building the foundation
& future of the IoT

annual report

2022

csa
connectivity
standards
alliance
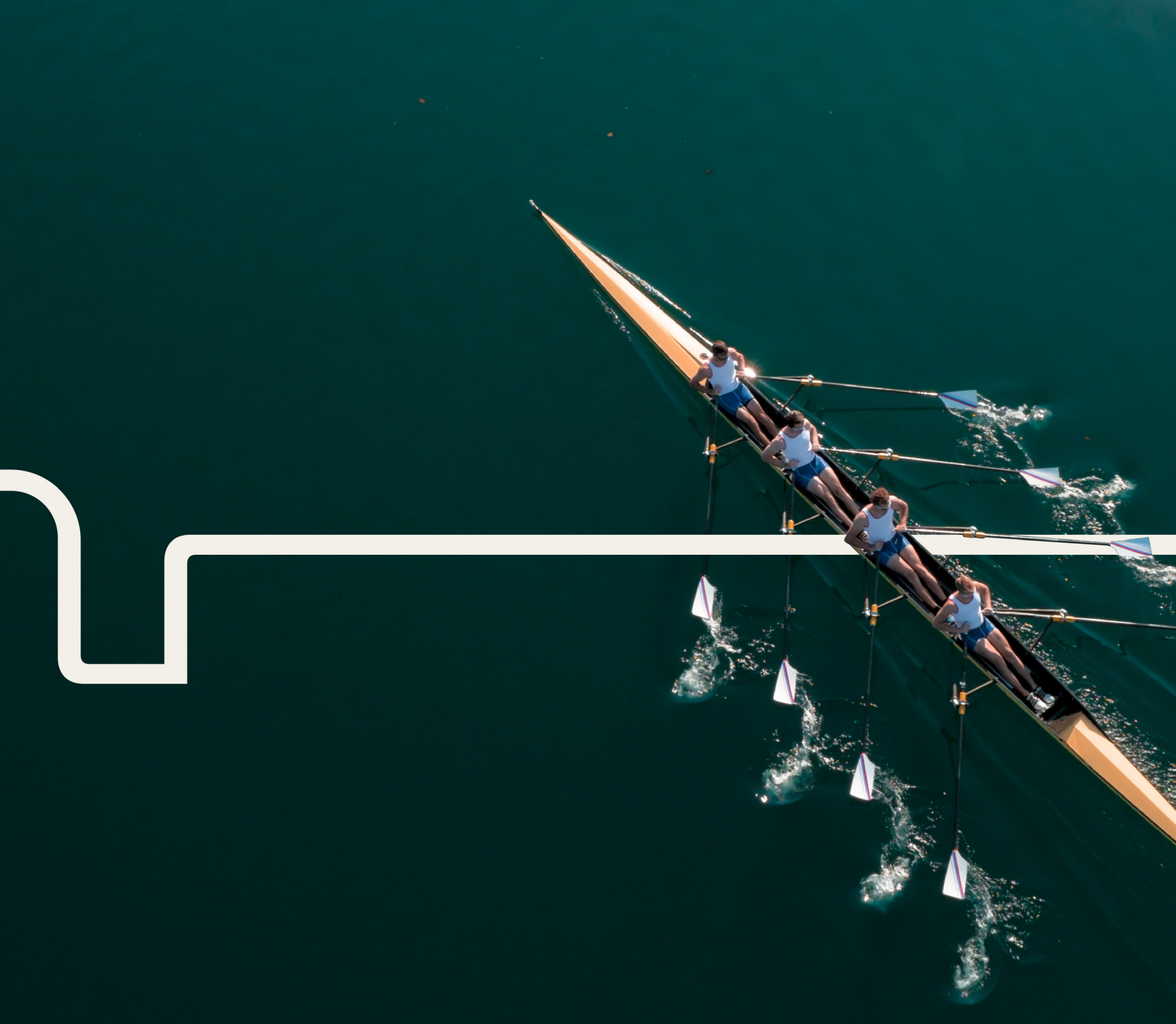
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Exploring Gratitude and Growth
Letter from Bruno Vulcano, Chair of the Board

In 2022, 354 new Zigbee Certified Products and Platforms and 573 Matter certifications were completed or in review, with hundreds more in the pipeline.

I want to start this message as your current Chairman Emeritus with a heartfelt thank you to the members of this Alliance for your dedication to creating a better IoT landscape for everyone. It's truly amazing what can be accomplished when companies and their employees give selflessly for a common cause. As we saw with the launch of the Matter certification standard and the subsequent response from the industry, you are making history.

I'm equally amazed at the ability of a focused and committed staff, to not only generate phenomenal results but doing so with attention to detail and with quality programs that are propelling us forward.

Our ability to certify new products for the marketplace only continues to grow with 2022 seeing us reach another important milestone of more than 5,000 certifications. In 2022, 354 new Zigbee Certified Products and Platforms and 573 Matter certifications were completed or in review, with hundreds more in the pipeline.

Membership at our highest level of Promoter also continues to grow impressively. In the past year alone, we saw global technology stalwarts like Haier, LATCH, LG, Midea, Nordic Semiconductor, and Samsung choosing to invest in the future of the Alliance as promoters and members of the Board of Directors. Equally important, our membership continues to be balanced among world geographies giving us a unique global perspective with an eye toward all markets – mature and evolving alike.

It has truly been a pleasure and an honor to serve as the Chairman of this organization. As I pass the gavel to Musa Unmehopa in 2023, I hope you will continue to support our efforts as you have done during my tenure. My volunteer role with the Alliance doesn't end with this change in leadership; I will be around and available to help in any way possible to help us reach our goals.

Thank you for the opportunity to serve and share my perspective. Let's make the next 20 years as meaningful as possible.

Bruno Vulcano

Delivering Momentum and Dimension
Letter from Tobin Richardson, President and CEO

Our momentum was not lost on the media, with three awards bestowed on Matter, including the Tom's Guide Innovator Award, Fast Company's Next Big Thing in Tech, and Popular Science's 100 Greatest Innovations in 2022.

