



THREAD GROUP

# Thread Group Annual Report

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2025

SMARTER HOMES. SMARTER BUILDINGS.

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## A LETTER FROM VIVIDH SIDDHA

*President of Thread Group*

2025 marked an important inflection point for Thread.

Thread Group's vision is clear: a low-power, IP-based, secure, and resilient mesh network as the foundation for connected devices. Entering 2025, Thread was still widely viewed as an emerging standard. Over the past year, perception has shifted meaningfully. Thread has become a standard with real momentum. What was once theoretical is now tangible, backed by a growing number of products and components, and chipset support. Thread is no longer just being evaluated; it's actively being designed in, shipped, and scaled.

Within the Connectivity Standards Alliance ecosystem, this shift is particularly evident. Thread has established itself as a core networking layer for a growing number of Matter-enabled devices, driven by its ability to deliver reliability, interoperability, and operational simplicity under real-world conditions. The increasing alignment across the ecosystem reflects a broader industry recognition: the underlying network must be dependable, standards-based, and interoperable by design.

The scope of adoption is expanding. In 2025, we saw meaningful progress beyond traditional residential use cases, with growing engagement in commercial buildings, multi-dwelling units, and broader infrastructure environments. This represents a natural evolution - from a technology initially associated with the smart home to one that is positioned as infrastructure for connected environments more broadly.

The Thread ecosystem also continued to mature. Membership growth remained strong and the depth of engagement increased across silicon providers, device manufacturers, platform vendors, and service operators. Interoperability at scale is not achieved through specification alone - it requires sustained collaboration across the entire stack. We also made steady progress in certification and interoperability. The expansion of certified products, along with improvements in tooling and test infrastructure, has strengthened confidence in Thread deployments.

From a technical standpoint, focused improvements in scalability, reliability, and simplicity are enabling Thread to support denser, more dynamic deployments. As connected environments grow in complexity, the network must become more dependable, operating seamlessly in the background.

The understanding of Thread in the market greatly increased in 2025. The conversation is moving beyond protocol-level discussions and toward recognition of Thread as a key enabler of ambient computing.

**Looking ahead to 2026, our priorities remain clear. We will continue to expand adoption in commercial and industrial segments, strengthen interoperability at scale, and simplify the developer and deployment experience. At the same time, we remain focused on the fundamentals that have driven Thread's progress: reliability, simplicity, security, and openness.**

If recent years were about establishing Thread as an emerging standard, 2025 was about demonstrating momentum.

That momentum is now translating into scale, and we are well positioned to build on it in the years ahead.

President of Thread Group,  
Vividh Siddha



# 2025 Highlights

# Thread Group Surpassed 1000 Built on Thread Products



From our first certified product in 2019 to today, this growth reflects the dedication and innovation of our more than 230 member companies across North and South America, Europe, South Africa, Asia, and Australia. As the foundation for secure, reliable, and scalable IoT connectivity in homes, commercial buildings, and beyond, Thread certification ensures that each product has passed rigorous testing to meet our highest standards for reliability, security, and interoperability.

[Read the blog here.](#)



# Congratulations to

**HAOJAI** + **Soileafy**

**Haojai** is a Shenzhen-based smart home manufacturer that produces Matter-over-Thread devices like switches and controllers designed for interoperable, hub-free smart home systems. **Soileafy**<sup>™</sup> encourages people everywhere to move forward and help us grow better at gardening.

Thread Group's **Innovation Enabler Award Program** recognizes IoT start-ups and provides innovative companies with the opportunity to join the Thread Group and play a role in defining the connected home through access to Thread technology.

The program provides up to two promising companies with a complimentary two-year Thread Group membership to enable them to engage with the community and build new products using Thread. Winners are selected twice a year.

