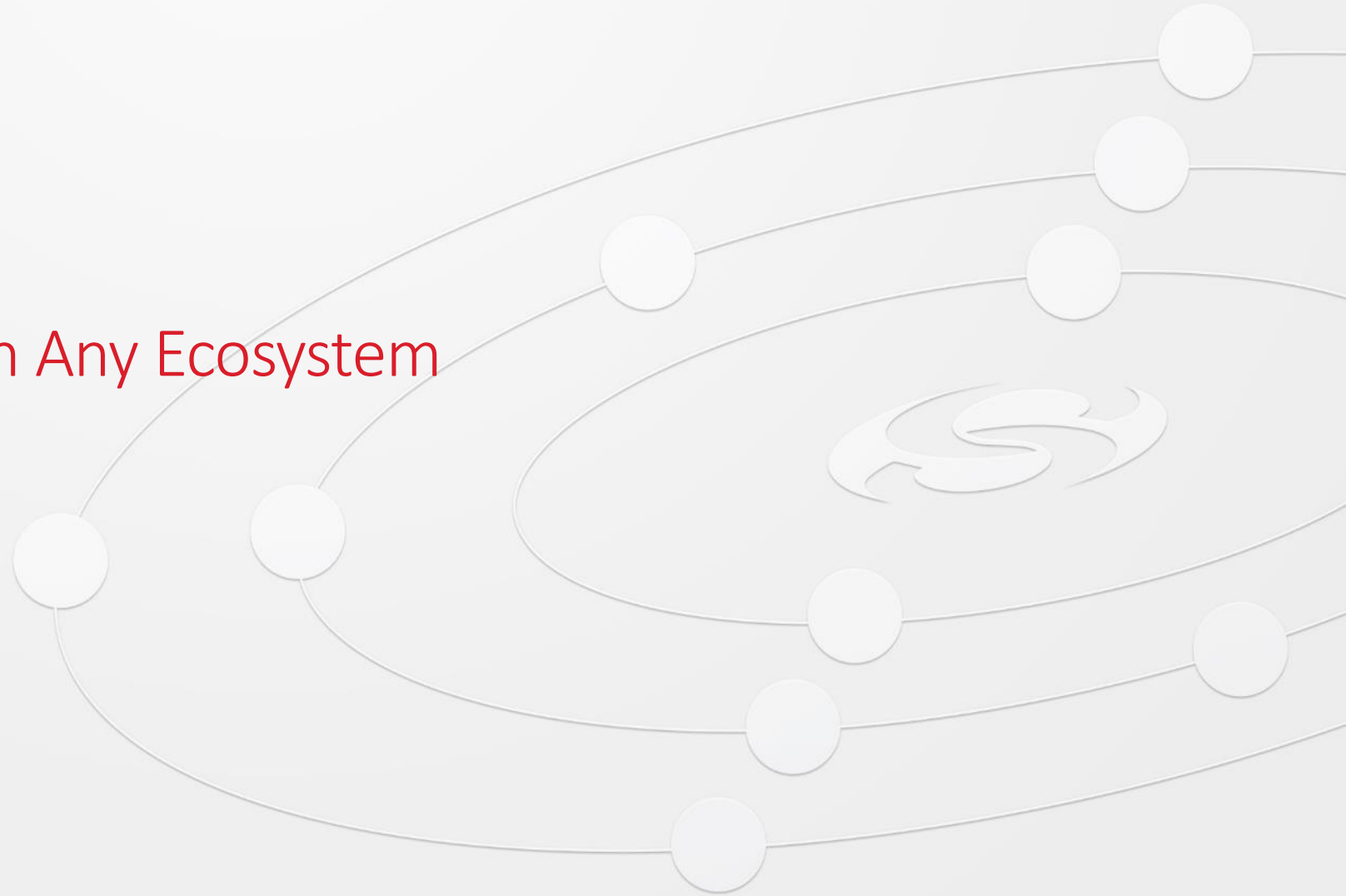




# Smart Home – Work With Any Ecosystem

WEBINAR, JUNE 2020



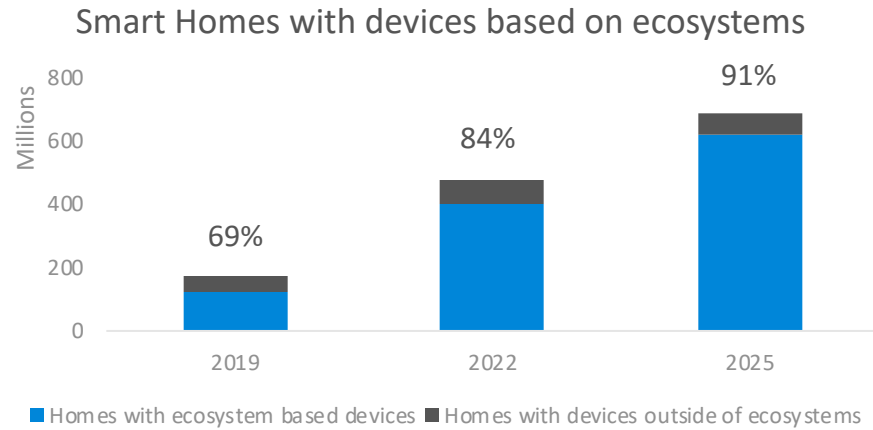


Combine powerful, efficient and secure hardware with flexible, easy-to-use software.

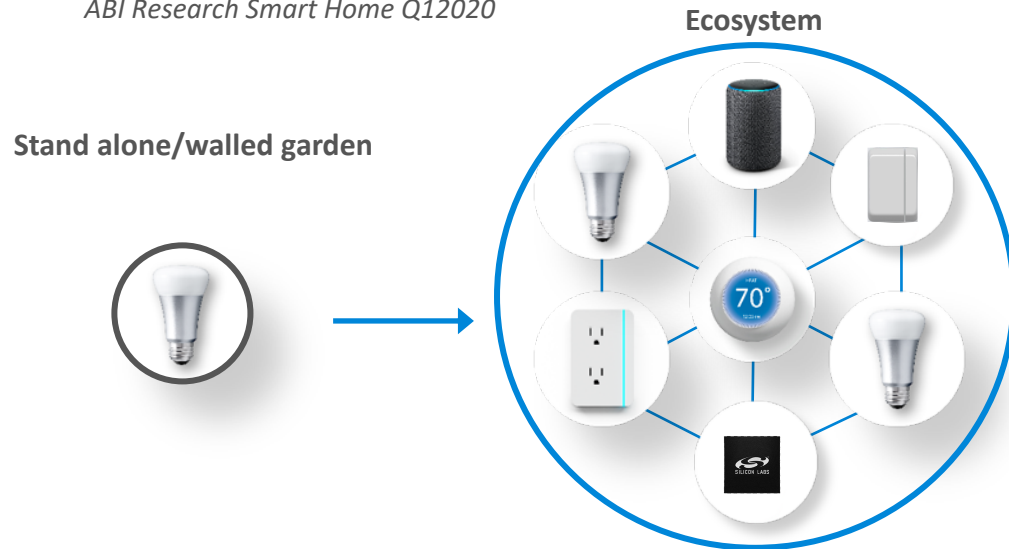
Our smart home wireless solutions work with any ecosystem and simplify IoT product design, allowing you to get to market and scale quickly.



# Scale Your Smart Home IoT Business Through Ecosystems

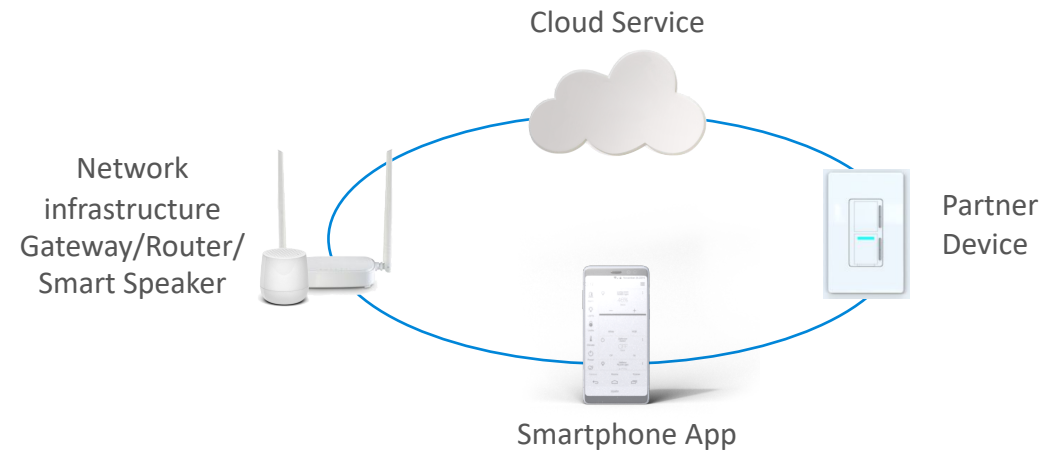


ABI Research Smart Home Q12020



## Leverage Ecosystem

- Partner up to develop system solution & services
- Focus on your expertise and differentiate
- Scale your resources
- Scale your business



# Silicon Labs enables you to Work With Any Ecosystem

## Wireless Integration



Wireless Technology

Wireless Stack/App

Wireless Certification

SoCs

Modules



Tools

Firmware

## Ecosystem Integration



Ecosystem Membership

Ecosystem Certification

Market Launch  
works with  
BY SILICON LABS

Higher Level Software  
GUI/End User Apps

Device Management  
Alliances/ Partnerships

## Ecosystem



“ We are delighted to collaborate with Silicon Labs in expanding the Friends of Hue program to enable battery-powered light switches into the Hue ecosystem, based on Zigbee technology for maximum reliability and interoperability.