Welcome to the 2022 Annual Report, our second effort to reflect on and share the progress we are collectively making and the impact we continue to deliver for the Internet of Things. After celebrating our 20th year as an organization, a tremendous achievement on its own, we grew the ranks of membership by nearly a third, with just under 600 members at year's end.

Our relevance to the IoT industry and global consumers only continues to grow and evolve. The release of the Matter 1.0 specification in October was highly anticipated and warmly welcomed by the industry. The eyes of the world were literally upon us as the initial announcement garnered 1.8B impressions, followed by the Matter launch event producing 2.8B impressions, and that momentum continued with another 4.1B impressions for Matter at CES in January.

Our momentum was not lost on the media, with three awards bestowed on Matter, including the Tom's Guide Innovator Award, Fast Company's Next Big Thing in Tech, and Popular Science's 100 Greatest Innovations in 2022.

Beyond Matter, we continued our global relevance with the launch of our Product Security Working Group in September. Through this work, we aim to help consumers build trust by strengthening areas of transparency, best practices, verification and deliver on the promise of a more connected, secure, and productive world.

In addition to celebrating the 18th anniversary of the first release of Zigbee, we followed with the release of the Zigbee Direct specification & certification program – further extending the value and utility of the technology with easier connectivity to billions of existing control devices.

After 20 years of expanding relevance, participation, and impact, I thought I'd close with a nod to our guiding principles as an organization that will continue to carry us forward. As a truly global non-profit organization dedicated to creating an Internet of Things that is fair and equitable to everyone, we will never forget what has brought us to this point. Our standards are and remain open to everyone. We will certify against those standards in a fair, professional, and respectful manner; and we will be advocates for all facets of the industry, especially consumers who depend on us to speak for them.

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 provide intellectual know-how, capital, and human technical assistance that leads to the testing, certification, and the introduction of new products and services around the world. As a truly global standards and certification body, our membership is almost evenly split across the three main regions of the world - Europe, Mid-East and Africa, China, Asia Pacific, Japan, and the Americas.
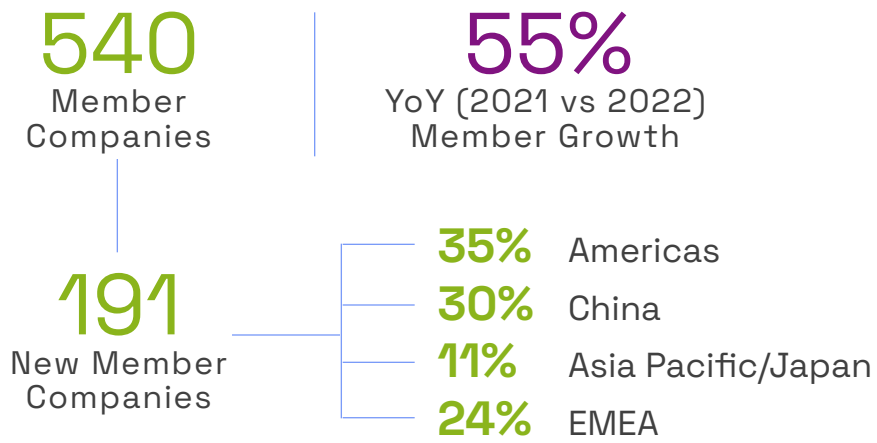
Growth & Global Reach

We finished 2022 with nearly 200 new member companies, with 24% being European companies and the balance relatively split between the Americas and China/Asia Pacific/ Japan. Our year-over-year growth came in at an impressive 55%, exhibiting an exciting momentum of things to come for 2023.

