IoT System Design

Connected products include physical devices, user interfaces (web, mobile, voice), cloud infrastructure, and business interfaces (analytics, support tools, and more). These products are developed, marketed, and serviced by a broad ecosystem of business and technical teams, both internal & external to the organization.

Building a successful connected product requires a holistic approach to system design and architecture. Defining the goals and objectives of the overall system design and the domain-specific architecture(s) such as embedded, cloud, mobile, and voice in advance of the development will accelerate time-to-market and preserve precious resources.

Approach

We will conduct a series of full-day workshop-style meetings with your Business & Engineering Stakeholders. These interactive meetings will discuss, develop, and document the product vision and infrastructure needed to meet your product or service's business requirements.

Deliverables

Our IoT System Design service provides you with a documented and detailed end-to-end system design plan for an IoT product or service that will guide you to next steps. The plan defines the IoT architecture, modules, interfaces, and functionality that satisfy your product or service's business requirements. Areas to be included in the documented plan are:

- Product Plan (Vision, personas, user journey map)
- Product Roadmap & MVP Development Path
- Recommendations for System Design including System Block Diagram, Component Catalog, Application Programming Interfaces, Data Types
- System Architecture
- Development Approach - Description

About SpinDance


IoT Training


IoT Organizational System & Software Assessments


Embedded Firmware Architecture & Development


Cloud Software Architecture & Development


Mobile Software Architecture & Development


Web Application Architecture & Development


Machine Learning System Architecture & Development


IoT Software Maintenance


Voice Software Architecture & Development