**[For more information, visit the Thread Group website.](#)**

# 2025 Highlights



1090+  
Certified  
Products

240+  
Members

2  
In-person  
Members  
Meetings

7  
Liaison  
Partners

21.5%  
Net Member  
Increase

10  
Industry  
Events  
Attended

133K  
Web  
Users

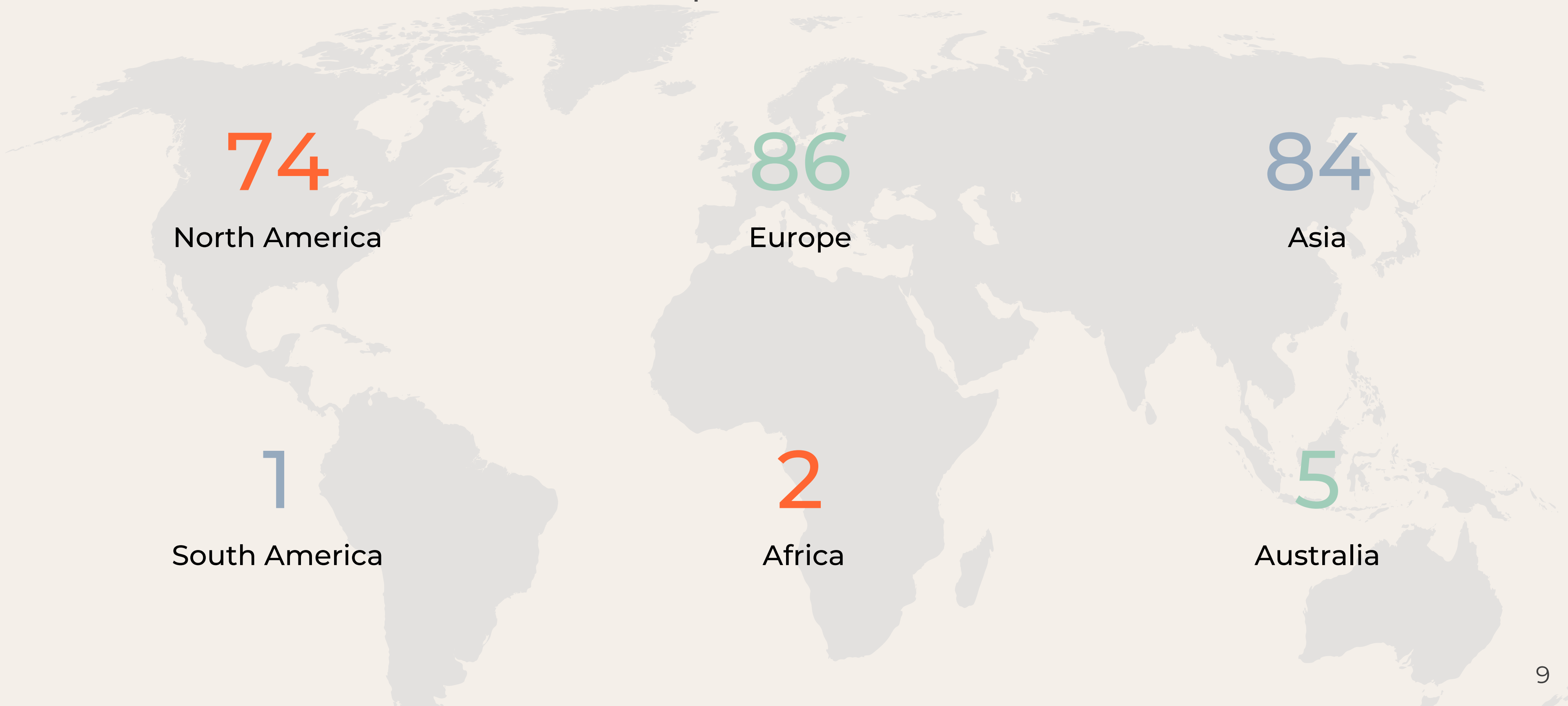
154  
Members  
Meeting  
Attendance



# Growth & Global Reach

# International Reach

Member Companies Across the Globe



# Adoption of Thread in Europe

## Events & Industry Presence

Thread continued to build strong visibility across Europe in 2025, with a presence at major industry events including Light + Building, ISH, Integrated Systems Europe, IFA Berlin, and Mobile World Congress. At the same time, Thread strengthened collaboration with key organizations such as the KNX Association, DALI Alliance, BACnet Interest Group Europe, and Connectivity Standards Alliance, reinforcing interoperability and accelerating adoption across the region.

