EDUCATION

COMMUNITY

STANDARDS

ADVOCACY

aim

Advancing
Identification
Matters

Year in Review

> "AIM's greatest challenges have become our greatest opportunities…bringing a global perspective to help transfer expertise from one region to another. By looking higher, we see what can be done to advance our industry, stay relevant and make things better for stakeholders worldwide."

Chuck Evanhoe
Chair | AIM, Inc.

Board of Directors | 2018

Chuck Evanhoe | Chairman
President & CEO
Aware Innovations, a div. of
Evanhoe & Associates, Inc.

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Technical Fellow
Safety & Productivity Solutions
Honeywell Technologies

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Sales & Business Development
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Lyngsoe Systems Ltd.

John Greaves
Strategist
RFID, IoT & Blockchain
Lowry Solutions

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NXP Semiconductors

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Schneider Marking GmbH
Chapter Representative – Europe,
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Finance | Administration
Chapter Relations | Member Services

Cynthia Troup
Communications | Marketing

Michael Allen
Social Media | e-Learning
Member Engagement | Committees

Resources | View or download items by visiting the AIM Store online.

Industry Publications
- RFID Portals Whitepaper
- Last Mile Delivery with RFID Whitepaper
- AIDC's Involvement in IoT Processes Visualization
- IoT and AIDC Infographic
- Track & Trace Return on Investment Whitepaper

Technical Specifications
- Application Identifier (8009) with Sensor Descriptor Attribute 01
- Extended Channel Interpretations (Revision)

AIM Webinar Series
- IoT Meet and Greet
- Track & Trace Meet and Greet
- How RFID Technology Can Keep Your Lone Workers Safe
- Economics of Track and Trace
- Utilizing Direct Part Marking for UDI Compliance
- JAB-Code Is Not Just Another Barcode
- AIDC Value in an IoT World
- Understanding the AIM-GS1 Collaboration on Sensor AI (8009)

News Publications
- AIM Alerts
- AIM Insider
- AIM Matters

Social Media Channels

Hear & Know Podcast Series
- Security in the IoT
- AIM Blockchain Council Overview
- Discover Why SC31 AIDC Techniques Committee is Industry Critical
- Lone Worker Safety
- International AIDC Business
- The Latest with Thermal Labels
- Advancing Healthcare Through Supply Chain Excellence
- Finding the ROI in Serialized Supply Chain Data Systems
- How AIM is Prepared for Industry Challenges & the Future
- Using AIDC Technologies to Streamline Automotive Industry Processes

Liaison Relationships
- CEN/TC 225 | European Committee for Standardization - AIDC Technologies
- NFC Forum | Near Field Communication development, application & solutions
- MHI MH10 | Unit-Loads and Transport-Packages
- ISO/PC 308 | Standardization in the field of Chain of Custody for products
- ISO/TC 122 | Packaging
- ISO/TC 104 | Freight Containers
- ISO/IEC JTC 1/SC31 | Automatic identification & data capture techniques
- ISO/IEC JTC 1/SC 41 | Internet of Things & related technologies
- ETSI | European Telecommunications Standards Institute

> "AIM has created a strong community of experienced business and technology leaders to help influence and shape the current Auto-ID industry by offering resources to learn, support and make a difference in the global marketplace. Having the ability to attend events hosted by AIM that are informative and help to build personal & professional networks has been a most rewarding experience."
>
> Debangana (Debs) Mukherjee | Director of Business Development & Sales
> CISC Semiconductor

In 2018, AIM partnered with NFC Forum and RAIN RFID Alliance to host Connections Summit. The event, held at Google Java Corners in Sunnyvale, California, was attended by over 500 industry professionals, representing 23 countries. Keynotes Antony Passemard, Head of Production Management at Google Cloud and Raghu Das, Chief Executive Officer for IDTechEx, led the speaker sessions, which included more than 30 industry, technology and innovation experts. Additionally, AIM Industry Groups held sessions to advance their respective projects and goals. With a focus on making connections, daily activities included multiple networking sessions along with a special ceremony to present the 2018 AIM and AIM North America Awards.

Ambassador*

Aware Innovations — Intelligent Tracking - Powerful Results

We give you the power and visibility to make intelligent decisions through improved process, supply chain and asset visibility solutions by enabling automated data collection, analysis and notification using all existing and emerging AIDC technologies; giving you the flexibility and knowledge needed to make informed business decisions with an intuitive interface with a "mobile first" design.

