



ZIGRON

Connected
Application
Experts

CASE STUDY

ABODE: Making a home security start up successful through IoT application

ABOUT ZIGRON

Zigron is a US based company with offices in Northern VA and Pittsburg PA. It also has facility along with a world class infrastructure in Islamabad Pakistan. Zigron specializes in Cloud and SaaS based solutions, Big Data Analytics, New Platform/Product Development, Rich User Experience, Application Modernization/Unification and AdvancedData Visualization in Telecom/M2M/Networks.

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PROBLEM STATEMENT

Abode, a home security and automation company wanted to build the ultimate home security solution which would put home owners and renters in complete control of their home security on-the-go. The biggest challenge was to keep the solution simple and self-manageable yet powerful. This required designing a highly sophisticated IoT and Analytics based architecture consisting of multiple devices and OEM sensors integrated together to form the most advanced and fool-proof home security application, and then offering all the functionality in the form of a simple, user friendly interface.



OUR SOLUTION

Zigron's Development team developed and designed a professional-grade DIY Home Security and Automation System by offering web and mobile-based applications with simple, intuitive and user-friendly interface. The solution included Proprietary Universal Gateway Implementation, Streaming Solution for IP Cameras and other "Smart" devices, and IFTTT integrations with services like ECHO, Alexa, HUE and NEST. The second part of the solution relied upon data analytics to indicate patterns and trends like active hours, weakly secured areas, potential security threats etc. The overall architecture and design was kept fully future-proof to support future upgrades.



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