## Member Engagement

Thread Group hosted its Fall Members Meeting in Stockholm in October 2025, strengthening regional collaboration and member engagement.

The Spring Members Meeting will take place in Vienna from April 21–23, 2026, bringing together members and prospective companies for strategy sessions, onboarding programs, networking opportunities, and live demonstrations showcasing the latest Thread-enabled innovations.

## Membership & Ecosystem Growth

Adoption of Thread across Europe continues to accelerate, expanding beyond smart home and building applications into emerging mobile and tablet segments. With **14 new European companies joining Thread Group in 2025**, the region continues to play a leading role in advancing innovation and expanding the global Thread ecosystem.



# Adoption of Thread in China

## **Events & Industry Presence**

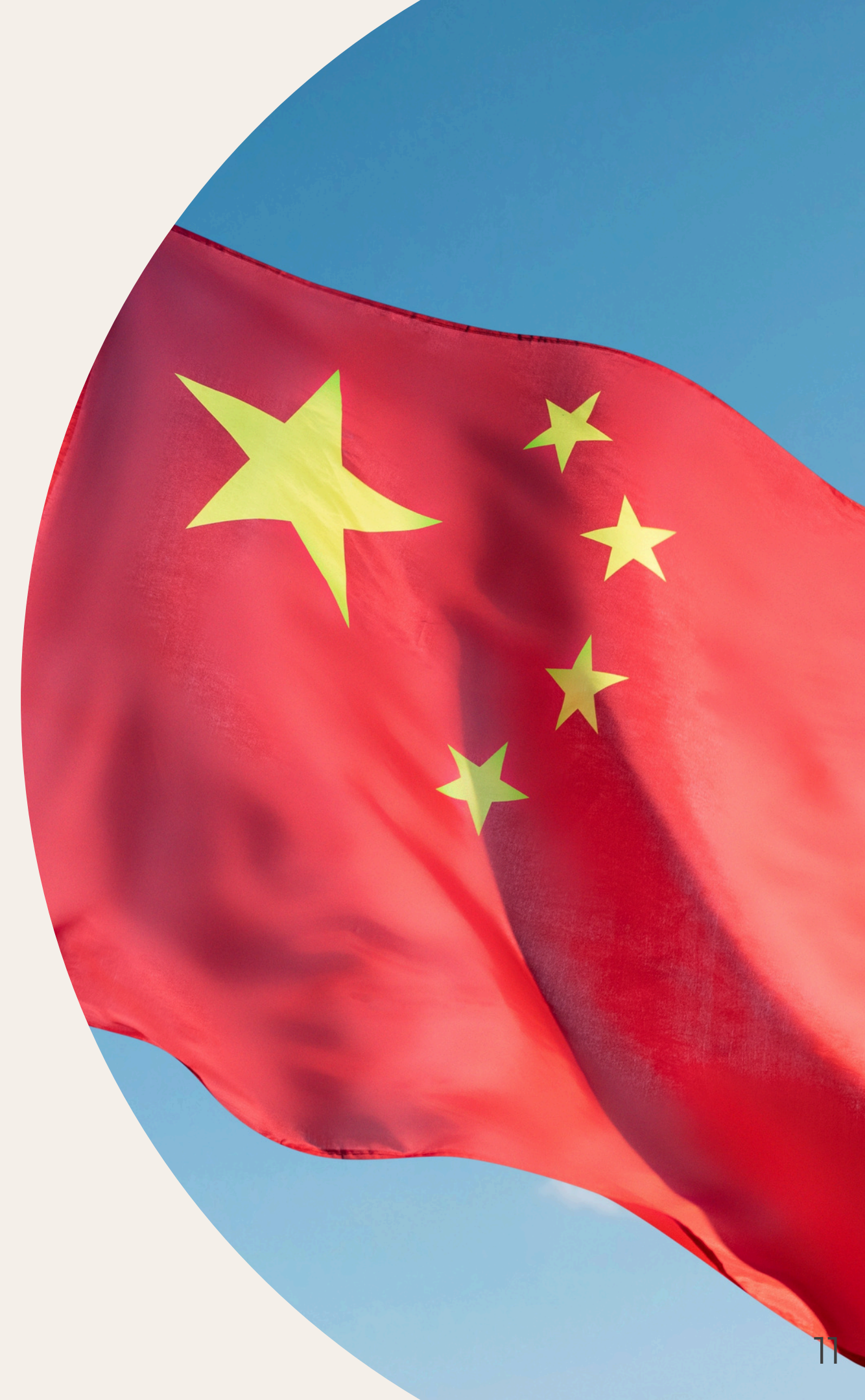
A dedicated webinar hosted in China significantly expanded our reach within the IoT industry. The Thread Group has also strengthened its strategic relationship with the Connectivity Standards Alliance. A major highlight was the Thread Group China Working Group's participation in the Matter Open Day in Guangzhou in June 2025. By showcasing Thread chips, modules, and a Thread credential-sharing demo, we received high praise from industry professionals, further enhancing the recognition of the technology in China.