BlueStar — Your Solutions Distributor

BlueStar is the leading global distributor of solutions-based Digital Identification, Mobility, Point-of-Sale, RFID, Digital Signage, Networking and Security technology. They offer In-a-Box Solutions, combining hardware, software, accessories and services into one easy-to-deploy bundle. They bring unequaled expertise to their market, award-winning technical support and an authorized service center for manufacturers.

Infratab — Answering "Is it fresh?"

Infratab is the worldwide leader in condition-intelligent RFID sensor solutions for managing perishables and items with measurable wear-and-tear. Infratab's Freshtime solutions, consisting of RF RAIN-NFC sensor tags, mobile and desktop (blockchain-ready) data apps with user-customizable dashboards, cloud services and powerful Freshtime Points analytics, add "how is it?" to GS1 "what, where, and why" tracking.

matrixIT — MEDICAL TRACKING SYSTEMS, INC.

Matrix IT is a healthcare information technology company leading the industry in providing real-time medical UDI documentation and tracking solutions through its patented technology platform Tractus. Matrix IT provides the only comprehensive solution that can safely and securely capture and share the UDI from all types of AIDC means employed in the operating room.

OMRON MICROSCAN

Omron Automation is an industrial automation partner that creates, sells and services fully integrated automation solutions that include sensing, control, safety, vision, motion and robotics. With the 2017 Microscan acquisition, a company known for its high-performance barcode reading, verification and machine vision solutions, Omron now has an unmatched traceability portfolio.

SICK — Sensor Intelligence.

SICK manufactures intelligent sensors for industrial automation and is recognized as the premier supplier of automatic identification solutions for material handling and supply chain operations. Its image, RFID and laser-based solutions maximize tracking efficiency and are backed by world-class support that ensures professional project oversight, commissioning and service.

ZEBRA

Zebra empowers those on the front line in retail, healthcare, transportation and logistics, manufacturing and other industries to achieve a performance edge that translates to delighted customers, good patient outcomes and superior business results. Our products, software, services, analytics and solutions are used to intelligently connect your people, assets and data.

* Discover more about these AIM sponsors & industry leaders by clicking on the company logo.

Champion*

AVERY DENNISON

Avery Dennison RBIS provides end-to-end solutions for some of the most exciting brands, prominent retailers and manufacturers in the food, apparel and footwear industry. With over 800 patents and applications worldwide relating to RFID technology, Avery Dennison is the go-to partner for Intelligent Labeling solutions.

NOVEXX SOLUTIONS

NOVEXX Solutions stands for excellent products and individual integrated solutions when it comes to industrial labeling and identification. With more than 50 years' experience, NOVEXX Solutions combines international know-how with the uncomplicated flexibility of a medium-sized company. NOVEXX Solutions' product and service portfolio comprises hardware and software solutions, high-quality consumables and a competent on-site service.

COGNEX

Cognex Corporation designs, develops and manufactures advanced barcode readers and verifiers as well as machine vision sensors and systems that are used in factories, warehouses and distribution centers to guide, gauge, inspect, identify and assure the quality of items during the manufacturing and distribution process.

ZIIOT

ZIIOT is a non-governmental nonprofit research service institution, mainly engaged in: two-dimensional code issuing service to global users, two-dimensional code key technology research and development, standards formulation, S&T achievements transformation, major governmental S&T research projects related to 2D code and organizing international cooperation and exchanges.

Executive*

APPLIED IMAGE Inc. www.appliedimage.com — IEEE RFID 2019 — Innovatum — scansource pos and barcode — VISTA IT SYSTEMS

Contributor

ACURA — axicon VERIFIERS — CISC TESTING RFID + NFC — CYBRA — Honeywell — intel — Laxcen

Lyngsoe Systems elevating logistics — UNIVERSAL RFID BY METALCRAFT — PIPS Product Identification & Processing Systems, Inc. — BarTender BY SEAGULL SCIENTIFIC — TRARO — TROI — voyantic

Discover more about these AIM sponsors & industry leaders by clicking on the company logo.

Industry Groups

AIM Industry Groups provide members with an insider's perspective and access to information, resources, and key players within the industries associated with automatic identification and data capture, RFID, the Internet of Things (IoT), and standards.

