



CONNECTED



HOME

Fire & Safety

Fire & Safety Use Case

Ayla enables manufacturers of fire and life safety systems to create cloud-connected versions of their products

The Challenge

Fire and life safety manufacturers are faced with a unique challenge; unlike the other consumer electronics found in the connected home, fire & life safety products need to be highly reliable and work every time as the use cases they are designed for are often a matter of life or death. The challenge becomes, how do you offer an innovative and reliable product that incorporates all of the benefits of the Internet of Things to remain competitive and still meet the cost and usability constraints common to any consumer product?

The Ayla Solution

The Ayla solution enables fire & life safety manufacturers to create cloud-connected versions of their products that are part of the Internet of Things (IoT). Ayla's Agile IoT Platform provides comprehensive device, cloud, and mobile app connectivity. It allows fire & life safety manufacturers to bring secure, reliable connected products to market quickly, easily, and cost-effectively.

Connected fire & life safety products generate operational data—specific to each product's performance—that can be analyzed and used to:

- Improve end users' experiences when using the product.
- Enable manufacturers to improve future versions of their fire & life safety products based on real-world knowledge of current products' performance.
- Offer value-added services, available only through the benefits offered by the Internet of Things.
- Allow manufacturers to continuously test their products to ensure they are operating as intended.

Benefits

Fire & life safety manufacturers and dealers can:

- Continuously optimize their products.
- Introduce new features.
- Monitor and self test their products to ensure reliability.
- Enable exclusive premium features and functionality.
- Offer an enhanced user experience through mobile apps.
- Integrate into other connected home systems.

The Results

Ayla's Agile IoT Platform provides manufacturers with the agility and flexibility needed to evolve with the changing market and, by allowing them to focus on their core competencies, implement a new technology to a mature market. By leveraging the out of the box features and functionality of Ayla's Agile IoT Platform, as opposed to building it all themselves in-house, manufacturers can get products to market quickly while ensuring their reliability.

Fire & life safety manufacturers and dealers can:

- **Continuously optimize their products and introduce new features even after deployment.**
- **Monitor and self test their products to ensure reliability and alert the user of any problems.**
- **Enable premium features and functionality not found in legacy fire & life safety products and that are only available through the flexibility offered by IoT.**
- **Offer a better user experience by moving the main point of interaction from the device itself to a mobile device.**
- **Integrate into other connected home systems, offering more robust functionality.**

Users of the connected fire & life safety product using Ayla IoT technology can use mobile or web-based management applications to:

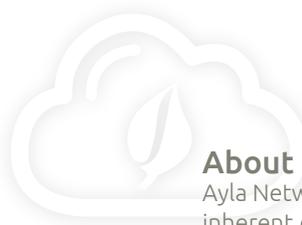
- **Send and receive custom alerts.**
- **Monitor and control their systems, remotely.**
- **IoT enable existing fire & life safety products.**
- **Better identify the type of emergency and where it is.**
- **Implement role based access control for personalized user profile settings.**



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About Us

Ayla Networks empowers leading manufacturers by simplifying the inherent complexity of the Internet of Things (IoT), enabling them to turn their products into smart connected systems and transform their businesses to compete in the game-changing world of connectivity. Delivered as a cloud platform-as-a-service (PaaS), Ayla's IoT platform provides the flexibility and modularity to enable rapid changes to practically any type of device, cloud or app environment.

For more information, contact Ayla Networks at www.aylanetworks.com.