## **Member Engagement**

Furthermore, the Thread Group made substantial progress in establishing a robust digital presence; notably, the number of WeChat Official Account subscribers grew steadily, and the Thread Interest Group now boasts nearly 300 members, further solidifying Thread's influence in the region.

## **Membership Growth**

Thread continued its steady growth in China throughout 2025, with 14 new Chinese corporate members joining the group—a 33% increase.



# Thread in North America

## Events & Industry Presence

Thread Group started the year strong at CES 2025 with a dedicated meeting suite, enabling strategic discussions with members, prospects, and industry leaders on the future of IoT and Thread's role in connected living.

Vividh Siddha, President of Thread Group, joined Jen Tuohy and the presidents of CSA and Wi-Fi Alliance to discuss 2025 priorities for Matter and Thread advancements and cross-industry collaboration. Read the interview [here](#).

At Connections 2025, former VP of Marketing for Thread Group, Sujata Neidig, participated in a keynote panel on interoperability, highlighting how open standards are reshaping product portfolios and accelerating the evolution of connected homes.

## Member Engagement

Thread Group's Spring 2025 Members Meeting was held in Denver, bringing together 80+ attendees for collaboration, technical alignment, and ecosystem growth.

## Membership Growth

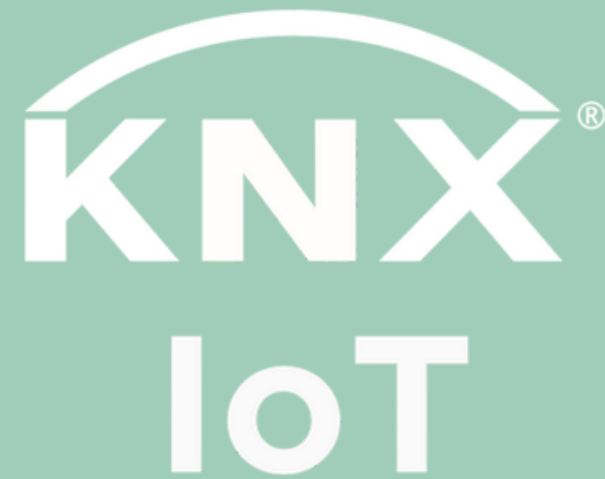
Thread Group acquired 16 new North American companies in 2025, representing approximately a 20% increase in regional membership.