Technical Symbology Committee (TSC)
Ray Vaughan, Omron Microscan | 2018 Chair

Members of the Technical Symbology Committee actively work to ensure that complete technical specifications, standards, guidelines and technical reports are available to the market. Many of these symbologies, originally designed and published as AIM specifications, provide a basis for future international standardization of the technology.

2018 Highlights

- Published, in collaboration with GS1, AI (8009) Optically Readable Sensor Indicator; a specification that identifies indicators for all types of sensors used together with GS1 barcodes. This publication is often (but not exclusively) used in safety monitoring of fresh foods, frozen foods, and healthcare items.

- Developed comments to the ISO/IEC JTC 1/SC 31/WG1 JAB Code project team for review. JAB Code (Just-Another-Bar-Code) is a potential high-capacity 2D color bar code, which can encode more data than traditional black/white (QR) codes.

- Continued the update of the DotCode International Symbology Standard. DotCode is a public domain optical data carrier designed to be reliably readable when printed by high-speed inkjet or laser dot technologies.

- Updated version of the AIM Technical Specification on Extended Channel Interpretations (ECI) to reflect new character sets and code pages. The ECI standard specifies the protocol for extending the interpretative capabilities of basic 7-bit, 8-bit, multi-byte and 16-bit codes when the data is encoded in data carriers.

Track and Trace (T&T)
Peter Lambert, HAL Systems | 2018 Chair

The Track and Trace Industry Group is dedicated to educate and promote the adoption of automatic identification strategies designed to support global compliance of regulations related to product traceability across all vertical markets.

2018 Highlights

- Produced the Introduction to Track and Trace webinar discussing the foundations of track and trace technologies.

- Hosted expert panels at industry events on smart packaging, integrating AIDC in a connected world, and traceability regulations.

- Published Track and Trace Return on Investment Whitepaper, which explains how the cost to implement a T&T system can often be more than offset when it is done as a part of a business process reengineering.

- Developing a high-level demonstration for food policy makers and other interested influencers to exhibit AIDC effectiveness in food traceability.

RFID Experts Group (REG)

Kevin Berisso, University of Memphis | 2018 Chair

The RFID Experts Group serves the industry by addressing standards and issues associated with the growth and demand of radio frequency identification (RFID) across all vertical markets such as retail, healthcare, distribution, transportation, logistics and supply chain.

2018 Highlights

- Published the whitepaper RFID Portal Implementation. This whitepaper guides the reader through the thought processes of implementing a portal system by world-class systems integrators who have been involved in hundreds of these jobs.

- Published the whitepaper Last Mile Delivery | How RFID Maximizes Last Mile Delivery Infrastructure. This document explains how RFID is the enabling technology that carries a company over the last mile helping maximize an organization's existing infrastructure.

- The REG Healthcare Initiative's (HCI) is updating the FDA recognized Medical Electrical & System Electromagnetic Immunity Test for the Exposure to RFID Readers AIM standard.

- Initiated work by the REG HCI on a new standard on active implantable medical device electromagnetic immunity test for exposure to RFID readers.

- Concurrent with work being done by ISO (specifically ISO/TC23/SC19/WG3), an update to the current AIM technical document, RFID for Food Animal Identification, has been initiated. This effort is in response to ongoing mandates related to the transport of food and animals.

> " By making connections within the global community of AIDC experts and innovators, AIM has enabled new partnerships, technological advancements and growth for our company. Additionally, I've been afforded a great opportunity to form collegial relationships with industry thought leaders — to know & work with the people who impact industry and business worldwide."
>
> **Elizabeth Sinclair | Senior Manager of Marketing**
> **BarTender® by Seagull Scientific**

> " A key benefit of membership is the ability to participate in AIM Industry Groups. AIM members are professional and respectful of each other's opinions, whether newcomer or lifetime contributor. The value is not only engaging with or learning from AIDC experts with many years of experience, but having a personal role influencing AIM efforts to educate and lead industry standards as new technologies emerge."
>
> **Ray Vaughan | Solutions Engineering Manager**
> **Omron Microscan**

Internet of Things (IoT)

Jeanne Duckett, Avery Dennison | 2018 Chair

AIM's IoT Industry Group provides members with a forum to better understand and help shape the rapidly changing landscape of the interconnected world of products, services and information.

2018 Highlights

- Published an AIDC Enables IoT overview document to illustrate the important role AIDC plays in this community.

