# annual report

building the foundation
& future of the IoT

2021

csa connectivity standards alliance

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# Growing Our Numbers, Broadening Our Relevance

## Letter from Bruno Vulcano, Chair of the Board

Strong standards and industry organizations are the direct results of the people who volunteer their time from their “day job” to make a difference and ensure the work is relevant and innovative. That, coupled with a strong in-house team of professionals, creates a unique situation where the sum of the parts greatly outweighs the progress of a single company. I’m very fortunate to be chairing a Board with such resources at our disposal. I want to thank my fellow Board members, Alliance member companies, and the Alliance team for their contributions to a highly successful year.

In 2021, we saw 44 percent growth in total membership.

As we look at the Alliance’s strength in numbers, a phenomenal data point includes the 44 percent growth we have seen in total membership in the past year. This growth validates our direction and the momentum we are experiencing in the IoT ecosystem. A closer look at those numbers includes a 36 percent growth in our Participant and Promoter members – the companies contributing the most in terms of requirements and specification development, Working Group participants and, the capital we need to achieve our goals.

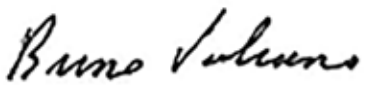
As we look to celebrate our 20th year as an organization, we can point to 63 companies that have been members for ten years or more. With the advent of the Matter Working Group in 2019, 220 members have joined to participate in those efforts alone. In 2021 the Matter specification was approved by members as feature complete, software development continued, and we conducted seven test events for Matter. Our latest event of the year proved to be the largest in Alliance history with more than 130 devices and 190 participants from 50 companies. In fact, as we shifted to virtual certifications as a result of the pandemic, we completed 95 percent of the certifications from 2020, a record year for the Alliance.

Zigbee, our longest-standing standard and one on the cusp of its 23rd iteration, experienced tremendous success last year with the launch of Zigbee Direct and the Zigbee Unified Test Harness. With solutions like Smart Energy and Green Power, Zigbee contributes to a more sustainable, energy-efficient world. We now have over four thousand certified platforms and products with more than one billion chipsets sold.

Our Data Model Working Group continued to progress Dotdot, the Alliance data model which forms the foundation of both Zigbee and Matter device support. Not only did this group contribute the current device cluster models to Matter, but they are also working in partnership with all Working Groups to add new device types and attributes to its growing library.

Finally, 2021 heralded the introduction of the Access Control Working Group. Today, smart access control solutions for homes and buildings are fragmented with proprietary solutions that lack the consistent user experience and cross-platform interoperability needed for easier credential management, simpler controls, and expanded adoption. This new Working Group aims to address fragmentation by creating an interoperability standard and application layer for door locks, readers, mobile devices, and related services for smart homes and buildings.

I’ll end my message similar to how I began. It’s the organization’s global collective that has us growing rapidly, achieving more universal significance and making a positive difference in interconnecting technology to enhance the human experience. Once again, my many thanks to the Alliance members, their associates, and the staff team for making our vision a reality.



# Strength in Numbers

## Letter from Tobin Richardson, President and CEO

I'm pleased to share the Connectivity Standards Alliance's first annual report highlighting the great work of our community and the industry-changing initiatives we're bringing to the market.

Last year we adopted a single new identity, the Connectivity Standards Alliance, which reflects our growing impact on the world and technology for the Internet of Things. The new moniker is a nod to the organization's growth and our ability to tackle more of the barriers to openness, global access, and interoperability. These changes have included award-winning branding and a new website that sets our organization and membership apart, raising the bar on our efforts to create a professional, educational and collaborative forum where every single member has a voice.

We have witnessed growth in membership around the world, with more than 450 member organizations.

We continue to evolve as a truly global standards body and industry organization. We have witnessed growth in membership around the world, with more than 450 member organizations, effectively including an even representation across each of the major regions, Europe, the Middle East, and Africa (EMEA), Asia Pacific/Japan/China (AJP+GC) and the Americas.

The Board of Directors agreed to Board-level governance changes that will allow for greater scalability and growth given the needs of our members and the market. In addition, I am pleased to share that they welcomed two new Promoter companies and Board members, Infineon and Oppo, to the table this year. Topping the list of our community highlights is the successful introduction of the Matter brand and identity for our newest IP-based standard, the catalyst for an interoperable IoT for decades to come. The springtime launch was followed by a highly successful fall industry analyst tour validating the importance of those moves and hit a crescendo with an outstanding Consumer Electronics Show where Matter was singled out as a media highlight in the tech zeitgeist.

In 2021, the Alliance was recognized by the World Economic Forum and invited to be a member of the Board for the Council on the Connected World. As a member we'll focus on education, increasing collaboration, and interoperability across enterprises, standards organizations, policymakers, and advocacy groups. This recognition and industry support comes as we celebrate the number 20, marking the 20th year of the Alliance's existence. We plan to celebrate, continue to innovate, and set the stage for the next two decades.

Finally, I'll end with the number of 140 million. That's the average distance in miles between Earth and Mars. It's significant because, in March of 2021, NASA began using the Alliance's Zigbee technology to communicate between its rover and an aerial drone. So, not only are we making this world more open and interoperable, but we've begun the journey to other planets. Proving once again, that you can't contain the good work of many who come together for the benefit of everyone.

# About Us

## Vision and Mission

Our mission is to ignite creativity and collaboration in the Internet of Things, by creating, evolving, and promoting universal open standards that enable all objects to securely connect and interact. We believe these connected devices and experiences can enhance our day-to-day lives, and together we create the standards, tools, and platforms which make this possible.


