

A Complete Solution for IoT Cloud Connectivity

Develop Connected Products Quickly

A Joint Solution From...

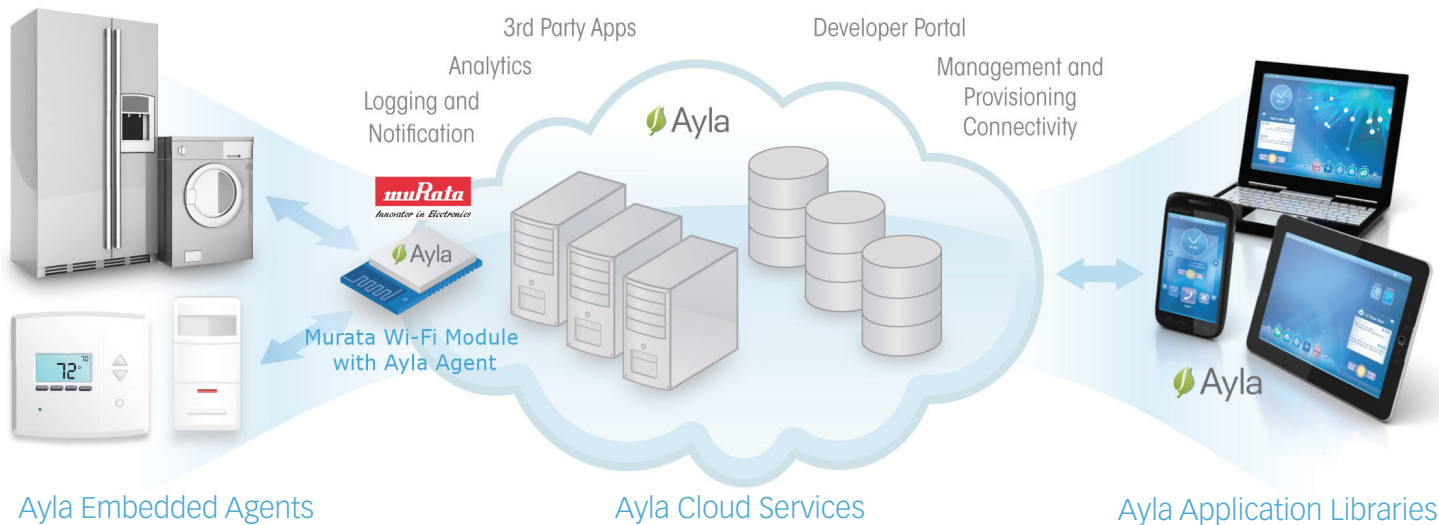


Ayla

IoT Cloud Platform



IoT Wi-Fi Modules



Ayla Networks has developed a comprehensive platform that transforms HVAC, appliances, lighting and other products into intelligent, interactive devices quickly, easily and economically. Ayla solutions combine innovative software and secure networking technologies with cloud-based platforms and data analysis services, and support best-in-class hardware from leading vendors such as Murata. The streamlined approach allows leading manufacturers to integrate Ayla connectivity into products without substantial design modifications or changes to existing business models, and in a way that consumers will understand and embrace.

The Ayla Platform is the new medium for IoT connectivity and data analytics. Manufacturers can manage their products in the field while consumers can interact with their devices through smartphones in a secure, user-friendly manner. With Ayla, the Internet of Things has evolved.



THE AYLA PLATFORM FEATURES

- End-to-end device connectivity and data collection
- Analyze device and user behavior data stores with built-in tools
- Add new product features leveraging cloud data such as location and weather
- Protect data integrity and privacy through 100% user authentication and encryption
- Customize multi-level, user access controls
- Roll out new features to products in the field with over-the-air firmware updates
- Manage users, device, and data with dashboard portal
- Full library support for Android, iOS, and web apps

THE AYLA PLATFORM BENEFITS

- Cut development costs and time by 50% compared to in-house development
- Lower ongoing support costs of data center networking, servers, and applications by 80%
- Reduce development project risk and schedule delays
- Build-in future proofing for deployment scale, system security, serviceability, data analytics, and automated operations
- Lifetime Internet connectivity for an economical, one-time fee (no recurring fee)





The Ayla Design Kit provides developers with a fast path to add smartphone and tablet-based control and monitoring to new and existing products. Leveraging ubiquitous Wi-Fi and the power of the Ayla Cloud, users can securely connect to their devices from anywhere with an Internet connection. We have worked with our partners to provide an out-of-box solution that includes a Wi-Fi module from Murata pre-loaded with Ayla's Embedded Agent, a STM32 Host Microcontroller from STMicroelectronics and a demo mobile app that enables you to quickly connect to Ayla's Cloud Services.

What Does The Ayla Design Kit Come With?

Hardware

- Murata Type YD Wi-Fi Module pre-loaded with Ayla's Embedded Agent
- STM32F3 Microcontroller from STMicroelectronics
- No socket programming
- No networking or cloud provisioning required
- Use the onboard prototyping headers to connect the kit to another microcontroller

Software

- Access to microcontroller driver source (typically 5-20KB)
- Demo applications
- Ayla Application Libraries enable you to build great apps and securely control your Ayla-enabled device
- Support for Android, iOS and web interfaces
- Leave the networking, security and authentication to us, simply focus on the UI

Developer Access

- Access to Ayla's Developer Portal
- Simple UI driven design
- Build or modify templates for your products in minutes
- Simply use the same named properties in your design, Ayla will take care of connecting the device and the cloud and keeping them in sync

Support

- Every Design Kit comes with Basic Support
- Documentation
- How-to guides
- Videos
- You can also sign up for a support package that meets your needs

Ayla Design Kits

Design Kits with the Murata Type YD Wi-Fi Module are available for designers to test drive the Ayla Platform. In just a few hours, a designer can register, set up and control parameters remotely, and start prototyping their cloud-connected devices.

Visit AylaNetworks.com to order.

About Ayla Networks

Ayla Networks is a leader in software and solutions for the Internet of Things. Based on the premise that everything works better on the Internet, the company has developed a highly configurable and secure end-to-end platform that allows manufacturers and service providers to turn home controls, HVAC, appliances, lighting and other products into intelligent devices that can collect information, be managed remotely, or perform tasks automatically on behalf of consumers and businesses. Headquartered in Sunnyvale, Calif., the company has partnered with major electronics manufacturers, leading venture capital firms and investors who share this vision. For more information, contact Ayla Networks at www.aylanetworks.com.