Member Company Representation by Geography

540
Member Companies

55%
YoY (2021 vs 2022) Member Growth

191
New Member Companies

35% Americas
30% China
11% Asia Pacific/Japan
24% EMEA

Industry Stakeholder Groups

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

178
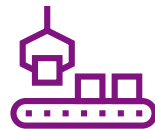America based companies

128
China based companies

46
APJ

188
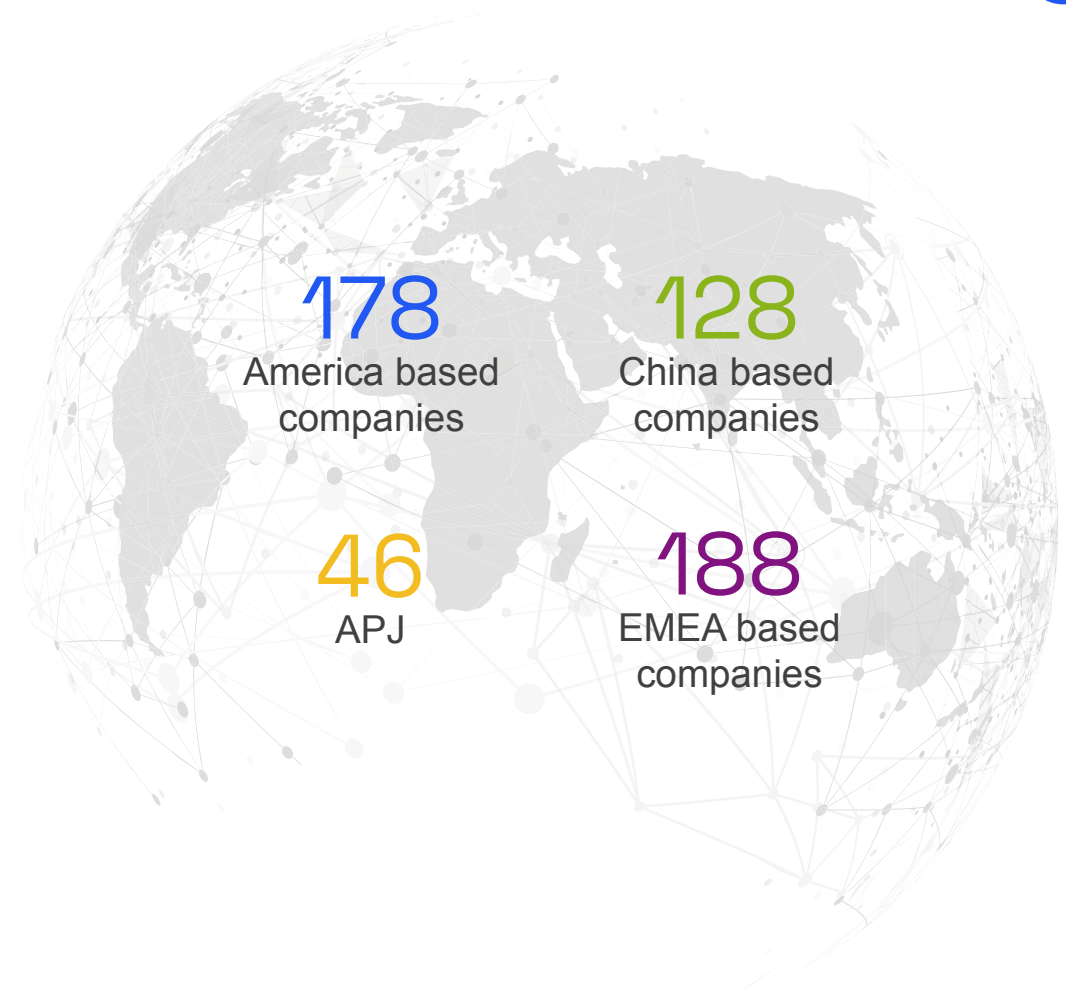EMEA based companies

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. Individual member growth nearly doubled in 2022, with continued steady growth for membership companies.

Looking ahead, EUIG will continue to provide a forum for regular updates to European members across Alliance technology, marketing, and certification efforts allowing members an opportunity to collaborate on the adoption and promotion of Alliance standards Europe-wide.
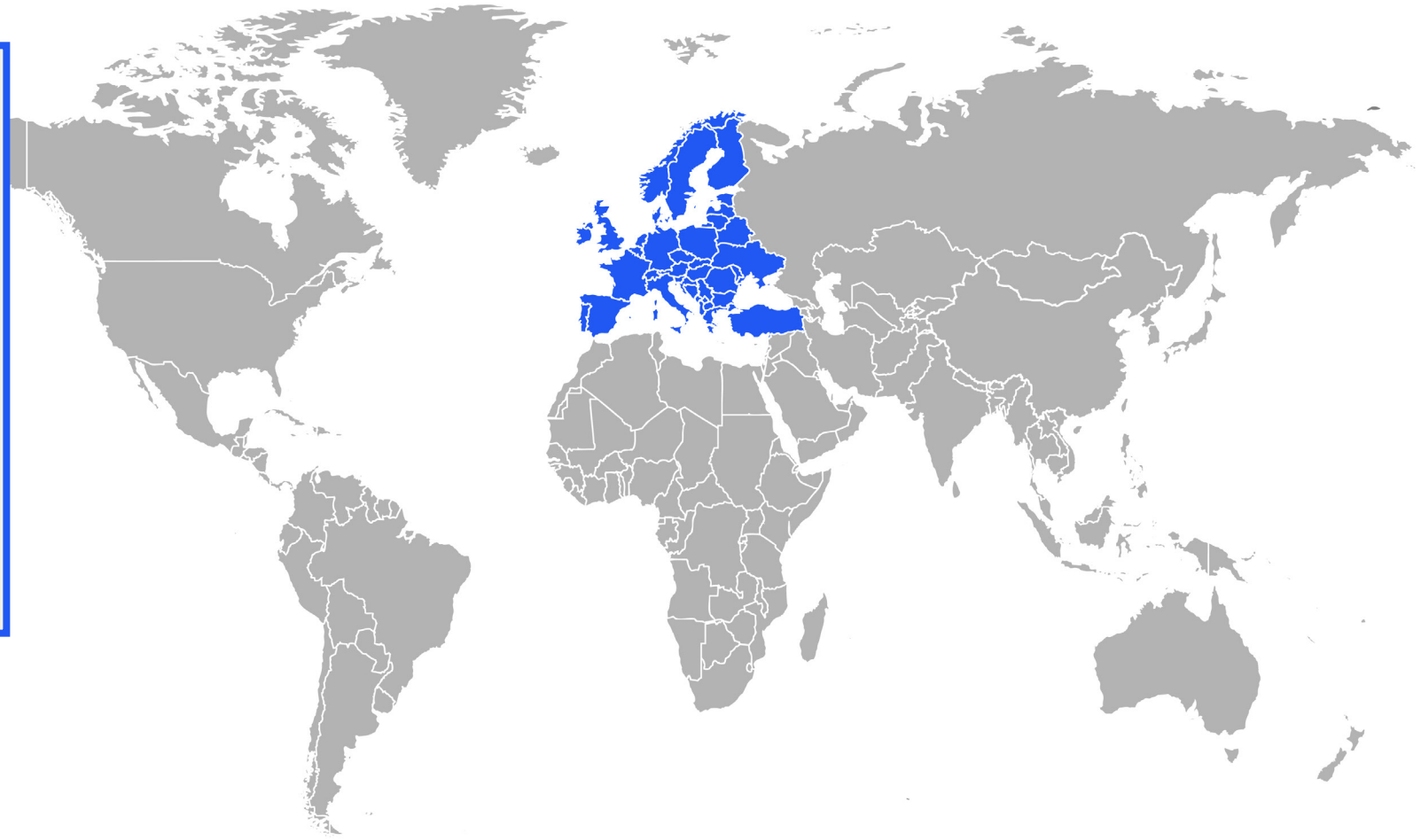
98 members

216 individuals

21 countries

Connectivity Standards Alliance Member Group China (CMGC)

As the Alliance rapidly increases its influence in the IoT industry, CMGC is also expanding its membership in the China market. In addition to tradeshows, forums, and training programs, CMGC amplified the Matter launch milestone, hosted two major Matter in-person events and the China Media Event and Developer Conference with unprecedented coverage and scale.