- Updated AIM's Introduction to IoT in an AIDC World presentation on IoT to reflect the rapidly developing landscape of this technology.

- Created a workgroup for IoT Smart Cities. The group will help educate and watch the trends going on with cities becoming smart by using automatic identification and data capture technologies.

- Created the AIM Blockchain Council (ABC). The group will investigate the opportunities and challenges in utilizing blockchain applications with AIDC technologies, such as IoT and RFID, to improve the traceability, reliability and security of information.

RAIN RFID Alliance (RAIN)

Steve Halliday | President

RAIN UHF RFID is a wireless technology that connects billions of everyday items to the internet, enabling businesses and consumers to identify, locate, authenticate and engage each item. The RAIN RFID Alliance is a global organization promoting the universal adoption of RAIN technology solutions across many different vertical markets.

2018 Highlights

- Grew the Alliance to over 160 members worldwide in 2018, with a variety of companies and organizations using RAIN RFID in many industries.

- Hosted face-to-face meetings in Europe (Vienna, Austria), Americas (Mountain View, California) and Asia (Xiamen, China). The meetings include an "open" day for any interested party to attend. The open day presentations include end-users discussing how they use RAIN technology to address their needs.

- Served as co-host, along with AIM and NFC Forum, for Connections Summit 2018, sponsored by Google at their office in Sunnyvale, California.

- Addressed multiple projects through RAIN workgroups that included -- Aviation | Developers | Healthcare | Internet of Things | Retail | Smart Manufacturing | Smart Product & Packaging | RAIN Technology

- Promoted RAIN technology and the members at multiple trade shows around the world – Aviation, Healthcare, IoT, Logistics, Packaging, RFID, Retail, etc.

- Provided extensive social media activity using Twitter, LinkedIn and enhanced the RAIN website.

Standards & Compliance

Standards remain critical in today's world. Without proper development, implementation or compliance they can impact the success or failure of a new technology, product or business and affect consumer safety. As a leader in AIDC industry standards, AIM works with ISO (International Organization for Standardization) and ANSI (American National Standards Institute) to develop, revise and educate both companies and users to ensure compliance in the global marketplace.

ADC1 Technical Advisory Group (TAG)
Chuck Evanhoe, Evanhoe & Associates | 2018 Chair

AIM acts as the administrator of the U.S. Technical Advisory Group (TAG) to the International Organization for Standardization (ISO) Sub Committee SC 31. The TAG (ADC1) serves as the U.S. representative within ISO/IEC JTC 1/SC31 for all work on standardization in automatic identification and data capture. Members of ADC1 represent companies with technical knowledge in AIDC who work together providing input during the process of standardization to ensure both U.S. involvement and consensus on standards.

2018 Highlights

- Review and response to work on all standards related to:
    - Data carriers (TG1)
    - Data & structure (TG2)
    - Radio & communications (TG4)
    - Application of AIDC standards (TG8)

- Hosted 2018 International ISO/IEC JTC 1/SC31 Plenary Meeting in Chicago, Illinois

> "The strength and importance of AIM lies in the fact that all members speak with one voice within the industry or to regulatory bodies -- an effort proven especially successful related to the adoption of frequency regulations in Europe."
>
> Ralf Kodritsch | Director & Segment Manager
> RAIN RFID Solutions, Secure Transactions & Identification
> NXP Semiconductors Austria GmbH

Registration Authority (RA)
In addition to its role as a U.S. TAG administrator, AIM also acts as the international Registration Authority (RA) for several ISO standards, including ISO/IEC 15459 Information Technology – Unique Identification. This standard saw increased interest as the result of new European Union regulations passed in 2018 that require all tobacco products to carry a unique identifier. As the RA for ISO/IEC 15459, AIM is responsible for the approval of applications from organizations requesting Issuing Agency Codes that are guaranteed to be unique and compliant with all aspects of the standard.

2018 Highlights

- Enhanced operating procedures for approval of Issuing Agency Codes (IAC) for ISO/IEC 15459 to ensure uniqueness of each code issued.

- Reviewed and released Issuing Agency Codes to all entities approved for ISO/IEC 15459.