# Our Values Inform Our Actions

### Facilitation

Guiding the IoT and our industry forward

### Collaboration

Enabling unprecedented engagement within our community

### Competitive Edge

Fostering an environment that helps members thrive

### Concrete Action

Developing standards which improve the state of the IoT today

### Influence

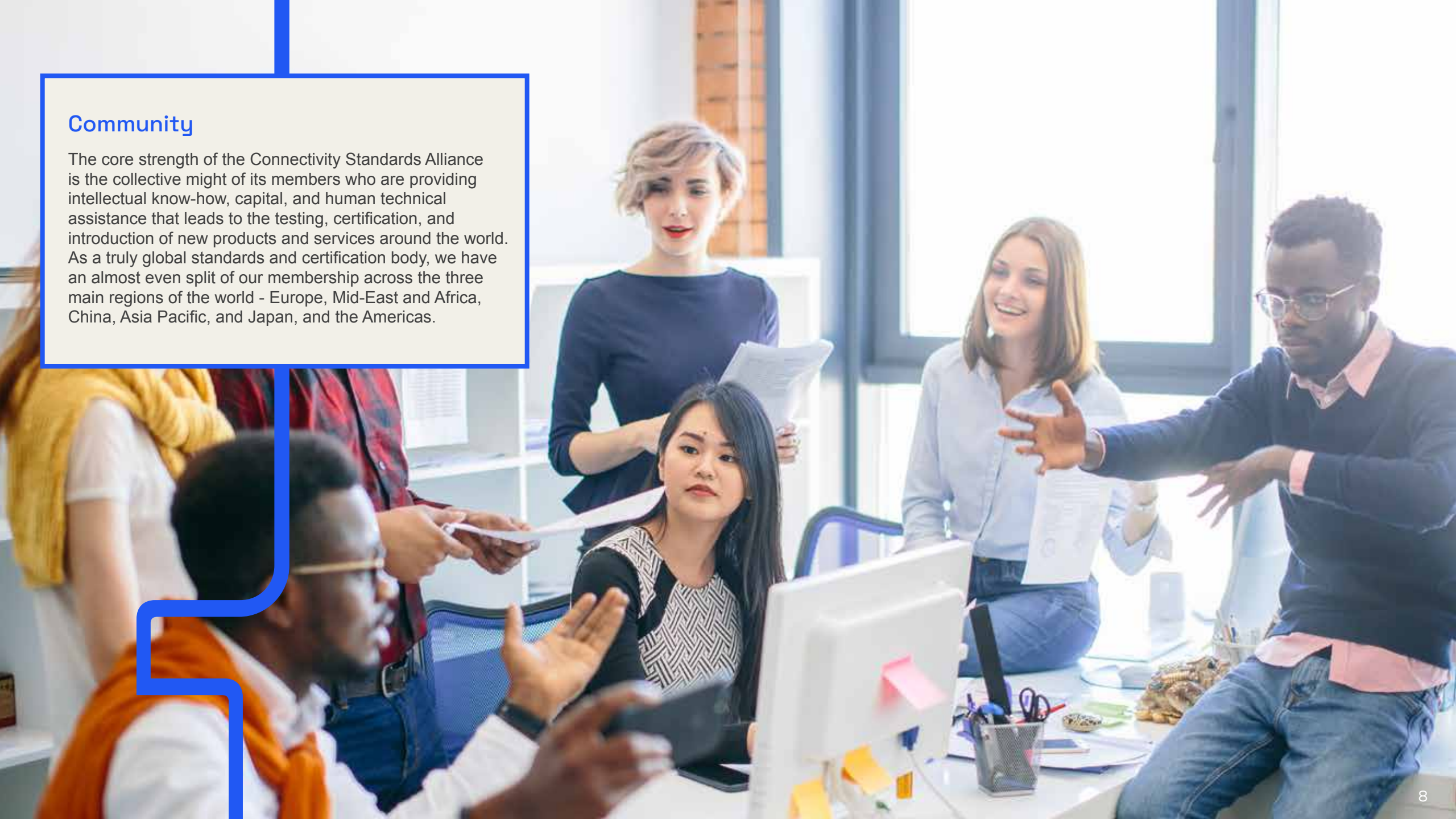
Helping to shape the future of the IoT around the world

### Trust

Building a more responsible, ethical, secure & sustainable IoT together

## Community

The core strength of the Connectivity Standards Alliance is the collective might of its members who are providing intellectual know-how, capital, and human technical assistance that leads to the testing, certification, and introduction of new products and services around the world. As a truly global standards and certification body, we have an almost even split of our membership across the three main regions of the world - Europe, Mid-East and Africa, China, Asia Pacific, and Japan, and the Americas.



## Growth & Global Reach

We finished 2021 with 119 new member companies - about 50% were European companies, with the balance relatively evenly split between the Americas and China/APJ. Of these new members, nearly 60% joined at the Participant level, ready to step up and contribute to the development of global open standards.