Matter Interest Group and Zigbee Interest Group were founded at the beginning of 2022. Since then, CMGC has also become a platform for members to learn and discuss the latest development of standards in their native language. The outcomes are impressive, especially the Matter Interest Group. Some notable contributions include the group's introduction presentation materials added to Causeway for the benefit of all Working Group members, and the Matter Interest Group's special task teams created a Matter Interoperability Demo Wall showcasing nearly 30 devices/APPs from 13 member companies compiling Matter Spec Interpretation and Matter SDK Development Guide in Chinese to help local developers.

CMGC also launched its first video platform on WeChat in 2022 for public viewing, including a demo video of the Matter Interoperability Demo Wall. A new series of bi-monthly Online Alliance Mini Classes also launched with topics such as standards Introduction, a certification program, and Matter technical features introduction.

Membership as of 2022

10
Council Members

19
Associate Members

Outbound Marketing

1
Matter China Media Event

1st
Matter Developer Conference

2
Trade Shows

3
Forums

2
Training Courses

12
Speaking Engagements*

2
Member F2F Meetings

1
China Undergraduate IoT Sponsorship

114
Articles Published

*(member events & industrial events)

Expanding Horizons

This year was a year of expansion, both in our efforts and our reach to positively impact consumers, stakeholders, and the IoT market. The Alliance continued to work closely with key partners, including Wi-Fi Alliance and Thread Group, to forward the development of standards like Matter, and elevated leadership-level engagement with the World Economic Forum and its Council on the Connected World, where one of the biggest challenges for IoT governance is both security and privacy of the IoT for all stakeholders.

Coming back full circle, and as we reflect on 2022, not only have we expanded our vision for a safer and more secure IoT for all, but we have set the course for the horizons ahead.

As part of addressing that challenge and in partnership with our members, the Alliance extended efforts in key areas of public policy with a primary and early focus on security and the IoT. Through the Board of Director's Public Affairs Committee and the regulatory subgroup of the Product Security Working Group, there was outreach and engagement across public and private sectors in an effort to bring stakeholders together to recognize and begin to address real consumer and industry risks related to fragmentation in security regulations and approaches around the world. The emphasis was on the need for a global approach to cybersecurity and the IoT. 2022 efforts culminated in a workshop at the White House with colleagues from across the industry discussing work in IoT security and labeling, the role of government, and how to better drive security outcomes, awareness, compliance, and enforcement.

We also re-ignited face-to-face creativity and collaboration at an industry level with our first Hive leadership event since 2019. The 2022 Hive, held in Carmel, California, brought together 45 senior executives and thought leaders from 32 organizations looking at three areas of the IoT: what's next for consumers in the IoT, how to accelerate growth in the smart Multi-Dwelling Unit space, and building trust through security and privacy.

Outcomes from Hive are typically solution paths – a directional notion of where the collective believes the industry can head, but with the freedom for participants to pick up where Hive leaves off and move things forward. This year, enough interest, commitment, and momentum came out of Hive to drive two new areas of work set to flourish in 2023 – Health and Wellness and Consumer Data Privacy.

Finally, we want to highlight our partnerships with organizations like Thread Group and the WiFi Alliance who were instrumental in the successful delivery of Matter across technology development, certification and marketing. We deeply value our relationships with these partners and their commitment to build solutions together that will create value and expand the market.

Coming back full circle, and as we reflect on 2022, not only have we expanded our vision for a safer and more secure IoT for all, but we have set the course for the horizons ahead. It is a journey not possible without thought leaders, partners, and the continued support of our members who propel both our work, and the way forward.

Our Work

zigbee

The Zigbee Working Group is responsible for the development and maintenance of the Zigbee mesh network protocol and application layer for smart devices and commercial infrastructure applications. In its 20 years of proven market adoption and deployment, the Working Group has generated 23 revisions of the network protocol specification, along with a unifying Base Device Behavior framework, resulting in a secure interoperable base on which to build robust wireless device implementations along with one of the world's most comprehensive device description libraries in the form of the Zigbee Cluster library.

To support the ongoing development across the Zigbee platform, the Working Group includes several Balloting Groups, such as Smart Energy, Green Power, Zigbee Direct, Base Device Behavior, and the Zigbee PRO Core groups. Each group's members focus on various aspects and use cases for Zigbee-based standards.

In 2022, the Working Group completed the specification for Zigbee Direct, a new Zigbee feature that uses Bluetooth Low Energy to simplify onboarding and control of the device. The Working Group also made progress on Base Device Behavior with revision 3.0.1, the revised Smart Energy specification to version 1.4a in service to the UK smart energy rollout, and the security extensions for Zigbee's ultra-low-power Green Power feature. Additionally, the continued work on the Zigbee Protocol Stack (R23) and Sub-GHz specifications in 2022 have set the stage for release in 2023.

With another near-record year of Zigbee certifications, it is clear the market for Zigbee technology and solutions is healthy and growing. We expect this trend to accelerate through 2023, with the release of the new revisions of the specification and new feature sets.

Leslie Mulder
Zigbee Steering Committee Chair

231
Member Organizations

1912
Individual Members

Certification & Testing

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

17
Test Events

5000+
Certified Device & Compliant Platforms

6
Features & Brands

zigbee   smart energy *by connectivity standards alliance*   green power *certified by connectivity standards alliance*

jupiterMesh   rf4ce   Zigbee Direct

Outbound Marketing

35
Social Posts

8
Blogs

![matter logo]

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

The Working Group is composed of three sub-groups, including Technical, Certification, and Marketing & Product. These teams are bringing together the specification, the open-source SDK, test tools, a certification program, brand awareness, and a roadmap of device types and features, ensuring Matter continues to create new value for members and users and to have a transformative impact on the market.