Head of Partnerships | Signify

# Select Wireless Technology for Smart Home Ecosystem

## Local – Device to Device



- + Fast/low latency
- + Battery optimized
- + Robust large networks



## Ecosystem



## Cloud – Device to Cloud



- + Simple user experience
- + No smart home infrastructure required

# Silicon Labs Platform Solves Smart Home Device Needs



## Ecosystem Interoperability

- Ease of wireless and ecosystem certification
- Multiprotocol



## Robust RF performance

- 2.4 and sub-GHz
- Range
  - Optimum Output power
  - High Sensitivity
- Co-existence



## Low power performance

- Low sleep current
- Wake-up on sleep
- Low active current



## Form factor

- SoC optimized
- Application specific modules (ie. for lighting)
- Xpress modules for fast to market



## Cost optimized

- System solution reducing NRE
- Quality/Performance market validated solution reducing QA



## Secure

- Device level Secure Vault
- Wireless security



## Easy Commissioning

- BLE based via DMP
- Z-Wave SmartStart w/ QR



## Future-proof

- OTA
- Multiprotocol



## High temp. graded

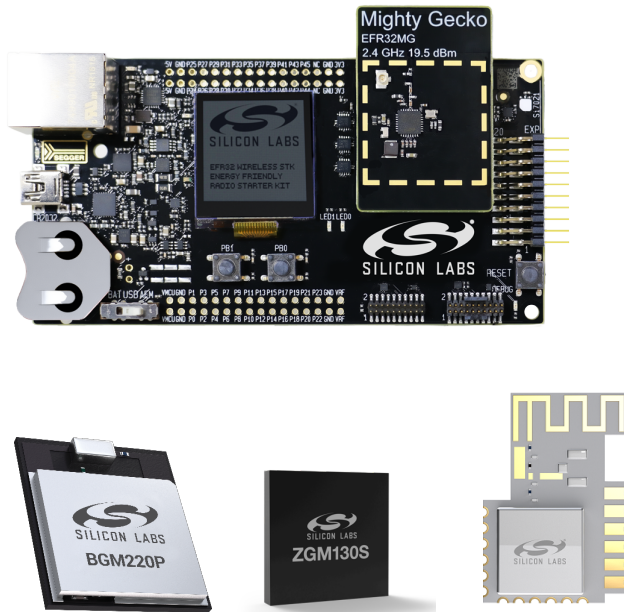
- 125° C

## IoT Wireless Combo SoC



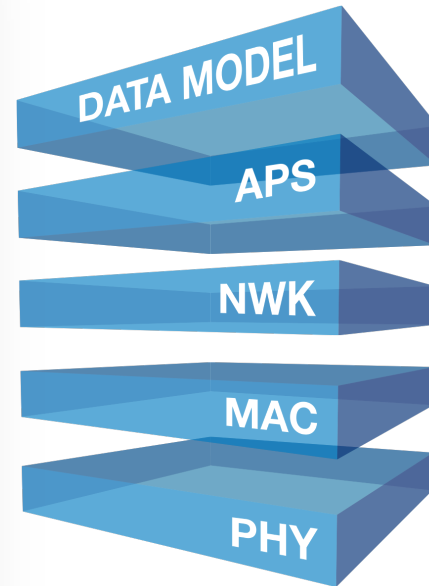
# Getting started with Smart Home Device Development

## SOCS AND MODULES



Start finding your solution here:  
[silabs.com/smarthome](https://silabs.com/smarthome)

## WIRELESS STACKS



All wireless stacks on common  
EFR32 software platform:  
Z-Wave, Zigbee, OpenThread, BLE,  
BLE Mesh, Wi-Fi, Connect

## DEVELOPMENT TOOLS



Simplicity Studio  
Packet Trace Interface  
Energy Profiler for visual analysis  
and much more



works with

BY SILICON LABS

SEPTEMBER 9–10, 2020 | VIRTUAL

[workswith.silabs.com](https://workswith.silabs.com)

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