**433** Member Companies

**38%** YoY Member Growth

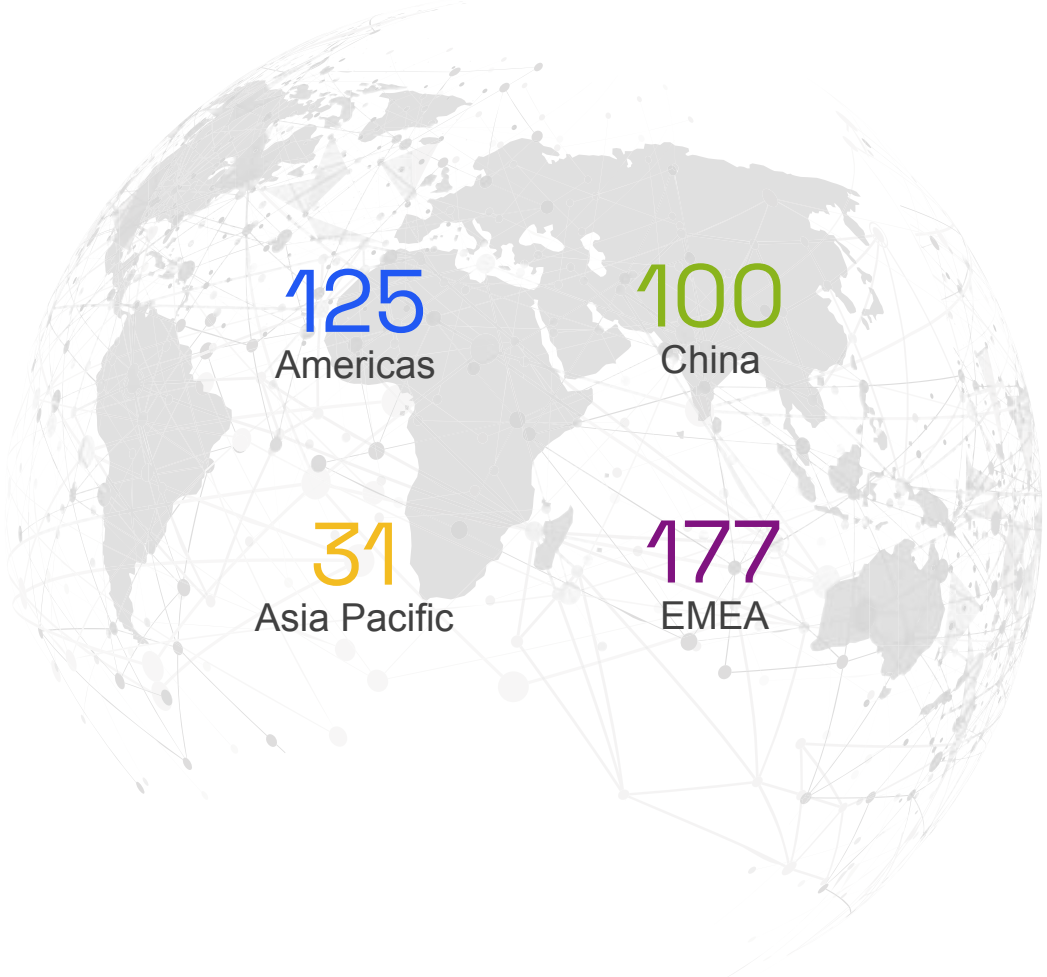
**119** New Member Companies

- **50%** European
- **50%** Americas and China/APJ

## Industry Stakeholder Groups

**Retail** | **Silicon** | **Ecosystems** | **Manufacturers**

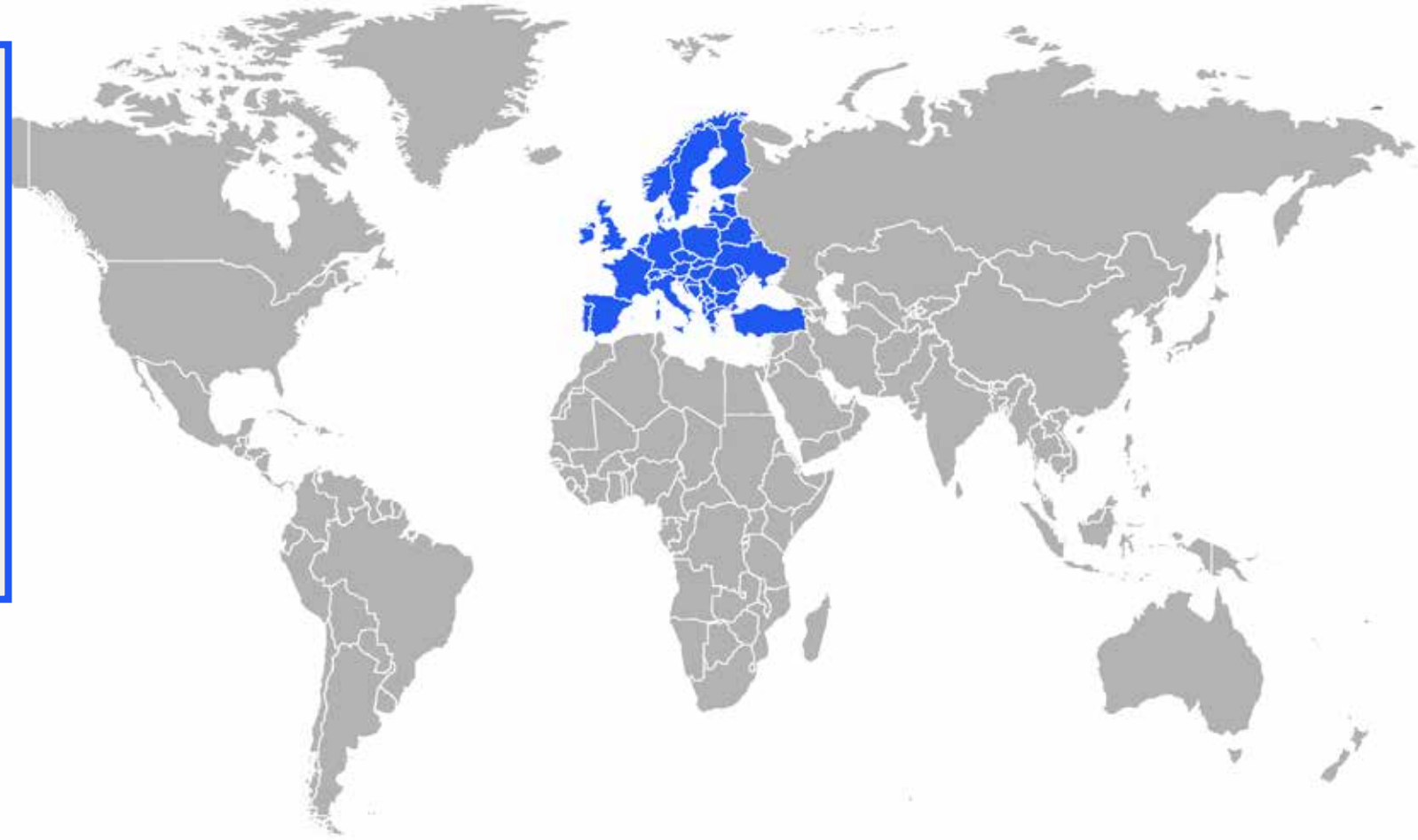
## Member Company Representation by Geography



## Europe Interest Group (EUIG)

Established in 2020, the EUIG serves to connect members who share an interest or investment in the European market. EUIG members provide valuable inputs and perspectives to the Alliance Board and Working Groups, keeping a finger on the pulse of unique European market needs and regulations.

Membership has doubled since its inception, as the Group has the EUIG provided a forum for regular updates to European members across Alliance technology, marketing, and certification efforts to allow our members an opportunity to collaborate on adoption and promotion of Alliance standards Europe-wide.