The launch of the Matter specification and SDK in 2022 was a transformative moment for the Connectivity Standards Alliance, the industry, and millions of smart home users. By the end of 2022, the Working Group has grown to 289 member companies, Matter has been enabled in millions of homes through major smart home platforms and mobile OSes. This is just the beginning, with new features, capabilities, and device types planned for updates in 2023.

Chris Decenzo

Matter Steering
Committee Chair

289
Member Organizations

3980
Individual Members

Certification

563
Devices

573
Certified Products

7
Test Events

Launch & Media Event PR

4.4B
Media Impressions

571
Unique Articles

3.8M
Journalist Reach

Outbound Marketing

1
Webinar

2
Videos

3
Digital Assets

Awards

Tom's Guide Innovator Award 2022: Matter

2022 CES Innovations Award Nominee: Matter

Popular Science's 100 Greatest Innovations in 2022: Matter

Access Control

The Access Control Working Group aims to deliver simplified and improved mobile credential experiences for end users, promoting hardware interoperability across access control use cases. This new standard will enable interoperability and compatibility between end-user devices, such as phones and wearables, and the access control devices, such as electronic locks and readers. It will support a wide range of transmission technologies, including NFC, Bluetooth LE, and UWB, to enable access control use cases and support a variety of hardware and provide a consistent communication protocol between access readers and user devices designed thoughtfully with key stakeholders in mind.

148
Member Organizations

950
Individual Members

Completed Marketing Requirements Document (MRD)

Completed Technical Requirements Document (TRD)

Lisa Corte
Access Control Steering
Committee Chair

Data Model

The Data Model Working Group is responsible for the development and maintenance of the Alliance's Data Model. Our catalog includes cluster and device type specifications, as well as the Interaction Model that defines interactions between endpoints implementing these data model elements. The Working Group comprises more than 230 member companies and more than 1800 individuals who work together to support user-centric designs using One Date Model with tools for developers.

Key 2022 activities by the Data Model Working Group included finalizing the Data Model XML format to formally define data model elements, conformance, and behavior. The Working Group also created a Data Model Editor that supports interactive editing and validating of clusters, device types, and generating specifications from the DM XML. Progress also pushed forward in the development of data model CLI Build Tools to convert and validate to/from DM XML and ASCIIDoc format and the defining of a set of home appliance clusters and device types. Lastly, the E2E initiative supported user trust with multiple ecosystem devices and services in a home.

Cam Williams
Data Model Steering
Committee Chair

234
Member Organizations

1832
Individual Members

Finalizing the Data Model XML format to formally define data model elements, conformance, and behavior.

Created a Data Model Editor that supports interactive editing and validating of clusters, device types, and generating specifications from the DM XML.

Product Security

The Product Security Working Group was established in 2022 to meet the need for a global approach to IoT cyber security by creating harmonized standards to bridge the gap between disparate cybersecurity standards. The Working Group will develop an alternative to the cost-prohibitive efforts of most companies to certify the security of their IoT products over and over with slight variants in dozens of global markets, resulting in higher costs, less innovation, and more confusion for consumers and in commercial applications.

The Product Security Working Group's mission is to build an industry-run certification program that aligns with existing and future regulatory requirements to be recognized by regulators and policymakers and aid in reducing fragmentation and promoting harmonization. This certification program will help governments and citizens trust that security is validated.

Steve Hanna
Product Security Steering
Committee Chair

130

Member Organizations

678

Individual Members

Initiated research to identify the top industry baseline standards and regulations

Developed a plan to create feedback loops with Standards Development Organizations and Policy Makers

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.

In 2022 the Certification Team guided the Matter Working Group through their test event program to the culmination of the Specification Validation Events (SVEs) and the launch of the Matter certification program. This launch also included the introduction of several new programs, which included Product Family Certification (PFC), Software Component Certification (SWC), and Rapid Recert Program. New tools that launched included a new online PICS tool, Distributed Compliance Ledger (DCL), PKI Certificate Program, Code-based Certificate Declaration (CD), and the reintroduction of Regular Plugfest sessions to allow interop checks with real devices from other members.
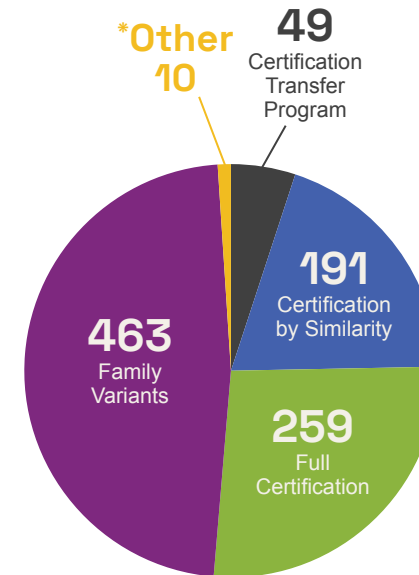
Within the Zigbee Working Group, the Certification Team oversaw the successful launch of the new Zigbee Direct certification program following a similarly extensive test event and SVE schedule. The year finished with a record-breaking number of certified products, with the Alliance passing the 5000 issued certifications milestone.

2022 Test Events

17
Zigbee

7
Matter

972 Certifications

*Other 10

49
Certification Transfer Program

191
Certification by Similarity

463
Family Variants

259
Full Certification

(*UIC, Existing Parent, Similar Parent, etc.)

