

ISA.100

IoT Solution

Initial System Analysis



Service name:

ISA.100 IoT Solution Initial System Analysis

Deliverables:

Customer Specific Product Requirements Document

Detailed Architecture Diagrams for Security, Connectivity and Device Management

Duration:

4 days

What is the problem or concern we are addressing?

You want to build a connected product that has some form of communications technology inside. Every solution with a sensor, radio or interface needs the correct antenna, hardware and firmware to sense, compute and communicate data securely. This service helps understand what requirements your solution has. Factors like security, real-time performance, power, cost, weight, size, certifications, manufacturing complexity, remote upgradability, remote configurability, product life cycle management and reliability all contribute to determining the starting point for the solution.



The Process:

Taoglas will review your solution requirements to understand your design priorities. Once we understand your product use case and high-level requirements then we'll need to meet with you and your team to discuss detailed requirements.

We'll help you define clear detailed requirements to produce a product definition document to include:

- Product overview
- Communication Requirements
- Environmental Requirements
- Electrical Requirements
- Power requirements
- Security requirements
- User requirements
- Regulatory Requirements
- Certification Requirements
- Cloud Hosting and Application Requirements, if applicable
- Bluetooth Application Requirements, if applicable

What does Taoglas need?

Mostly we will need to spend time discussing your solutions requirements and the collateral/artefacts required depend on where you are in the design. It depends on a greenfield or brownfield design situation and how much work has already been completed.

Service Delivery Objectives

A. High Level Requirements Documented