78 members

140 individuals

20 countries

## Connectivity Standards Alliance Member Group China (CMGC)

The CMGC celebrated its sixth anniversary in 2021, with a focus on promoting Alliance technologies and certification in the Greater China market. Through its Council and Associate members, CMGC focuses on various marketing activities including trade show participation, public forums, training on Alliance technologies, and social media engagement.

Over the last year, our China members were able to engage with their developer community, hosting in-person training sessions and member meetings. The group continued its investment in the developer community, sponsoring an Undergraduate IoT contest at Sichuan/Xi'An University.

The CMGC also expanded efforts establishing a Technical Interest Group to provide inputs and feedback to the Alliance to capture, consider, and address unique-to-China technology and regulatory needs.

## 21 Members

**12** Council Members

**9** Associate Members

## Outbound Marketing

**5** Training Courses

**4** Speaking Engagements

**3** Tradeshow Forums

**2** Member Meetings

**1** China Undergraduate IoT Sponsorship

**71** Articles Published

## Making an Impact

As part of our mission to make broader societal impacts, we made strides in 2021 in four distinct areas: increased global engagement, industry peer partnerships, diversity, equity, inclusion, and belonging (DEIB), and public affairs.

We were invited by the World Economic Forum to become a board member on their Council on the Connected World. The position allows the Alliance to contribute to a workstream for enhancing global collaboration on IoT and influencing industry policy around the world.

Working in concert with our peers, we strengthened the industry's ability to deliver on the promise of interoperability and consumer value. We worked with DALI to bridge embedded solutions to Zigbee, forwarded our deep relationships with the Wi-Fi Alliance and Thread Group as part of Matter development, continued our marketing collaboration with IP-BLiS for commercial markets and opened up new relationships, like with NFC Forum, exploring new use cases for their proximal technology.

The Alliance, with the support of members involved in DEIB initiatives at their own companies, embarked on its journey, working together to understand inputs and map out a plan for initial DEIB work. In 2021, the team completed and issued an Inclusive Language Guide. This guide, available to all our members, provides direction on the use of inclusive language to create a positive and inclusive environment and bring healthy, diverse views from all lived experiences.

Finally, in 2021, the Board approved the creation of a Public Affairs Committee, focused on education and open dialog with key influencers and policy makers in areas of interest for the industry and our members. Our work is guided by our belief in the power of advocacy for all stakeholders – industry and consumer alike - and of promoting global, open standards for the IoT.


# Our Work

# zigbee

The Zigbee Working Group is responsible for the development and maintenance of Zigbee, the full-stack solution for smart devices and commercial infrastructure communication. In the 20 years of Zigbee's history, the Working Group has progressed to the 23rd version of the full stack and is developing new features improving interoperability, security, and automation.

To support the ongoing development across the Zigbee platform, the Working Group includes several Balloting Groups, such as Energy, Green Power, Zigbee Direct, and the Zigbee core groups. Each group's members focus on various aspects and use cases for Zigbee-based standards. In 2021, the technology continued to evolve with the announcement of new features including Zigbee Direct, a new Zigbee Sub-GHz solution, and collaboration with the DALI Alliance.

With another near-record year of Zigbee certifications, it is clear the market for Zigbee technology and solutions is healthy and growing.

Leslie Mulder

Zigbee Steering Committee Chair

**180+**

Member Organizations

**1300+**

Individual Members

## Certification & Testing

Zigbee Unified Test Harness (ZUTH) and PICS Tool launched for members

**31**

Test Events

**4000+**

Zigbee Certified Devices

## Outbound Marketing

**10**

Blog Articles

# matter

The Matter Working Group is responsible for developing and delivering the new universal IP-based standard Matter. The group has taken an open-source approach to the development and implementation of this new, unified connectivity protocol - creating a standard that is immediately useful and usable for companies adopting Matter.

The Working Group is composed of three sub-groups including Technical, Certifications and Marketing & Product. These teams are bringing together the specification, an open-source SDK, test tools, a certification program, and brand awareness, ensuring that Matter has a rapid, transformative impact on the market.

Progression in 2021 was phenomenal. The Working Group added nearly 50 new member companies since brand launch, ending the year with over 220 member companies invested in driving specification and software development. After seven test events with over 130 devices under test at year's end, the stage is set for Matter to take the world by storm in 2022.

## Chris Decenzo

Matter Steering Committee Chair

**230+**
Member Organizations

**2300+**
Individual Members

## Certification

Largest test event in Alliance history

**53**
Companies

**134**
Devices

## Brand

Matter Brand Lauch:

**110**
Total Articles

Estimated reach of
**710 Million**

## Technical

**Tech Spec 0.7**
issued to members

**7**
Test Events

TIME Best Inventions of 2021
**Special Mention**

CES Innovation
**Award Honoree**

# Access Control

The Access Control Working Group launched in 2021 and is responsible for creating a unified, smart-access control solution for devices across markets, including the smart home, industrial, institutional, and hospitality. This group's focus is creating a solution that integrates with the Alliance's existing standards. By year's end, participation in the Working Group surpassed 80 member organizations. As our newest Working Group, members focused on framing market needs and defining key use cases for Access Control, which will be the launchpad for technical development work in the coming year.

## Lisa Corte

Access Control Steering Committee Chair

**80+**

Member Organizations

**500+**

Individual Members

Launched Working Group and held elections for Steering Committee and SubGroups

Began drafting Market Requirements Document (MRD)

# Data Model

The Data Model Working Group is responsible for the development and maintenance of the Alliance's Data Model - our library of device types, attributes, and interaction models. Key activities included the creation of a Common Data Model Playbook, including rules and guidelines for updating the data model, merge points, and other key model facets. The Working Group comprises more than 170 member companies and more than 1100 individuals.

## Cam Williams

Data Model Steering Committee Chair

**170+**

Member Organizations

**1100+**

Individual Members

Elected Steering Committee Chair and established Technical Sub-Group and Energy Balloting Group

## Certification and Testing

Seventy percent of our global member companies spanning the entire IoT value chain are actively involved in the Connectivity Standards Alliance's certification and testing programs. The Certification and Testing team is responsible for leading Working Group test events for specifications in development, supporting specification validation events, facilitating the certification of members' products and platforms, and delivering test tools to our members. This past year was an active one, with over 38 test events conducted across our Working Groups and certifications on pace to 95% of the 2020 run rate. The Alliance also released the Zigbee Unified Test Harness (ZUTH), facilitating the certification process even further by allowing our members to efficiently execute pre-certification testing and create test custom cases.