# Industry Collaboration

# KNX IoT and Thread



## What is KNX?

KNX is a global, vendor-independent standard for home and building automation, with decades of adoption and hundreds of millions of installed devices worldwide. It enables seamless interoperability across systems like lighting, HVAC, energy management, and security. With the evolution to KNX IoT, the standard now leverages IP-based (IPv6) technologies to deliver more scalable, secure, and future-ready smart building solutions.

## Thread and KNX in 2025

In 2025, Atouch Winwel, a previous Thread Group Innovation Enabler Award-winner, demonstrated the power of Thread with its KNX IoT-enabled glass keypad, built on Cascoda's platform. The solution enables reliable, low-power wireless connectivity and seamless retrofitting without complex rewiring.

As the first fully certified KNX IoT keypad, it highlights how Thread delivers flexibility, faster time to market, and scalable performance for modern smart building deployments. To learn more about their success, [read our blog!](#)

[Learn more about KNX and Thread.](#)



# DALI+ and Thread

## What is DALI+?

The combination of DALI+ and Thread Group technology brings together the strengths of proven lighting control with modern, secure wireless networking. Paired with DALI+, Thread enables scalable, IPv6-based mesh networks for smart lighting, supporting large deployments, virtually unlimited device addressing, and seamless integration with existing IP infrastructure. Together, they deliver a secure, interoperable ecosystem with broad device support, creating a flexible, energy-efficient, and future-ready solution for modern lighting systems.

## Thread and DALI+ in 2025

In 2025, DALI+ won two 2025 LFI Innovation Awards during LightFair in Las Vegas, NV: Best Control Enabling Technology and The Design Excellence Award. Industry recognition of DALI+ highlights the growing importance of open, interoperable standards and aligns with Thread's mission to deliver secure, future-proof connectivity. By operating over Thread, DALI+ brings reliable wireless control to the established DALI ecosystem, enabling flexible hybrid lighting systems.

[Discover the possibilities that DALI+ and Thread enable.](#)



# Matter and Thread

## What is Matter?

Matter is a unified standard that enables devices to connect seamlessly across platforms. Developed by the 400+ members of the Connectivity Standards Alliance and supported by leading smart home brands, Matter is already in millions of homes—making smart devices simpler to build, easier to use, and more reliable.

## Thread and Matter in 2025

As an application layer, Matter runs across Wi-Fi, Ethernet, and Thread—unlocking new device categories and improving performance across the home.

In 2025, continued progress in credential sharing and stronger support from mobile OS providers and hub manufacturers have made Thread networks easier to set up and scale. With growing device availability and a more seamless user experience, Thread has firmly established itself as a reliable foundation for the Matter ecosystem.

[Learn more about how Matter works better with Thread.](#)





# Thread Adoption

## 2025 CERTIFICATION STATUS

277



134



1090+

**Thread Certified**  
Products & Components  
Cumulative



## appleinsider

### tvOS 26 Adopts Thread 1.4

“Smart home devices that connect over Thread should have a much more stable network thanks to Thread 1.4 support.”

## The Verge

### IKEA's Smart Home Shakeup

“The baseline for the new products was shifting to a new technology, from Zigbee to Thread ... we also looked to make them more affordable, easier to use, and more interoperable.”

## How-To Geek

### End of the Road for Zigbee

“IKEA's decision to move to Thread is a big deal, and it's certainly going to help get the smart home off the ground.”

[VISIT THE NEWSROOM](#) →

## CNET

### Apple's Smart Home Plans

“Apple's continuing Thread support is excellent for smart home users with iPhones.”

## Android Headlines

### Pixel 10 Pro's Thread Radio

“It's a small, powerful piece of hardware called a Thread radio, and it's a huge deal for the future of the smart home.”

## tom's guide

### Aqara Camera Hub G5 Pro

“The smart home has gotten a whole lot smarter and easier to use, especially with standards like Thread.”

## digitaltrends

### iPad's Thread Upgrade

“Support for Thread is a key upgrade that will help turn the iPad into a hub for controlling smart home devices.”

