High Level Design for IoT Projects

Engineering and Integration Services

As the IoT market continues to grow, technology choices expand and you will need access to deeper engineering expertise to help plan, build, integrate and operate more complex solutions. Our M2M Connectivity engineering team can assist in navigating these challenges by using our proven methodology to fast track solution design, project delivery and meet your business needs. When you purchase this service, M2M Connectivity engineers will work with you and your organisation to complete a mutually agreed high-level design for your IoT project.

Service benefits

We help you to define the best-fit solution for your specific business requirements.

With the M2M High Level Design Service, you reduce operational and project risk, providing confidence in the best solution which is properly integrated into your existing environment. M2M Connectivity IoT engineers are highly skilled in IoT solutions. The High Level Design service provides multiple benefits to you by:

- Accelerating time-to-solution and time-to-operation.
- Reducing business risk and project costs by having access to M2M Connectivity engineers.
- Designing a tailored solution which meets your specific business requirements.

Services feature highlights

The first step in ensuring the success of your IoT project is to complete a High Level Design. Engaging the team at M2M Connectivity to work on this with you will provides the deliverables described in Table 1 below.

Table 1. Service features

Feature	Delivery Specifications
Documented Requirements:	• **Business:** What are the measures of a successful project? • **Functional:** What does the system need to do? • **Non-Functional:** How will the system perform and what will we specify for latency, availability and security objectives?
High Level Design:	• **Network:** Assessment of wireless network options; • **Data Collection:** Confirmation of the devices / sensors to be connected and the type and frequency of data generated; • **Platforms:** Identification of platforms used to ingest data and integration needs.
Preliminary Project Plan	• **Scope and Approach**: Confirm scope, key project milestones and timeframes, location details, acceptance testing criteria and approach, roles and responsibilities including installation options; • **Commercial**: Budgetary pricing for the hardware, software and services required to complete the project; • **Governance**: Identified risks and dependencies to manage during the project.

Next Steps

The High-level Design services will provide sufficient detail for you to make an informed GO / NO GO decision. For complex projects, the next step would be a Detailed-Design to confirm fixed price quote, detailed statement of work, support, managed service and warranty options.

For More information

For more information on M2M Services, contact any of our sales offices or visit our Web site at:
https://m2mconnectivity.com.au/services/