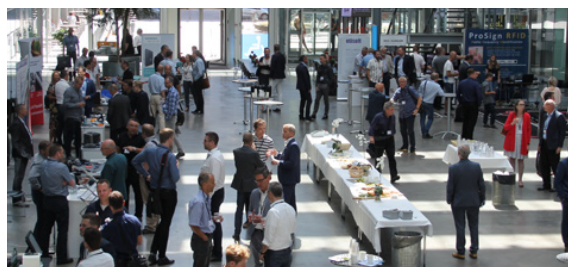- Worked on approval for status as Registration Authority for additional ISO standards.

Chapters

AIM Denmark

Throughout 2018, AIM Denmark played a key role in major industry events. In April, the chapter hosted an RFID Update Seminar for members and guests.

AIM Denmark was again co-organizing the annual RFID/IoT Conference in Copenhagen June 2018, the largest RFID conference in the Nordic countries. More than 160 were in attendance for this event, featuring RAIN's President (Steve Halliday) as keynote speaker and AIM Denmark's Chairman (Keld Ole Nielsen) and General Secretary (Henrik Granau) as hosts and speakers.

In November, AIM Denmark co-organized an open seminar on 'Data Capture and Artificial Intelligence'. Another highlight of the year was again the Serialization of Pharmaceuticals Forum, developed by the chapter. The forum included four meetings led by AIM Denmark members and associates representing pharmaceutical manufacturers, advisors, consultants and technology providers.

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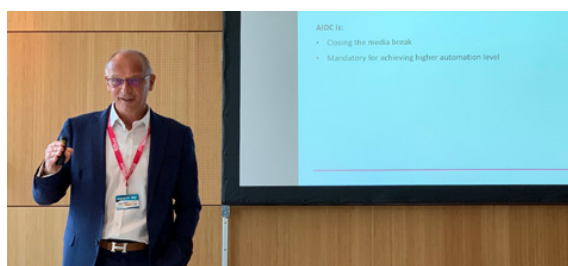DK 3500 Vaerloese
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AIM Europe

Based on the engagement of the RFID Stakeholder Community (AIM Europe, AIM Germany, AIM Inc., RAIN RFID Alliance and GS1), the European Commission (EC) voted mid-July in Brussels, Belgium, in favor of the efficient use of spectrum in the bands 870-876 AND 915-921 MHZ. Referred to as "Squeeze Option," this action is considered a great success for the RFID industry – both suppliers and users.

Delegates from AIM Europe, as an ETSI & CEN member, actively participated in European Standardization meetings throughout the year to develop standards and harmonize the use of AIDC technologies.

AIM Europe responded to the European Commission's call for experts to consult and support the EC within the range of radio equipment, covering a wide variety of RFID technologies. It will be critical for AIM Europe to be part of this experts group to support a smooth development and growth of our markets and applications and to avoid the development of regulations and terms that needlessly obstruct the use of technologies.

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AIM China

Luo Fangping, Secretary of the Party Committee of the China Goods Coding Center and Zhang Xu, a Senior Engineer in the Technical Research Department of the Coding Center, attended Connections Summit 2018 held in Sunnyvale, California, during March. During the annual meeting hosted by AIM, Inc., the AIM China team delivered a presentation on the "Chinese Voice" to the international community.

On June 28, with the support of Shandong Provincial Bureau of Quality & Technical Supervision and Shandong Institute of Standardization, AIM China, together with Rizhao Federation of Industry and Commerce, organized "Label Connecting China." Nearly 150 participated in the event, including the Rizhao City Quality & Technical Supervision Bureau along with related industry associations and chambers of commerce. Secretary Luo Fangping was a featured speaker and the event received a positive response from participants as well as the international news media.

In August, AIM China joined with the People's Government of Buyi and Miao Autonomous Prefecture in Southwest Guizhou Province, along with support from the Guizhou Provincial Bureau of Quality & Technical Supervision and Guizhou Provincial Institute of Standardization on another event focused on "label linking enterprises and counties in China-Internet small and medium sized enterprises barcode application promotion public welfare activities." Guizhou Provincial Bureau of Quality & Technical Supervision, related trade associations and chambers of commerce participated with over 200 others, representing science & technology, enterprises and teachers of the Xingyi Normal College. Popular topics included the case of GS1 standard service product traceability and the intelligent city construction solution. Highlights of the event included a special interview with Secretary Luo Fangping, broadcast by the Guizhou TV news channel and a strategic cooperation agreement signed with the designated state government for the adoption of GS1 standards.