### 38 Test Events

**31** Zigbee

**7** Matter

### 514 Certifications

**69** Certification Transfer Program

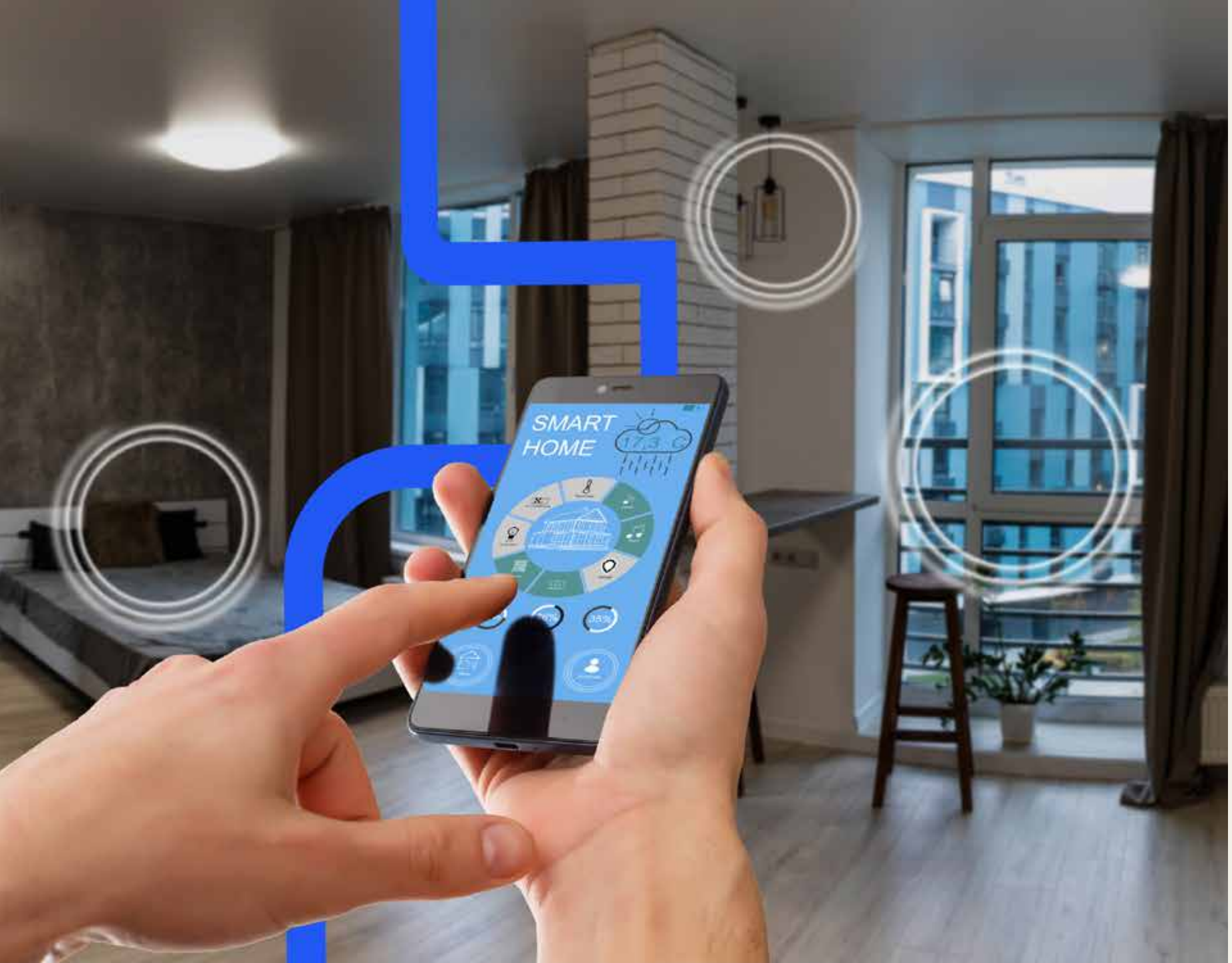

### Zigbee Unified Test Harness (ZUTH)

**329** Licenses

**86** Users

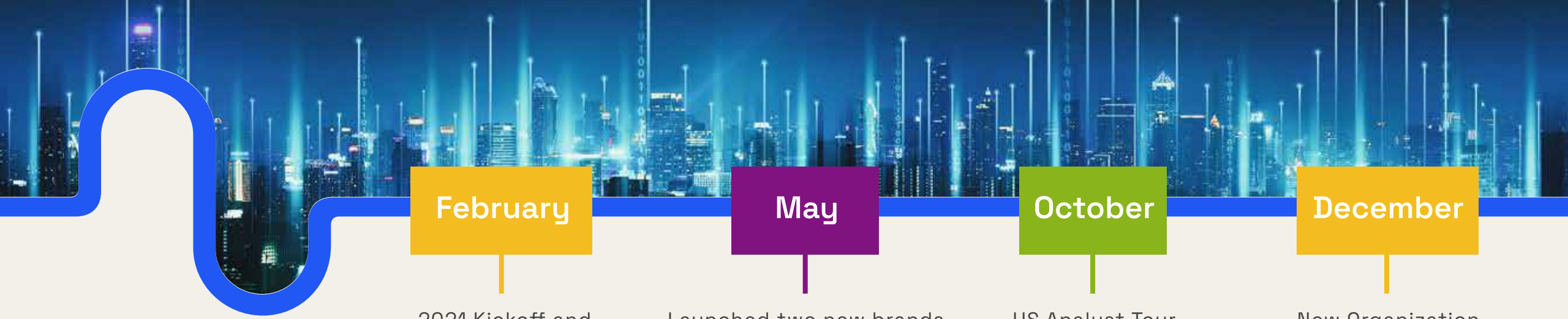
**183** Activations

**4,000+** Zigbee Certified products and compliant platforms




## Marketing

Alliance marketing efforts seek to demonstrate our collective leadership in shaping the future of IoT and to expand our global reach and influence. We focus on promoting our technology to the media and influencers, highlighting members' successes, and improving and expanding available assets for world-class storytelling and thought leadership to support our members and drive growth in the market. Our 2021 efforts were dominated by the launch of two new brands, sharing the progression of our standards development efforts and amplifying member news and success. With new investment in public relations and in social media, we were able to increase our reach, connecting with new analysts, outlets and followers around the world.