Zigbee Unified Test Harness (ZUTH)

480
Licenses

117
Users

269
Activations

5000+ Alliance Certified Products, Compliant Platforms, and Software Components
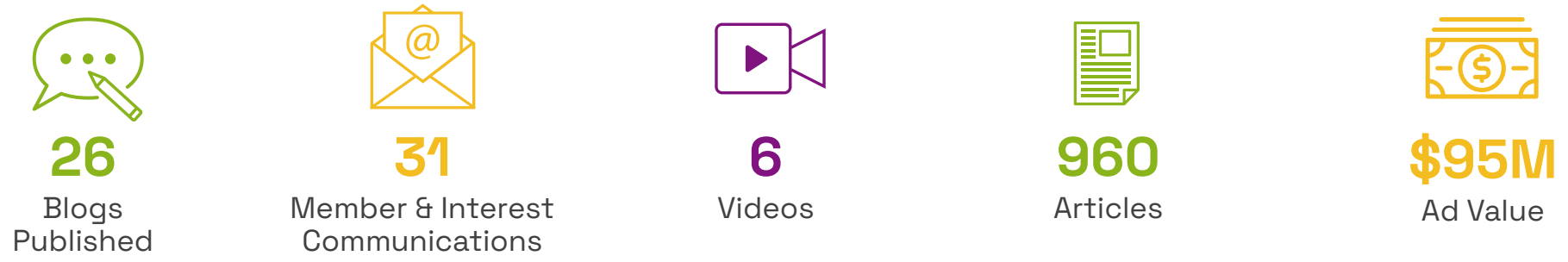
Marketing

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 enhancing the growth of available assets for world-class storytelling and thought leadership to support our members and drive growth in the market. Our 2022 efforts were reflected on numerous fronts, including the celebration of the Alliance's 20th anniversary with a month-long marketing campaign, the launch of the new smart home standard Matter in October with a close follow of our first-ever Media launch event in Amsterdam, providing global visibility and reach for both the Alliance and Matter. We continued to share the progression of our standards development efforts, publicized the expansion of our Working Groups, and stepped up our dedicated efforts to amplify member news through year-long social campaigns. Our ongoing investment in public relations was recognized as we increased our reach with an estimated $27.3M in ad value by year's end.

January
Alliance
Website Launch

July
Alliance's 20th
Anniversary

August
First Alliance Annual
Report Published

October
Matter Launch
Member Campaign

November
First Ever Matter
Media Launch Event
in Amsterdam

Outbound Marketing & Public Relations

26
Blogs
Published

31
Member & Interest
Communications

6
Videos

960
Articles

$95M
Ad Value

Events

26
Global Events

2
Member Meetings +

1
HIVE Leadership Event

11
EU

12
China

Social

40.9K followers on social media

in **16,800**

🐦 **14,500**

💬 **9,600**

Recognition & Awards

GEAR PATROL Gear Patrol's Best Home Products 2022

FAST COMPANY Fast Company's Next Big Things in Tech

CLIO AWARDS 2022 Clio Awards Bronze Winner for Brand Typography

tdc. 2022 TDC Communications Award for Logo

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.

2022 Board of 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 2022 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**

Kevin Kraus
Vice Chair of the Board | **Assa Abloy**

Jean-Michel Orsat
Treasurer | **Somfy Group**

Chris Daniels
Secretary | **Kroger Co**

Robert Alexander
Silicon Labs

Skip Ashton
Infineon Technologies

Uffe Axelsson*
IKEA

Chris DeCenzo
Amazon

Andreas Gal
Apple Inc

Damir Smrkovic
IKEA

Par Haakansson
Nordic Semiconductor ASA

Asad Haque
Comcast Cable Communications Management

Suyash Jain
Texas Instruments

Makarand Joshi
Schneider Electric

David Kaufman
Resideo Technologies

Jim Kitchen*
Comcast Cable Communications Management

Sujata Neidig
NXP Semiconductors Netherlands BV

Neil Orchowski
Lutron Electronics

Daniel Orsatti
STmicroelectronics SA

Kevin Po
Google LLC

Wesley Rhodes
Kroger Co

Patrick Serrato
Midea Group

Bill Smith
Latch

Mark Tekippe
Samsung Electronics Co Ltd

Musa Unmehopa
Signify Netherlands B V

Henk Veldhuis
Huawei Technologies Co Ltd

James Wang
Leedarson Lighting Co Ltd

Don Williams
LG Electronics

Alex Yang
Tuya Global Incorporated

Neil Yang
OPPO

Betty Zhao
Haier

Juston Zhu
Nanjing IoT Sensor Technology

* These directors served on the Board in 2022 before new directors were seated.

Participant Members

ACCEL LAB Ltd.

Aclara

ADEO

ADT Security Services

afero

Alarm.com

Allion Labs

Altice Labs

Ambi Labs Limited

Aqara Lumi United Technology Co. Ltd

Arlo Technologies

ARM

Arris Solutions (CommScope)

ASR Microelectronics (Shenzhen) Co., Ltd.

AT&T

ATLANTIC Group

Atmosic

AVM GmbH

Axis Communications

Becker Antriebe GmbH

Beijing OnMicro Electronics Co., Ltd.

Beken Corporation

BELIMO Holding AG

Belkin International Inc.

BOSE

Bouffalo Lab

BrightAI

Brilliant

British Telecommunications Plc

Buffalo INC (Reinstate)

Bureau Veritas Group

Busch-Jaeger Elektro

CA Engineering (Card Access)

Cable Television Labs

CAME S.p.A.

Candy Hoover Group S.r.l

Canonical

Carrier Global Corporation

Casambi Technologies Oy

Center for Medical Interoperability

Chamberlain Group, Inc.

Chameleon Technology (UK) Ltd

Charter Communications

Chengdu Meross Technology Co., Ltd.

China Electronics Standardization Institute

Computime International Limited

Coway

Crestron

Current Lighting Solutions (GE Lighting & C Daintree)

D-Link Corporation

Danfoss A/S

Datek Smart Home AS

DECATHLON SE

DEKRA

Delta-Dore

Deutsche Telekom AG

Develco A/S

Deveritec GmbH

Dexatek Technology

Digi International

DigiCert

Dormakaba

DSR

Dyson Technology Limited

Eaton Industries GmbH

ecobee

Ecovacs Robotics Co., Ltd.