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AIM Germany

Created in joint development with AIM members in The Netherlands, the Track & Trace Theatre (T&TT) remains AIM Germany's strongest asset. For more than 10 years at industry events like LogiMAT, the T&TT provides a scenario of processes in the areas of logistics and supply chain as well as material flow and production. It is unrivalled in its ability to showcase the numerous applications of AutoID systems such as barcode, 2D code, RFID and NFC extended by RTLS (Real-time Locating Systems) and industrial sensors. In 2018, T&TT reflected the fundamental value of these enabling technologies for the growth of the Internet of Things, Industry 4.0 and the Digitalization of the Value Chain.

In anticipation of markets using digitalization as a tool for sustainability (IoT / IIoT / Industry 4.0), AIM Germany established two new working groups this summer: RFID & Sensor Systems and AutoID & Security.

During AIM Germany's bi-annual plenary meeting in February, members elected the new board.

In September, AIM Germany served as an AIDC partner for FachPack 2018, a fair on packaging machines, technologies and materials held in Nürnberg, Germany.

AIM Germany partnered with the RAIN RFID Alliance and the OPC Foundation for RFID Tomorrow & Wireless IoT International Conference & Exhibition held in October. More than 800 guests met in Darmstadt, Germany for the annual event, organized by the publication *RFID im Blick*.

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Peter Altes – Managing Director
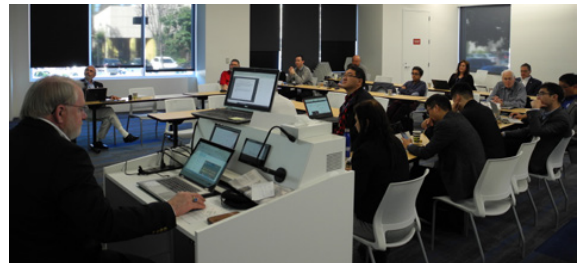Gabi Walk – Office Manager
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AIM North America

With the goal of broadening the scope of membership, AIM North America elected four new board members with diverse experience and collaborative leadership skills.

AIM NA's primary industry group is the Public Policy Committee, comprised of experts actively working to educate on the importance of AIDC technology in all markets. Specifically, these efforts are aimed at assisting users to become fully compliant with the FDA track and trace regulations in food safety, drug supply chain and medical device manufacturing.

The Healthcare Work Group submitted comments to the International Medical Device Regulators Forum (IMDRF) regarding their proposed UDI Guidance Documents. In addition, the Food Traceability Work Group is developing a video, infographic and live demo depicting food traceability in the supply chain.

During 2018, experts from AIM NA led presentations at industry events including MODEX, LabelExpo Americas, PACK EXPO, UDI Conference, RFID Journal LIVE! and VARTECH, as well as via webinars. Topics included: The World of AIDC – What's Next, Understanding Smart Packaging in a Connected World, Basics of Data Capture Technologies, Blockchain Technology in Supply Chain Traceability Systems, Integrating AIDC in the Connected World and Direct Part Marking for UDI Compliance.

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AIM Russia

Over the course of 2018, AIM Russia has been very active in the area of AIDC standardization, providing Secretariat to Russian National and CIS Technical Committees on AIDC Techniques, as well as representing Russian National Standards Body in ISO/IEC JTC1/SC 31 and ISO TC122/WG12. On October 11, it hosted the 10th Meeting of CIS Technical Committee 517 "Automatic Identification and Data Capture Techniques" at the GS1 Russia/AIM Russia office, attended by representatives from Armenia, Belarus, Kazakhstan, Kyrgyzstan, Russia and Turkmenistan. As of November, nine national and CIS standards were approved (covering bar code symbologies, data structures, RTLS, RFID in libraries and DPM with fluorescence composition and marking quality control) and official translations of 11 standards were registered with the Russian National Standards Body.

AIM Russia, in close cooperation with GS1 Russia, continues to provide expert support to national projects on the use of AIDC technologies (UHF RFID, DataMatrix) for the identification of various categories of goods to ensure traceability and optimize business processes in the logistics supply chain. As of 2018, these categories include fur products, apparel, footwear and pharmaceuticals, with the scope expected to extend soon to cover tobacco, perfumery, jewelry, photo cameras, tires and certain types of textiles.