**February**

2021 Kickoff and Virtual Member Meeting

**May**

Launched two new brands, Connectivity Standards Alliance and Matter

**October**

US Analyst Tour

**December**

New Organization Website

## Outbound Marketing & Public Relations

**17**
Blogs Published

**3**
Newsletters Distributed

**3**
New Branded Websites

**5**
Videos Produced

**441**
Articles

**$27.3M**
Estimated Ad Value

## Events

### 30+ Global Events

**8**
North America

**11**
European Union

**12**
China

**3**
Virtual Member Summits

## Social

### 33.5K followers on social media

**12,580**

**13,800**

**7,200**

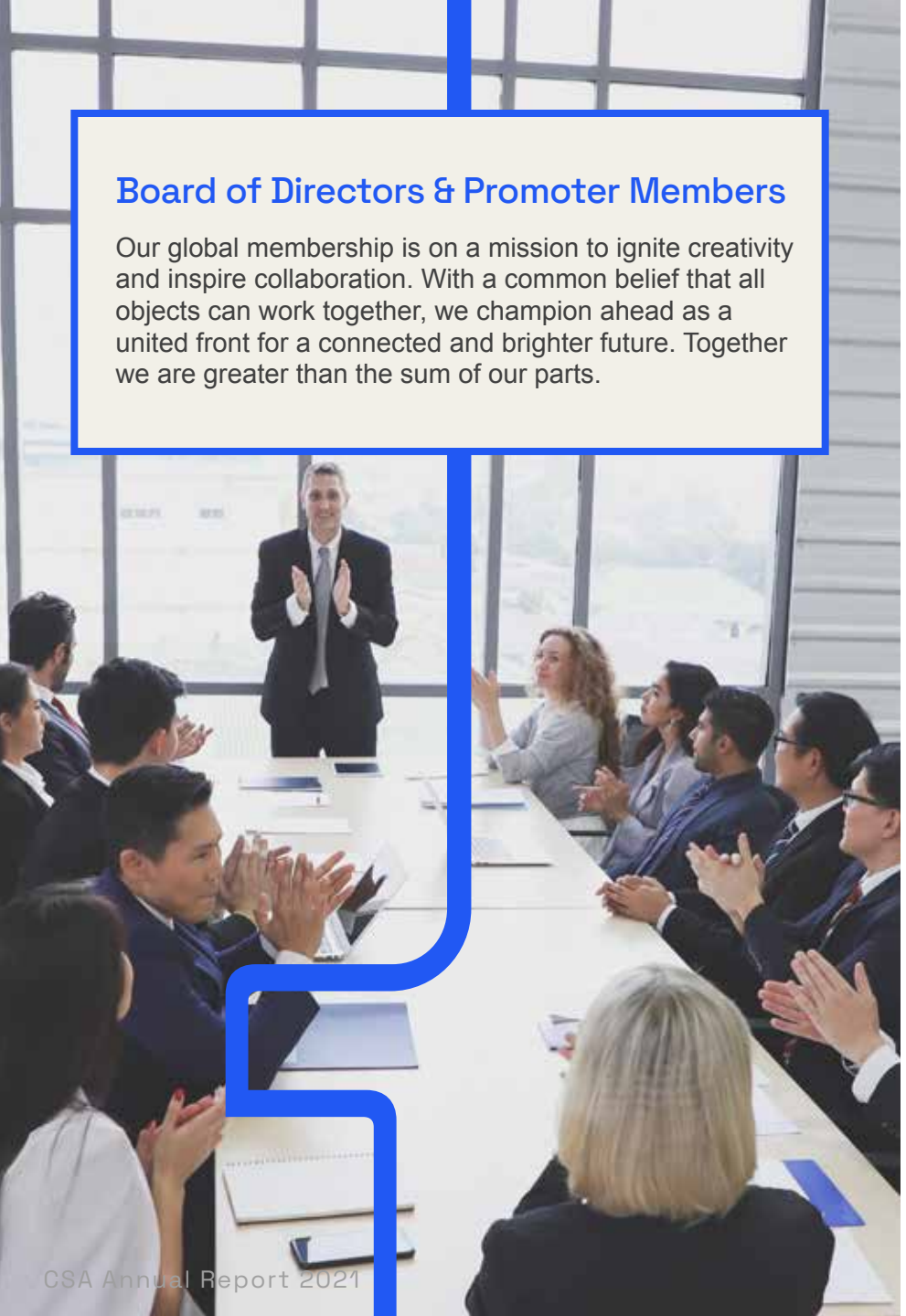
## Recognition & Awards

3 Red Dot Awards for Brands & Communication Design

TIME Best Inventions of 2021 Special Mention

CES Innovation Award Honoree

# Our Members



## Board of Directors & Promoter Members

Our global membership is on a mission to ignite creativity and inspire collaboration. With a common belief that all objects can work together, we champion ahead as a united front for a connected and brighter future. Together we are greater than the sum of our parts.