EDF R&D

EDMI Ltd.

EGLO Leuchten GmbH

Electronics and Telecommunications Research Institute (ETRI)

Element Materials Technology

ELKO EP, s.r.o.

Elster Group

Eltako GmbH

Emerson

Enedis

EnOcean GmbH

Eonti Inc.

Espressif Systems

Essence Group

EUREVIA

Eurofins-Digitaltesting

Eve Systems GmbH

Exegin Technologies Ltd.

Ford Motor Company

Fortune Brands Home & Security

Fresco

Futurehome AS

Futurewei Technologies

Gardena GmbH

GOLDTek Technology Co., Ltd.

Grandcentrix GmbH

Granite River Labs

Green Energy Options

Gridmerge Ltd.

Grimsholm Products AB

Grundfos

Hager Controls SAS

Hangzhou BroadLink Technology Co., Ltd.

Hangzhou Ezviz Network Co., Ltd.

HANGZHOU LIFESMART TECHNOLOGY CO., LTD.

Hangzhou Sky Lighting Co Ltd

Hangzhou Yaguan Technology Co., Ltd.

HDC Labs

Hisense Group Holding USA

Hitachi Global Life Solutions, Inc.

Honor Device Co., Ltd

HooRii Technology Co., Ltd.

HP Inc.

IMHOTEP création

innovation matters iot GmbH

Inspur Communication Technology Co., Ltd.

Insta GmbH

Intel

iRobot

Itron

Jasco Products

Johnson Controls Inc.

Julius Blum GmbH

Kastle Systems

Kee Tat Manufactory Holdings

Kohler Co

Korea Testing & Research Institute

KT Corp.

Kwikset

Landis+Gyr

Last lock Inc.

Ledvance GmbH

Lennox Industries (Canada)

Level Home Inc

Leviton Manufacturing Company

LG Uplus

Liberty Global Services

Logitech

Longan Link Tech Co., LTD.

MASCO

Mastercard

mediola

Meizu Technology Co., Ltd.

Meta

Microchip Technology

Miele & Cie. KG

Mill International

Mitsubishi Electric Corporation

Mitsubishi Electric US

MMB Networks

Monolithic Power Systems

Morse Micro Pty.

mui Lab

Murata Manufacturing Co. Ltd.

Nabu Casa

Nagravision SARL

Nami

NanChang Innotech International Co., Ltd

Nanoleaf

Nature Inc.

Netgear

Nice North America LLC

Niko nv

Ningbo Dooya Mechanic & Electronic Technology Co. Ltd

Nodle

NodOn

Nuki

Onsemi Semiconductor Components Industries

Orange

Origin Wireless

OSRAM GmbH

Otodo

Panasonic Holdings Corporation

PanKore Integrated Circuit Technology Co. Ltd

Paulmann Licht GmbH

Perspecta Labs

Photon Sail Technologies Pte. Ltd. (A4x)

Plejd

Plume Design

Procter & Gamble

PROFALUX

Proxy

Qorvo

Qualcomm Technologies Inc

Quectel

Rafael Microelectronics

Razer

Realtek Semiconductor

Remotec Technology Ltd.

Renesas Electronics Corporation

Robert Bosch GmbH

ROCA SANITARIO SA

Roku

Rollease Acmeda Pty

Sagemcom Broadband SAS

Salto Systems S.L.

Samjin Co. Ltd.

Savant (formerly GE Lighting)

SberDevices Ltd

Schlage Lock Company (Allegion)

Secure Meters (UK) Ltd

SecureG

Sengled Co. Ltd.

Sense Labs, Inc.

Sensirion AG

SGS Group

Shenzhen Coolkit Technology Co., Ltd.

Shenzhen Heiman Technology Co. Ltd.

Shenzhen National Engineering Laboratory of Digital

Television Co., Ltd.

Shenzhen NEO Electronics Co. Ltd.

Shenzhen Phaten Technology Co., Ltd

Shenzhen Qianyan Technology Ltd.

Shenzhen Sail Electric Technology Co., Ltd.

Shenzhen SDMC Technology Co., Ltd.

Siegenia Aubi KG

Siemens Schweiz AG

SimpliSafe

SITERWELL Electronics

Smart DCC Ltd- Capita Business Services

SmartRent Technologies, Inc

Snap One (Control4)

SolarEdge Technologies Ltd.

Sonos

Stel Life Inc.

Stello

StrongAuth, Inc. (dba StrongKey)

Synaptics

System Level Solutions

TÜV Rheinland

TA Technology (Shanghai) Co., Ltd.

tado°

TCL Corporation

Technicolor Connected Home USA LLC

Telecommunications Technology Association

Teledyne LeCroy, Inc.

TeLink Micro LLC

The State Radio_monitoring_center Testing Center

TietoEVRY

Toshiba Corporation

TP-Link Corporation Limited

TrustAsia Technologies, Inc.

TrustCB

TUV SUD

Uascent Technology Company Limited

Ubilogix

ubisys technologies GmbH

Underwriters Laboratories LLC

Universal Electronics Inc.

Veea

Velux A/S

Verizon

Verkada

Vestel Elektronik Sanayi ve Ticaret A.S.

Viessmann Elektronik GmbH

Vimar SpA

Vivint Smart Home

vivo Mobile Communication Co., Ltd.

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WAREMA Renkhoff SE

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Wirepas Oy

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Xcel Energy

Xiaomi

Xunison

Xylem Inc

Yandex

Yunding Network Technology (Beijing) Co. Ltd.

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Zumtobel Group AG

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Adopter Members

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ABB Xiamen Smart Technology

Accenture Global Solutions Ltd

Acuity Brands Lighting

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AKUVOX

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Aldes Aeraulique

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Amicus SK s.r.o.

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APYNOV

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Autani

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Ayla Networks

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Baracoda

BEGA Gantenbrink-Leuchten KG

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Burg-Wachter KG

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Corporacion Empresarial Altra S.L.

