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Setting the Standard for Excellence | 2018 AIDC Case Study Winner

Earlier this fall, AIM announced the winners of its annual Case Study Competition -- **HID Global**, **NiceLabel** and **Tyco Retail Solutions**. In 2019, all three will be presenting their winning submissions at industry events or via an AIM virtual event, but the *Insider* wanted to give readers a more detailed look at the impressive stories behind each award winner.

Through the remaining weeks of 2018, issues of AIM newsletters will spotlight one of this year's honorees. Today, we start with AIDC category winner [NiceLabel](#) for their submission, *Siemens Standardizes Labeling Across Its Global Factories to Drive New Levels of Efficiency*.



At Siemens, the Manufacturing Operations Service Delivery department has a straightforward objective -- it is responsible for IT for all the systems, infrastructure and architecture that enable Siemens to manufacture products across their global factories, providing IT systems and services that perform in both a standardized and efficient manner. Over the years, they encountered challenges which included lack of standardization due to multilingual and other geographic issues, varying levels of integration, hard-coded label formats and a lack of version history. Leon McDonnell, Siemens' Service Delivery Manager, spoke of the frustration, "We sit within a network of Motion Control factories, and even at our main site there were three different labeling solutions."

To achieve the desired level of standardization and flexibility, Siemens would need to implement a centralized platform for their label production and printing that could be rolled out across Siemens' multi-national factories.

Enter NiceLabel with a single solution designed to integrate with the company's existing PLM, MES and ERP systems and roll out a standardized label production and printing set-up for the Motion Control factories. By deploying on a private Siemens Cloud, a single server hosts the NiceLabel Document Management System (DMS) and a handful of servers host the NiceLabel integration system. For plants with poorer internet connectivity, decentralized production servers were installed and occasionally synchronize with the centralized solution.

The NiceLabel solution also provided a label designer that empowers business users. Labels connected to the bill of materials (BOM) are initially designed by Siemens' systems and imported into the NiceLabel label designer. Non-BOM related labels, however, can be designed by business users from scratch using NiceLabel's intuitive interface so business users can create and change labels without IT assistance, easily creating labels and deploying specialized templates across factories.

Following the initial installation and standardization effort, Siemens found they not only saw ROI in less than four months, but also an amazing reduction in label printing time from 8 seconds per label to an average of 300 milliseconds per label. When the potential of the technology was realized, Siemens began to offer labeling-as-a-service to other business units. The service has proved to be a popular one, already in use at 22 factories in four different business units across six countries in Europe and in China. Thanks to NiceLabel's scalability, this expansion within Siemens was not only possible, but has been so successful it has been identified as a digital lighthouse service by Siemens Production and Logistics Excellence group.

Want to learn more? Click on the NiceLabel logo above or view the entire case study [here](#).

Industry Voices & Hot Topics

[More Swedes Implanting RFID Chips as Biohacking Trend Grows](#) | Sputnik International

[How the Internet of Things is Changing the Design of Office Buildings & Factories](#) | GeekWire

[Zombie Tech! Why QR Codes, Bluetooth & RFID Still Aren't Dead](#) | Fast Company

[WasteCon 2018: RFID Bin Tracking](#) | IT Web

[Government to Use Barcode Scanners in Next Wave of Voter ID Pilots](#) | Public Technology

[Can the Law Keep Up with the Internet of Things?](#) | The Legal Intelligencer

Clive Hohberger Honored with AIM Lifetime Achievement Award

Earlier this week, at a special ceremony during the joint AIM & GS1 Global Industry Group Meetings in Memphis, Tennessee at the University of Memphis, Clive P. Hohberger, PhD was presented with the Lifetime Achievement Award.

For more than 35 years, Dr. Hohberger has been a significant force in the development of automatic identification and data capture technology, particularly barcode and radio frequency identification (RFID), as a developer, collaborator, author and executive. His career spans nearly five decades representing organizations such as Abbott Laboratories, Blood Center of Wisconsin, United Network for Organ Sharing (UNOS) and Zebra Technologies, where he held senior executive positions in Corporate Development, Marketing and Technology Development. In 2009, he founded Clive Hohberger LLC and today serves as a consultant and Board Member to a number of global organizations.

A past Chairman of the AIM, Inc. Board of Directors, Dr. Hohberger remains one of AIM's most active members, serving with several industry groups and workgroups as well as an Emeritus member of the AIM Board. He was an early recipient of the AIM Awards, being recognized in 1999 with the Richard Dilling Award.

In 2016, one of Dr. Hohberger's major contributions, the [Ultracode International Symbology Standard](#), was released by AIM. Ultracode was honored with a 2017 Award for Innovation by the [Label Industry Global Awards](#).

In August 2018, the AIM Board announced the creation of the [Clive Hohberger Technology Award](#) as part of AIM's annual industry award program. Named to honor Dr. Hohberger's contributions, it will recognize scientists, engineers, software developers or systems integrators for outstanding contributions that have furthered the growth of the industry through important applications and new technological developments. The first award recipient will be named in 2019.

"I can't think of anyone more deserving of this special recognition," said Dave Coons, Vice President of Software & Advanced Solutions for Zebra Technologies Corporation and fellow AIM Board member. "Clive truly built a lasting legacy within our industry and at Zebra, where his contributions continue to amplify our value proposition to customers every day. His selfless dedication to the advancement of standards and science within the AIDC industry have enabled enterprises to improve efficiency, reduce waste and save lives."

