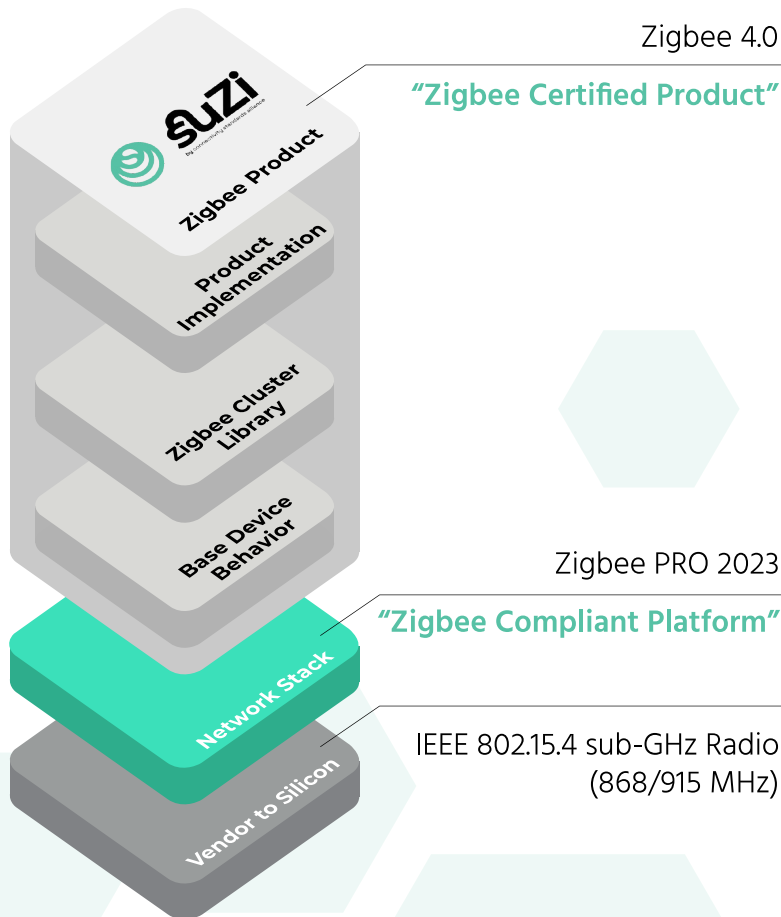




SuZi
by connectivity standards alliance

Long-Range, Low-Power Reliable IoT Mesh Solution

Suzi enables the Zigbee wireless protocol to operate in the sub-GHz frequency bands for North America and EU to provide extended-range, low-power mesh networking. By leveraging lower frequencies, Suzi delivers improved signal propagation, better penetration through walls and obstacles, and reduced interference compared to traditional 2.4 GHz networks. This makes it particularly well-suited for large-scale, industrial, utility, and outdoor IoT deployments where reliable long-range communication and energy efficiency are critical.



Extended Range

Suzi devices can deliver substantially improved range using fewer devices while passing through walls and obstacles more efficiently.

Enhanced Performance

Suzi delivers higher bandwidth in North America, lower latency, less interference with low-power, long-lasting devices.

Reliable Mesh

Mesh networking brings stability, long range, and fail-safe operation to IoT networks.

Open Standard

Standardized solution that provides a lower cost option, interoperability, and flexibility in hardware choice.

Certification Benefits

Recertification: Rapid Recertification and Fast-Track Programs

- Accelerated time to market
- Reduced recertification costs
- Streamlined recertification for updates
- Faster approval of firmware and feature releases
- Enables fully automated product and platform releases using Zigbee Unified Test Harness (ZUTH)

Certification:

- Automation with the Zigbee Unified Test Harness (ZUTH)



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Benefits and Uses

Suzi is a standardized, long-range mesh network that gives users the ability to expand the reach of their connected environments. It unlocks new applications and use cases in the residential, commercial and industrial spaces.

Commercial

Suzi excels in commercial building installations that cover large areas, multiple floors, and challenging RF environments by utilizing a long communication range, wall penetration, power efficiency, and true mesh networking.

Offices, Hotels, Etc.

HVAC, Lighting, Occupancy

Dense RF Environments

Energy Management Systems

Residential/Multi-Dwelling

Suzi improves the reach of your smart home network to the garage, outdoor spaces, and more by increasing the communication of devices and the reliability of the connection between them.

Property Security

Attics/Basements

Pools, Garages, Outdoor Lighting & Sensors

Industrial/Smart Cities

Suzi delivers the ability to incorporate new applications into industrial installations and solves common problems such as distance between routing devices and network reliability.

Factory Automation

Agricultural

Street Lighting

Remote Equipment Monitoring

Asset Tracking



Developers

- Address new use cases and deliver enhanced user experiences with long-range, low-power interoperability
- Build multi-vendor, standards-based solutions that bridge to existing devices and ecosystems



Installers

- Simplify large-property installs without extra routers while reducing common issues
- Expand long-range, low-interference solutions for more applications



End Users and Operators

- Expand smart devices to outdoor applications, full building security and large-scale use cases (commercial, smart grids/cities)
- Enable long-range connectivity without repeaters



connectivity
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alliance

Learn more at www.csa-iot.org/suzi and start building with Suzi today!