Critical Software S.A.

Crow

CUJO LLC

Danalock APS

Devicebook, Inc.

Disign Incorporated

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Dreamsecurity Co., Ltd.

Dresden Elektronik

DUCTECH Co., Ltd.

Eaglerise Electric and Electronic (China) Co. Ltd

Earda Technologies Co., Ltd

EcoFlow

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Elelabs International Limited

Empowered Homes Inc. (Mysa)

EuControls

Evvr ApS

FDI MATELEC - YOKIS

Feit Electric Company, Inc.

FELL Technology

Fibar Group

Flonidan A/S

Freedompro S.R.L.

Geberit International AG

Gemtek Technology Co. Ltd

George Wilson Industries Limited

Giersiepen GmbH & Co.kg (GIRA)

Gigaset Communications GmbH

GMO GlobalSign Inc.

GOQUAL Inc.

Gractor

GUANG DONG REMAC SMART TECHNOLOGY CO., LTD.

Guardian Glass

Gumax

Häfele SE & Co KG

HALEMEIER

Hama GmbH & Co KG

Hangzhou Honyar Electrical Co.

Hangzhou Roombanker Technology

HDL Automation Co. Ltd.

Heatmiser UK Ltd

Heimgard Technologies

Helbling Technik AG

Hella Sonnen- und Wetterschutztechnik

HiSilicon Technologies

HKT Limited

HOOBS Inc.

Hornbach Baumarkt AG

Hubitat Inc.

Hyundai HT

igloohome

In Home Displays Ltd.

INERGY SYSTEMS LLC

Innr Lighting B.V.

Inovelli LLC

Intermatic Incorporated

Intertech Services AG

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IOTGIZMO Corporation

itemis AG

ITIUS GmbH

Iton Technology Corporation

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Jiangsu Shushi Technology Co., Ltd.

KD Navien

Keyfactor, Inc.

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LED Linear GmbH

Ledworks SRL

Lexi Devices Inc.

Lidl Stiftung & Co. KG

Lierda Science Technology Group Co., Ltd.

Lightning Semiconductor

Lightspeed Technologies

Lite-On Technology Corp

Lorex Technology Inc.

Luxshare-ICT Co., Ltd.

Marantec Antriebs-und Steuerungstechnik GmbH & Co.KG

Mattel, Inc.

MEDIATEK

Mercator Pty Ltd

Mercury Corporation

MeteRSit SRL

Mueller-Licht International Inc

Nanjing Easthouse Electrical Co., Ltd.

Night Owl SP

NOKIA

Novus Labs

Nubert Electronic GmbH

Nuvoton Technology Corporation

Occhio GmbH

Ohsung Electronics

OKI Electric Industry Co. Ltd.

Opulinks Technology

Overkiz SAS

Paul Neuhaus Lighting Group GmbH

Pepper

Peratonlabs

Philips DA

Phoenix Systems

PHYPLUS MICROELECTRONICS LIMITED

Pietro Fiorentini S.p.a.

PIN GENIE, INC. DBA LOCKLY

POLYNHOME

Powerley (dba: Insight Energy Ventures LLC)

Pressac Communications Ltd

Qingdao Yeelink Information Technology Co Limited (Yeelight)

Qrio, Inc.

RADEMACHER Geräte-Elektronik GmbH

Rang Dong Light Source & Vacuum Flask Joint Stock Company

RATOC Systems, Inc.

Raymarine U.K. Limited

Remote Technologies Inc. (RTI)

Rently

Research Products Corp. (April Aire)

Riverbed Technology Inc.

Ruwido Austria GmbH

S. Siedle & Söhne Telefon- und Telegrafenwerke OHG

Schwaiger GmbH

Secuyou APS

Shanghai High-Flying Electronics Technology Co., Ltd.

Shanghai MXCHIP Information Technology Co., Ltd.

Shanghai Xiaodu Technology Limited

Shenzhen Hidin Technology Co., Ltd.

Shenzhen Jingxun Technology Co., Ltd.

Shenzhen Kaifa Technology (Chengdu) Co. Ltd.

Shenzhen Meian Technology Co., Ltd.

Shenzhen Orvibo Technology Co. Ltd.

Shenzhen Seastar Intelligence Co. Ltd

Shenzhen SEI Robotics Co., Ltd.

Shenzhen Sibo Zhilian Technology Co., Ltd.

Shenzhen Snowball Technology Co., Ltd

Shenzhen Sunricher Technology Limited

Shenzhen Topband Co., Ltd.

Shina System Co., Ltd.

Sichuan Changhong Technologies Co., Ltd.

SigmaStar Technology Ltd.

Simon Electric

Simon Holding Spain

Sinope Technologies Inc

SinuxSoft

SkyBell Technologies, Inc.

Skylux NV

Skyworks Solutions Inc.

SLV GmbH

Sowilo DS

Sprue Aegis FireAngel

StreamUnlimited Engineering GmbH

Synopsys

Tantalus Systems Inc

TCI Telecomunicazioni Italia srl

The Home Depot

Titan Products

Top Victory Investments Limited (TPV)

TRILUX GmbH & Co. KG

Trust International BV

TUO Accessories LLC

Ubiquiti Inc.

Ultimate IOT (Shanghai) Technology Ltd.

Uniband Electronic Corporation

V-Mark Enterprises Inc.

Virtual Connected Controlling System (Singapore) PTE. LTD.

Wago

Watts Water Technologies

WiDom SRL

WiFigarden Inc.

Wistron NeWeb Corporation

Woan Technology (Shenzhen) Co., Ltd. (SwitchBot)

Woven Planet Holdings (Woven Alpha)

XAL GmbH

Xiamen Intretech Inc.

Xiamen Yankon Energetic Lighting Co., Ltd.

Yukai Engineering Inc.

Zhejiang Raying IoT Technology Co. Ltd.

Zimi

connectivity
standards
alliance