## 2021 Board Directors and Elected Roles

Each Promoter member appoints an Alliance Board Director, with elections held each year for Board Leadership and Board Committee roles. The 2021 Board Directors and Board Committee leaders were:

**Bruno Vulcano**
Chair of the Board
**Legrand Group**

**Tobin Richardson**
Alliance President and CEO
**Connectivity Standards Alliance**

**John E. Osborne II**
Chair Emeritus | **LEEDARSON**

**Jean-Michel Orsat**
Treasurer | Chair, Strategy Committee
**Somfy Group**

**Chris Daniels**
Secretary | **The Kroger Family**

**Rob Alexander**
Vice Chair | **Silicon Labs**

**Bożena Erdmann**
Vice Chair | Chair, Test & Certification Oversight Committee | **Signify**

**Makarand Joshi**
Vice Chair | Chair, Marketing Committee
**Schneider Electric**

**David Kaufman**
Vice Chair | **Resideo Technologies Inc.**

**Sujata Neidig**
Vice Chair | **NXP Semiconductors**

**Kevin Po**
Vice Chair | **Google**

**Juston Zhu**
Vice Chair | **Wulian**

**Skip Ashton**
**Infineon**

**Ulf Axelsson**
**IKEA of Sweden AB**

**Chris DeCenzo**
**Amazon**

**Andreas Gal**
**Apple**

**Pekka Hakkarainen**
**Lutron Electronics**

**Suyash Jain**
**Texas Instruments**

**Jim Kitchen**
**Comcast**

**Kevin Kraus**
**ASSA ABLOY**

**Daniel Orsatti**
**STMicroelectronics**

**Wesley Rhodes**
**The Kroger Co.**

**Mark Tekippe**
**Samsung SmartThings**

**Ruinan Sun**
**Huawei**

**Alex Yang**
**Tuya**

**Neil Yang**
**OPPO**

**Samantha Fein***
**Samsung SmartThings**

**Natalie Vallespin***
**STMicroelectronics**

* These directors served on the Board in 2021 before new directors were seated

# Participant Members

Aclara
ADEO Services
ADT LLC
Afero, Inc.
Alarm.com
Allion Labs, Inc.
Arlo Technologies
ARM
Arris
Atmosic
AXIS Communications
Ayla Networks
Becker-Antriebe
BEGA
Beken
BELIMO Holding, AG
Belkin International, Inc.
BOE Technology Group Co., Ltd
Bouffalo Lab
Bright AI
Brinks Home Security
BRK Brands, Inc.
Buffalo, Inc.
Bureau Veritas
Busch-Jaeger Elektro GmbH
CA Engineering
CableLabs
CAME
Centrica Hive US
Chameleon Technology (UK) Ltd
Charter Communications, Inc.
China Electronics Standardization Institute (CESI)
Computime International Limited
coway
Crestron Electronics, Inc.
Current Lighting Solutions
Cypress Semiconductor
D-Link Corporation
Danfoss
Datek AS
DEKRA
Delta Dore
Delta Electronics Inc.
Deutsche Telekom AG
Develco Products A/S
DigiCert, Inc.
DigitalSTROM
dormakaba Holding AG
DSP Group Inc.
DSR Corporation
Dt&C Co. Ltd.
Duke Energy Corporation
Dyson, Inc.
E-Surfing Smart Home Technology Co., Ltd
Easee
Eaton
ecobee
EDF
EDMI, Ltd.
EGLO Leuchten GmbH
Element Materials Technology
Elster Solutions
Eltako GmbH
Emerson Electric Co.
EnOcean GmbH
Espressif Systems (Shanghai) Co., Ltd.
Essence Group
Eurofins Digital Testing NV
Eve Systems
Exegin Technologies, Ltd.
Ezlo Innovation LLC
Facebook
Flic
Fortune Brands Global Plumbing Group LLC
Futurehome AS
Futurewei Technologies
GARDENA
GEWISS S.p.A.
Grandcentrix GmbH
Granite River Labs
Green Energy Options
GROUPE ATLANTIC
Grundfos Holding A/S
Guangzhou Elite Education & Technology Co., Ltd.
Hager Controls SAS
Haier Technology Co. Ltd
Hangzhou Sky-Lighting Co., Ltd.
HDC I-Controls
Heiman Technology Co., Ltd.
Honor Device Co., Ltd
HYUGJ Technology (Shenzhen)
IMHOTEP CREATION
In Home Displays Ltd.
innovation matters iot GmbH
Inspur Software Technology Co., Ltd.
Insta GmbH
iRobot Corporation
Itron, Inc.
Jasco Products Company
JiangXi Innotech Technology Co., Ltd
Johnson Controls Inc.
Julius Blum GmbH
Kee Tat Mfg (Kwong Ming Electrical)
Kirale Technologies SL
KT Corp.
Kwikset
Landis+Gyr
Latch Inc.
Ledvance GmbH
Lennox International Inc.
Level Home, Inc.
Leviton Manufacturing Company
LG Electronics
LIFX
Logitech
Lumi United Technology Co., Ltd.
Mastercard
MediaTek Inc.
Microchip Technology Inc.
Midea Air-Conditioning Equipment Co., Ltd.
Miele & Cie. KG
Mill International
Mitsubishi Electric Corporation
Mitsubishi Electric US, Inc.
MMB Networks
Morse Micro
mui Lab Inc.
Murata Manufacturing Co., Ltd.
Nanoleaf
National Technical Systems (NTS)
NGSTB Company Limited
Niko nv
Ningbo Sunpu Led Co., Ltd.
Ningbo Suntech Lighting Technology Co., Ltd.
NodOn
Nordic Semiconductor ASA
Nortek Control
Optus
Orange SA
Origin Wireless, Inc.
Orvibo Technology Co., Ltd. (Shenzhen)
Osram GmbH
OTODO SAS
Panasonic Corporation
PANKORE
Perspecta Labs
Piaro, Inc.
Plume Design
POLYNHOME
Powerley
Procter & Gamble
PROFALUX
Proxy Inc
Qorvo Utrecht B.V.
Qualcomm Technologies Inc.
RADEMACHER Geraete-Elektonik GmbH
Realtek Semiconductor Corp.
Remotec Technology Ltd.
Robert Bosch GmbH
Roca Sanitario SA
Roku
Sagemcom Broadband SAS
Salto Systems S.L.
Samjin Co. Ltd.
Samsung Electronics Co., Ltd.
Savant Technologies LLC
Schlage
Secure Meters (UK) Ltd.
Semiconductor Components Industries, LLC
Sengled Co., Ltd.
SerComm Corporation
Shanghai MXCHIP Information Technology
Shenzhen Coolkit Technology Co., Ltd.
Siemens Industry Inc/Building Tech.
Siemens Switzerland Ltd.
SimpliSafe
Siterwell Electronics Co., Limited
Smart DCC Ltd.
Snap One LLC
Societte en Commandite Stello
Sonos Inc.
Spotify AB
Sunricher Technology Limited (Shenzhen)
Synaptics
System Level Solutions
TCL New Technology Company Limited (Shenzhen)
Technicolor Connected Home USA LLC
TeLink Micro LLC
Tesla
Toshiba Corporation
TP-LINK Corporation Limited
Trane Technologies
TUV Rheinland AG
Ubilogix
Ubisys Technologies GmbH
Ultimate IOT Technology Ltd. (Shanghai)
Underwriters Laboratories
Universal Electronics, Inc.
Velux Group
Viessmann Elektronik GmbH
Vimar SpA
Vivint Inc
Vivo Mobile Communication Co., Ltd.
Whirlpool Corporation
Wipro Limited
WS Audiology Denmaark A/S
Wyde Labs
WYZE Labs, Inc.
X-HEMISTRY Inc.
Xiaomi Communications Co., Ltd.
Xylem Inc.
Yandex LLC
Yeelight Information Technology Co., Ltd.
Z-Wave Europe GmbH
Zehnder Group International AG
Zuma Array Ltd.
Zumtobel Group AG
Zyax AB

