

Presentation Will  
Begin Shortly

4:00



MATTER

- FEB 15<sup>TH</sup> | The Final Step Matters: Scaling Secure Products into Volume Production
- MAR 21<sup>ST</sup> | Matter Technology and Market Updates and Q&A with the Connectivity Standard Alliance
- APR 25<sup>TH</sup> | Future Proofing your Matter Products
- MAY 30<sup>TH</sup> | Matter Specification Updates and Enhanced Support for Low Power Sensor Devices

# Welcome

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Matter Technology and Market Update

Q & A with the Connectivity Standard Alliance

tech talks



MATTER

# Silicon Labs: Simplifying Matter Development, Testing and Manufacturing



## Guided end-to-end [Matter Developer Journey](#)

- Steps developers through learning to deployment including guidance for popular Ecosystems



## High-performance Low-power [Wireless SoCs](#)

- Wi-Fi and Thread solution with Bluetooth Low Energy for commissioning



## Wireless Matter solution for Silicon Labs [GitHub](#) and [Simplicity Studio](#)

- Proven and pre-certified stacks for Matter over Wi-Fi and Matter over Thread



## Comprehensive [Development Tools](#)

- Development kits, tools, and sample applications for Matter use cases



## Robust [Matter-compliant Security](#)

- The most advanced IoT security solution with full Matter-compliance



## Connectivity Lab

- Developed for testing your products from the user's perspective



## Silicon Labs [Custom Manufacturing Services](#)

- Secure Programming of your Matter certificates, security parameters, application, and bootloader

# Alliance Speaker



**Chris LaPré**  
**Head of Technology**  
**Connectivity Standards Alliance**

*Chris plays an integral role in several key initiatives for the Alliance, from recruiting and supporting new and expanding ecosystems, to providing technical expertise and guidance in our marketing and developer programs. Chris also represents the Alliance as guest speaker in key market segment events and speaking engagements. With a background in embedded systems, wireless, and developer community, Chris has been working at Zigbee companies since 2004, most recently in the Iris program at Lowe's.*

# Agenda

- 1** Matter Introduction
- 2** A Year in Review
- 3** What's Next
- 4** Q&A

# Matter

# Introduction



# Building the Foundation & Future of the IoT



700+ Engaged Companies, with over 6,000 member individuals participating from 49 countries



# What is Matter?

An open, universal standard for the smart home, developed by industry-leading companies.

Click play to view  
Matter launch explainer



## Simple

Easy to purchase, takes out the guesswork.

Makes it easy to setup and control your smart devices with multiple ecosystems.

## Interoperable

Devices and ecosystems with the Matter mark are compatible by design.

Customers can choose which devices and ecosystems to connect.

## Reliable

Consistent and responsive local connectivity that still works if your Internet connection is down.

## Secure

Authenticated before joining the network, using encryption to transfer data.



# How does Matter connect devices?

Matter-enabled smart home devices will run on Wi-Fi, Thread and/or Ethernet networks



Universal **wireless** networking technology connecting many devices in the home today.

High Bandwidth & Real-Time: Wi-Fi supports applications such as streaming video and audio, in addition to traditional smart home categories like light bulbs and thermostats.



An energy-efficient **wireless mesh network** that enables smart home devices such as door locks, lighting, and sensors to securely, reliably, and simply integrate into the smart home.

- Reliable: Thread is dependable.
- Instant Control: Thread is fast.
- Extended Range: Thread is well connected.
- Years of Battery Life: Thread is efficient.



Ubiquitous **wired** networking technology connecting many devices in the home today.

High Bandwidth & Real-Time: Ethernet supports applications such as streaming video and audio

# Addressable market

## No chicken-and-egg adoption cycle.

Most new standards take time for device makers to produce — and users to buy — all new hardware. Often with uncertainty if it will succeed.