As part of its user education program, AIM Russia experts participated in a workshop organized by an AIM Russia member company on October 5, covering business opportunities for AIDC companies regarding the current national identification projects.

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aimawards

Every day AIM members and partners make unique contributions to the industry and world marketplace that positively impact business and consumers alike. Annually, AIM recognizes those individuals and organizations which not only promote the advancement of automatic identification, but demonstrate significant contributions to enhanced and new technologies. In 2018, the recipients were honored at AIM events in Sunnyvale, California, Stuttgart, Germany and Orlando, Florida. Meet the Class of 2018 winners…

Richard Dilling Award
2018 Recipient | John Hill
Director | St. Onge Company

Given in recognition of lifetime achievements which have furthered industry growth through significant applications and new technological developments, the Dilling Award is considered the highest honor given in the AIDC industry. Mr. Hill has been a tireless contributor to the field of barcoding and AIDC for more than five decades. He led or supported over 100 successful systems installations in AIDC, warehouse management and transportation management, primarily for Fortune 500 companies. Mr. Hill's commitment to the industry led him to co-found AIM. In addition, he held the position of President for both the Material Handling Institute and the Material Handling Education Foundation, as well as being a charter member of AIDC 100.

Ted Williams Award
2018 Recipient | Vyasa Sai, PhD
Research & Development | Intel

Presented to a professor or student in recognition of innovative and exceptional contributions to the development of AIDC that furthers industry growth through their work as a teacher, researcher or entrepreneur. Dr. Sai holds multiple degrees in Electrical & Computer Engineering and received his PhD from the RFID Center of Excellence at the University of Pittsburgh where he was mentored by the late Marlin H. Mickle. His research explores passive node capabilities with respect to affordable power consumption to suit target applications, in order to enable more than just basic identification, with contributions that have provided improved energy efficiency and security in passive wireless systems for RFID and IoT applications. Dr. Sai is a published author and editor who holds several U.S. patents.

Bert Moore Excellence in Journalism Award
2018 Recipient | William Fisher
Institute of Food Technologists (Retired)

The Moore Award recognizes a member of the media whose work exemplifies the qualities of honest, educational and unbiased reporting in the automatic identification and data capture industry. Throughout his career, William Fisher focused on the packaged foods, food service and public health industry segments. Prior to his recent retirement from IFT, he was a tireless advocate for food traceability and the creator of the Global Food Traceability Center, serving as its first Executive Director. His background includes a history of success with the ability to build partnerships and alliances as well as significant achievements in brand integration, CRM program development and international market development.

Don Percival Award
2018 Recipient | Stanton Kaye
President & Founder | Infratab

The Percival Award honors an individual or organization for outstanding contributions to the application of AIDC technologies in the user community. Mr. Kaye has been active for over thirty years in the field of freshness monitoring and holds four patents in perishable shelf life, using crystal and gel chemical diffusion and controlled electronic corrosion to emulate a perishable s spoilage characteristics. Prior to founding Infratab, he was Vice President of Marketing/International at Quarterdeck and is credited with taking a system utility and turning it into the highest volume retail software product next to Windows.

Allan Gilligan Award
2018 Recipient | Zenoway – Zeno Track GmbH

The Allan Gilligan Award is given to a member of the industry who has made outstanding contributions to the development of automatic identification and data capture (AIDC) applications in materials handling and logistics in the supply chain. With its ZENOWAY brand, Zeno Track GmbH, located in Vienna, Austria, has been successful in specializing in the development of driver assistance systems for manually operated forklifts for the past nine years. Based on real-time localization in inside and outside areas and combined with smart sensors, the ZENOWAY software-product portfolio offers a multitude of functions that help optimize intralogistics.

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aimCase Study COMPETITION

Now in its sixth year, AIM's Case Study Competition honors leading organizations within the global AIDC community that are contributing to the faster adoption of new and innovative technologies, as well as to engage international industry collaboration while sharing success stories around applications commercially available in the marketplace today. To learn more, click on the company logo.

NiceLabel

AIDC Winner | NiceLabel
Siemens Standardizes Labeling Across Global Factories

HID

IoT Winner | HID Global
Iconic Manhattan Skyscraper Streamlines Fire Protection Inspection & Repair

tyco Retail Solutions

RFID Winner | Tyco Retail Solutions
The Magic of Macy's: Leveraging RFID for Pick to the Last Unit Omni-Channel Fulfillment

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