Ayla Networks

Wearables Use Case

Ayla enables manufacturers of wearables to create cloud-connected versions of their products

The Challenge

The wearable device market represents one of the quickest growing segments of the Internet of Things (IoT). From wearable fitness trackers to medical and healthcare monitors, devices are becoming cheaper and more powerful, contributing to double-digit growth.

All the while, providing end consumers with an increased amount of data on their health and wellness. Collecting consumer health and wellness data, and displaying it on a mobile device in a secure fashion is not an easy task. The ability to connect these wearable devices to a secure and scalable cloud is often beyond the scope of device manufacturers.

The Ayla Solution

Ayla enables wearable device manufacturers to create cloud-connected versions of their wearables that are part of the Internet of Things (IoT). The Ayla IoT Platform provides comprehensive device, cloud, and mobile app connectivity. It allows wearable device manufacturers to bring secure, reliable connected products to market quickly and easily, in a cost effective manner.

Connected wearable devices such as health monitoring devices generate operational data—specific to each product's performance—that can be analyzed and used to:

- Gather anonymized medical data for research purposes.
- Enable manufacturers to improve future versions of their wearable devices based on real-world knowledge of current products' performance.
- Offer premium services, such as in-depth reporting and analytics to enable lifestyle changes.

Benefits

Wearable consumer electronics manufacturers can:

- Monitor device usage and collect anonymized data.
- Update control parameters and fix software bugs using OTA updates.
- Set up custom text or email alerts based on health triggers.
- Diagnose device issues remotely.
- Offer additional value added services.

The Results

By leveraging the Ayla Platform, wearable device manufacturers are able to get their products to market quicker rather than completing IoT development themselves. The connected wearable device solutions "inherit" all the built-in advantages of the Ayla Platform, such as enterprise-class data privacy and security capabilities, including over-the-air (OTA) software updates.

Wearable device manufacturers can:

- Monitor device usage and collect anonymized data with customer approval.
- Reprogram control parameters, update firmware, and fix software bugs using OTA updates.
- Set up custom text or email alerts based off health triggers.
- Diagnose device issues remotely.
- Offer additional value added services, i.e. personal coaching.

Users of wearable devices leveraging the Ayla IoT Platform can use mobile or web-based management applications to:

- Remotely monitor loved one's vitals.
- Configure prompts based off activity levels.
- Compare wellness statistics to others/gamification.
- View alerts from the devices, using email and SMS.
- Automatically sync with the device when in range.
- Integrate with speech-based UI's like Apple's Siri.
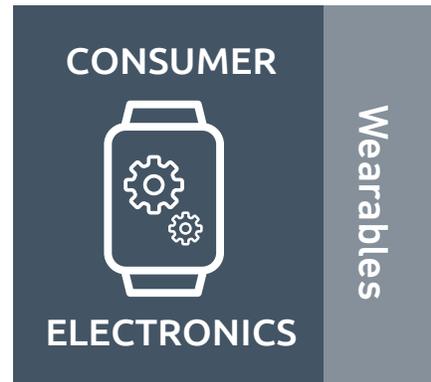
Ayla Networks

607 W. California Ave
Sunnyvale, CA 94086
USA

Tel 408 830-9844
Fax 408 716-2621
marketing@aylanetworks.com
www.aylanetworks.com
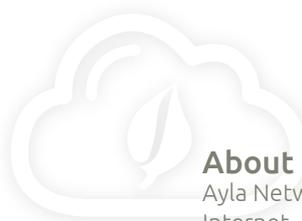
About Us

Ayla Networks is a leader in software and solutions that enable the Internet of Everything. Based on the premise that any device should be accessible from any location, the company has developed an end-to-end platform that allows any device to be managed remotely. 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.