Check out the latest opportunities below. Select a specific position to get application submission information or view details.

- Regional Sales Representative - Northeast Region | Metalcraft

If you have a position to fill and want to share it with AIM’s global network, submit details to the Insider Job Board. Any postings received will be included in the next available newsletter.

DON'T FORGET...

Keep AIM newsletters & communications coming!!

The new AIM privacy policy is now in effect. If you want to keep receiving AIM Insider and maintain your free access to communications and premium resources in the industry, take 10 seconds to accept today. Click here now!