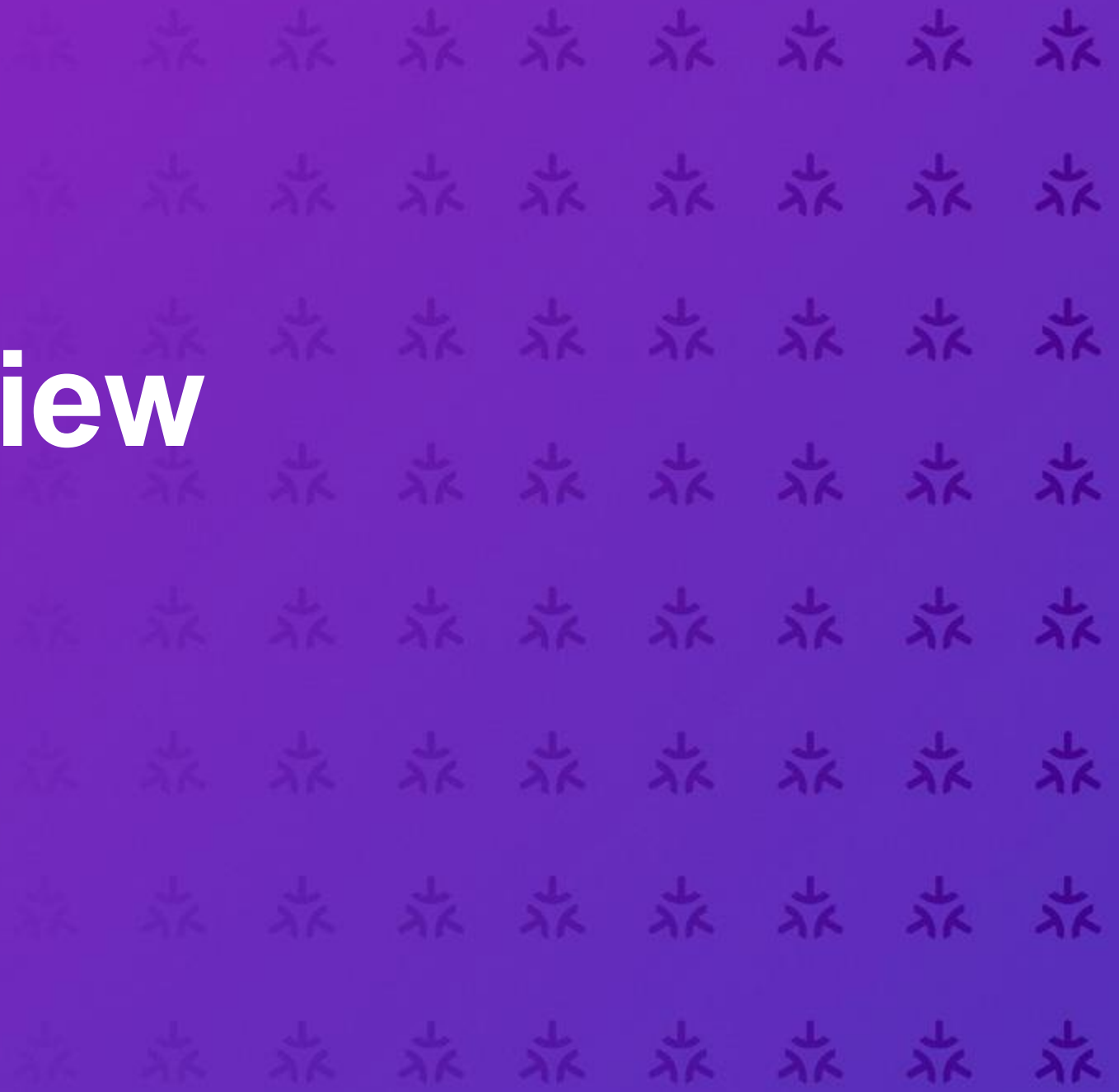
Software updates to devices in **millions of homes**, let people **use Matter with many devices they already have**. **Hundreds of devices have been certified!**

*That means Matter is **on shelves and in homes**, right now.*

**Other devices won't get left behind** — Matter supports bridging to technologies like Zigbee and Z-Wave, and major ecosystems will support existing integrations.



# A Year in Review



# Matter Adoption

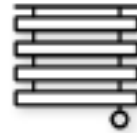


- **Matter 1.0 Launched on October 4, 2022**
  - Matter 1.1 Released May 2023
  - Matter 1.2 Released October 2023
  - *Matter 2024 Spring Update*
  - *Matter 2024 Fall Update*
- **As of February 29th, 2024, there are 2858 certified devices across 27 device types**
- **One of the fastest standards adoptions by manufacturers ever**
- **Major ecosystems have all rolled out device support for both Thread and Wi-Fi**

## Device types supported by Matter



HVAC Controls



Window Coverings and Shades



Safety and Security



Lighting and Electrical



Door Locks



Media Devices



Controllers and Bridges



Appliances



Air Quality

# What is Next?

# Evolving and Extending our Reach



## Ongoing Release Planning

- Biannual Releases – Spring / Fall
- Devices
- Functional Updates
- Continuous Improvement

## Active Use Case Teams

- Appliances (White goods)
- Closure Sensors
- Smoke & CO Detectors
- Energy management (EV Charging +)
- Access points, Border Routers
- Ambient motion / presence sensing
- Doorbells & Cameras

# Q&A



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# Thank You

tech **talks**



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