# Adopter Members

Accenture Global Solutions Ltd.
Acer Inc.
Acuity Brands Lighting, Inc.
ADUROLIGHT
Aeotec Limited
Albrecht Jung GmbH & Co. KG
Alfred International Inc.
Amicus SK, s.r.o.
Astrel Group SRL
Autani LLC
AVM
Bang & Olufsen
Bankamp-Leuchten GmbH
Beijing Zhiguang Dinglian Technology Co., Ltd.
Bestechnic (Shanghai) Co., Ltd.
Braveridge Co. Ltd.
Brayden Automation Corporation
Briloner Leuchten GmbH & Co. KG
Cascoda Limited
Catapult Technologies
Checkit Europe Limited
China Security & Fire Iot Sensing Co., Ltd.
China Unicom Research Institute
Climax Technology Co., Ltd.
Connecte AS
Connected Response Limited
Copper Labs Inc.
Cox Communications
Critical Software SA
Crow Electronic Engineering Ltd.
Current Products Corp.
DANALOCK APS
Decelect
Dexatek Technology Ltd
DICEworld srl
Dnake (Xiamen) Intelligent Technology Co., Ltd.
Dresden Elektronik Ingenieurtechnik GmbH
E-Smart Home System Limited
Eaglerise Electric and Electronic (China) Co., Ltd.
Eneco (Quby B.V.)
Enel X
Eti Solid State Lighting (Zhuhai) Limited
EuControls
Fantem Technologies (Shenzhen) Co. Ltd.
Fell Technology AS
Ferguson Sp. Z.o.o.
Fibar Group A.S.
Fireangel Safety Technology Limited (Sprue Aegis)
Flonidan A/S
Focalcrest
Geberit International AG
Gemtek Technology Co., Ltd.
George Wilson Industries Limited
Gledopto Co., LTD
Guangzhou Vensi Intelligent Technology Co. Ltd.
Halemeier GmbH
Hama GmbH & Co. KG
Hangzhou Honyar Electrical Co.
Hangzhou Konke Information Technology Co., Ltd.
Hangzhou Roombanker Technology Co., Ltd.
HDL Automation Co., Ltd.
HELLA Sonnen- und Wetterschutztechnik GmbH
Hildebrand Technology Limited
Hisilicon Technologies CO., LTD
Home Control AS
HomeWizard BV
Hornbach Baumarkt AG
hyBee, Inc.
Inergy Systems LLC
Innr Lighting B.V.
Intermatic Incorporated
IOTGIZMO Corporation
ITZ Innovations- und Technologiezentrum GmbH
Kraken Technologies Ltd.
L&S Deutschland GmbH
Lexi Devices Inc.
Liberty Global Technology Services BV
Lidl Stiftung & Co. KG
Lightspeed Technologies
Lite-On Technology Corporation
LUMITECH Lighting Solution GmbH
Marantec Antriebs-und Steuerungstechnik GmbH & Co.KG
Mayflower
Mercator Pty. Ltd.
MeteRSit Srl
Mindtree Ltd.
Mueller-Licht International, Inc.
Muller Services
Nami
Nubert Electronic GmbH
NYCE Sensors, Inc.
Occhio GmbH
Ohsung Electronics
Oki Electric Industry Co., Ltd.
Onesti Products AS
Overkiz SAS
Paul Neuhaus Lighting Group GmbH
Paulmann Licht GmbH
Phoenix Systems
Phyplus Microelectronics Limited
Pietro Fiorentini Spa
Pressac Communications Ltd.
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Qingdao Hisense Smart Life Technology Co., Ltd.
Radisys India Pvt. Ltd.
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Raymarine U.K. Limited
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Riverbed Technology, Inc.
Ruwido Austria GmbH
Salt River Project AI&PD
Schwaiger GmbH
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Shanghai Shuncom Electronic Technology Co., Ltd.
Shenzhen FEIBIT Electronic Technology Co., Ltd.
Shenzhen iStar Smart Co. Ltd (Seastar)
Shenzhen Kaifa Technology (Chengdu) Co., Ltd.
Shenzhen SEI Technology Co. Ltd.
Shenzhen Skyworth Digital Technology Co., Ltd.
Shenzhen Sonoff Technologies Co., Ltd.
Shenzhen Topband Co., Ltd.
Sichuan Changhong Network Technologies Co., Ltd.
Siglis AG
Simon Electric (China), Co. Ltd.
Sinope Technologies Inc.
SLV GmbH
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Vision-Elec. Technology Co., Ltd.
Vodafone Group Services GmbH
Volansys LLC
WAGO Kontakttechnik GmbH & Co. KG
WAREMA Renkhoff SE
Watts Water Technologies
Waxman (LeaksSMART Inc.)
Wistron NeWeb Corporation
XAL GmbH
Xiamen Intretech, Inc.
Xiamen Yankon Energetic Lighting Co., Ltd.
Yokis
Zhejiang Moorgen Intelligent Technology Co., Ltd.
Zhejiang Rexense IoT Technology Co. Ltd.
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