## IEEE Spectrum

### Mesh Networks Break Free

“Thread 1.4 addresses much of the smart-home mesh fragmentation problem by letting devices from different manufacturers securely join the same mesh network ... It's a pretty big push toward avoiding the walled garden.”

## GOOD HOUSEKEEPING

### Best Smart Plugs for 2025

“If you must have the most stable possible smart home setup, we'd suggest looking at Thread for connectivity.”

## MEMBER TESTIMONIALS

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“The adoption of Thread boosts our sales, as consumers today increasingly seek smart products with enhanced interoperability.”

“Thread has **opened new business opportunities**: retail channels favor devices that support the major smart home platforms out of the box.”

### Aqara

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“Thread adds responsiveness and reliability while preserving battery efficiency, allowing Eve to deliver superior products without compromise.”

“Thread's mesh network **eliminates range issues, improves responsiveness, and extends battery life**, making it the ideal successor to Bluetooth.”

### eve.

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“Recognizing the need for a standardized, low-power, and future-proof solution, Tuya chose Thread as the foundation for its Matter offerings.”

“Thread’s **native support within Matter**, along with its **low energy consumption** and **robust interoperability**, made it the ideal choice over alternatives like Zigbee or Bluetooth LE.”



# About Us

A woman with dark curly hair is smiling and holding a baby. In the foreground, a white smart home hub device with a blue light ring sits on a wooden table. A lamp with a white shade is visible in the background.

## Mission

Through industry collaboration, the Thread Group delivers an open and global wireless mesh networking protocol that extends IP infrastructure in homes and buildings. This low-power, reliable, and secure network enables the most diverse ecosystem of IoT devices.

## Vision

To provide a ubiquitous low-power wireless networking technology that seamlessly enables devices, systems, and services to make them more sustainable, secure, and reliable.

# Thread Group 2025 Board Officers



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# Community

The Thread Group is a member-driven organization of leading and innovative companies from around the world. Each volunteers their expertise and market experience to evolve Thread's open and robust technology, addressing the IoT market's needs today and in the future.



# Powered by Our Members

# Thank You to Our Sponsors

Thread Group's success is due to the participation of our members.



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Technology Co.,Ltd  
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<b>Membership Benefits</b>	<b>Academic</b>	<b>Affiliate*</b>	<b>Associate**</b>	<b>Implementer</b>	<b>Contributor</b>	<b>Sponsor</b>
Access To Members-Only Website	✓	✓	✓	✓	✓	✓
Use Of Alliance Member Logo	✓	✓	✓	✓	✓	✓
Participate In All-Member Sessions of General Meetings	✓	✓	✓	✓	✓	✓
Participate In Promotional Materials	✓	✓		✓	✓	✓
Access To Pre-Publication Draft Specification	✓	✓		✓	✓	✓
Access to IP Rights As Defined with Certification			✓	✓	✓	✓
Ability To Certify Devices By Inheritance For Approved Scenarios			✓	✓	✓	✓
Participate In Committee Sessions Of General Meetings				✓	✓	✓
Access To Thread Test Harness				\$	FREE	FREE
Ability To Pre-test And Certify Devices At Thread Group ATLS					✓	✓
Ability To Purchase Thread Test Bed					✓	✓
Access All In-Process Draft Specifications					✓	✓
Access To Thread Reference Commissioning App					✓	✓
Authorize And Refer Associate Members					✓	✓
Participate And Vote In Work Groups and Committees					✓	✓
Chair Work Groups And Committees					✓	✓
Initiate Work Groups Or Committees						✓
Approve Operating Budget						✓
Approve Final Deliverables						✓
Automatic Seat On Board Of Directors						✓
<b>Annual Fee</b>	\$-	\$1,000	\$-	\$7,500	\$20,000	\$85,000
<b>One-Time Initiation Fee</b>						\$45,000

\*Open to organizations with fewer than 50 employees.

\*\*White-label or rebrand certified products only

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