Congratulations Clive!!



Inside AIM Industry Groups

The [Technical Symbology Committee](#) (TSC) has announced a new public review.

The review is for Application Identifier (8009) with Sensor Descriptor attribute 01. This application identifier is used in conjunction with colorimetric temperature threshold label sensors. These are often (but not exclusively) used in safety monitoring of fresh foods, frozen foods, and healthcare items.

GS1 and AIM agreed to collaborate on the creation of variable-length generic AI (8009) OPTICALLY READABLE SENSOR INDICATOR for all types of sensors used together with GS1 barcodes.

The Ad Hoc AIM Committee created by this agreement defines AI data structures. AIM will then act as an external AI Registrar for users of the AI.

** Note: all Sensor AI specifications are public domain & royalty-free for use. **

Download the public review document [here](#).

Deadline for comments is December 6, 2018. To register your comments, complete the [AIM Comment Form](#) and return by [email to AIM](#) before the deadline.

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.

Featured Events

- **Smart City Expo** | November 26-27
Dubai, United Arab Emirates
- **ALL4PACK** | November 26-29
Paris, France
- **AI Expo North America** | November 28-29
Santa Clara, California
- **Pharmaceutical Traceability** | November 28-30
Philadelphia, Pennsylvania
- **Vehicle Intelligence Conference** | December 3-5
Frankfurt, Germany
- **Intelligent Automation Week** | December 3-6
Austin, Texas
- **Internet of Manufacturing** | December 4-5
Dallas, Texas
- **RAIN Alliance Member Meeting** | December 4-6
Xiamen, China
- **RFID in Aerospace & Defense** | December 11-12
Arlington, Virginia

SEE ALL EVENTS HERE

Welcome New Member!



Nonprofit | Charlotte, North Carolina | Patrick Davison - Delegate | www.mhi.org

MHI, incorporated in 1945, is the nation's largest material handling, logistics and supply chain association, offering education, networking and solution sourcing for members, their customers and the industry as a whole through programming and events.

In 1948, MHI created the National Material Handling Show which was later named ProMat and grew into MHI's signature event. In the early years of MHI, sections or groups were formed from within the membership or through affiliation within MHI to better represent specific producing sectors. By the late 1980s, the association took steps to evolve, including a move from Pittsburgh, Pennsylvania to Charlotte, North Carolina.

MHI is the TAG to ISO/TC 122, TC51 and TC104. It is an ANSI-accredited standards developer for standards relevant to the AIDC and material handling industries.

Due to the shrinking dimensions of a global economy where sourcing knows no walls or barriers, MHI expanded its focus in 2012 by introducing MODEX, an expo to integrate with the larger, overall supply chain. Currently, MODEX is hosted in Atlanta, Georgia in even years with ProMat hosted in Chicago, Illinois during odd years.

Show Your Support as an AIM 2018 Year in Review Sponsor

AIM 2018 | Year in Review is underway with an updated focus and new look! The 2018 publication will be a member-focused, web-based document that can be accessed by members and nonmembers alike while promoting the best of AIM and its impact on the global AIDC community. In addition, the Year in Review will highlight leading organizations that support AIM and its work through their underwriting support.

Corporate sponsors for the 2018 YIR will have four options, each with increasing visibility, information and access to the sponsor's organization.

2018 AIM Year in Review Sponsor Opportunities	Contributor	Executive	Champion	Ambassador
	\$250	\$500	\$750	\$1,000
Display company logo	X	X	X	X
Live hyperlink to company website		X	X	X
Company description with logo (50 word)			X	X
Featured (30 day) spotlight on AIM website				X

* Sponsor opportunities open to AIM member & industry partner companies. **Deadline is November 30, 2018!**

* AIM reserves the right to limit options based on publication space available.

Click here to become an AIM Year in Review corporate sponsor today!

*** Upon payment confirmation, AIM will contact each sponsor to obtain required logo & company information.***

Remember, this is an opportunity to showcase your organization, but most importantly your financial support is an investment in AIM's efforts to remain positioned as a valuable and viable resource within the world marketplace

The deadline for inclusion in this year's publication is **Friday, November 30, 2018**. For questions or more information, contact AIM Headquarters via [email](mailto:info@aim.org) or phone +1.724.742.4470.

Members Only | Event Discounts

Don't miss out on exclusive AIM Member discounts for these upcoming industry events. Sign in to the [Members Only section](#) on AIM's website to get your special discount code and review all the discounts AIM has to offer members!

- [AI Expo North America](#) | November 28-29 | Santa Clara, California | **20% off registration**
- [Intelligent Automation Week Austin](#) | December 3-6 | Austin, Texas | **20% off registration**
- [RFID in Aerospace & Defense](#) | December 11-12 | Arlington, Virginia | **15% off registration**

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!

AIM is the trusted worldwide industry association for the automatic identification industry. For nearly half a century, AIM has provided unbiased information, educational resources and standards to providers and users of these technologies.

AIM membership provides access to an insider's perspective on trends and opportunities along with a voice in shaping the growth and future of the industry. AIM member benefits include education, advocacy and community, as well as a role in creating industry standards through collaboration.

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www.aimglobal.org
info@aimglobal.org