



matter

The foundation for connected things

FOR USERS:

Matter is the seal of approval that says smart devices work reliably together—taking guesswork out of the purchasing process, letting consumers choose from a wider range of the brands they love, and bringing them the comfort of a seamlessly connected home.

FOR DEVELOPERS:

Matter is the unified standard for connected objects, built on proven technologies. With a single development path to the largest addressable market and more reliable user experiences, developers can focus their resources on innovation and increase ROI.

FOR RETAILERS:

Matter is the IoT compatibility standard and mark that drives category growth, simplifies the purchasing process, improves consumer confidence and experiences, and lowers training and operational costs.



Simplicity

Easy to purchase and use



Interoperability

Devices from multiple brands work natively together



Reliability

Consistent and responsive local connectivity



Security

Robust and streamlined for developers and users

More than just a specification

Matter offers a complete toolkit, from spec, to open source SDK, to certification and testing tools, that device makers can use from day one to create interoperable products. This is groundbreaking and unprecedented work, designed to accelerate and increase interoperability and adoption of the smart home.

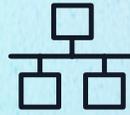
Open and industry-driven

Matter has been developed with the contributions of hundreds of leading and innovative companies from across the industry and value chain, working on consumer and commercial applications. And as an open source project, developers from across the industry and world are able to contribute to the technology.

Adopted by the entire industry from day one

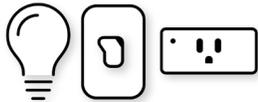
Unlike other standards that require new hardware cycles and long adoption curves, virtually every smart home is already ready for Matter devices. Major smart home ecosystems and device brands will support Matter on hubs, smart speakers, and devices already in millions of homes and on store shelves.

Build on proven, widely deployed technologies



Matter uses a common application layer and data model that delivers interoperability between devices allowing them to communicate with each other across multiple IP network technologies. At launch, Matter will run on Wi-Fi, Thread, and Ethernet network layers and use Bluetooth Low Energy for commissioning.

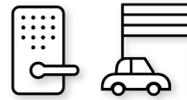
Devices supported by Matter at launch:



Lighting and Electrical



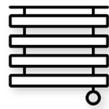
HVAC Controls



Access Control Products



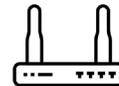
Safety and Security Sensors



Window Coverings and Shades



TVs



Access Points and Bridges

Members have already formed use case teams to define new device types to be supported in future iterations of the specification. Matter is an open standard, so any company can join the working group to contribute to expanding Matter to more device types.

Matter is a single protocol to connect compatible devices and systems with one another, taking a new development approach to create a **rapid, transformative impact** on the market.

Learn more at buildwithmatter.com.
Find out how to become a member at csa-iot.org today.

