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## ***APPLICATION DEVELOPMENT IN INTERNET OF THINGS(IOT)***

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IoT application development enables you to gain more insight into your products using analytics and data to create new business models, generate more revenue, and deliver improved customer experiences. IoT applications development is also called M2M app development (Machine-to-Machine). Simply put, this is a system where devices exchange data without any person involved. They can be the systems of company security, 'smart house' systems or an accounting system for a logistics company.

### ***STEPS IN IOT APPLICATION DEVELOPMENT***

- Choosing an IOT platform
- Selecting the hardware
- Factoring in scalability
- Engineering low latency
- Ensuring app security

### **CASE STUDY - : ( *ENVIRO-CONTROL* )**

Enviro-Controls provides a complete end-to-end Internet of Things (IoT) solution delivered as a Managed Services offering. Enviro-Controls first works with each customer using its proprietary IoT Business Transformation System. This system determines the customer's business pain points that are solvable by IoT, as well as the financial business case. EnviroControls then deploys a customized IoT network for each customer. Customers pay a simple monthly fee based on the number and types of IoT sensors used.

### **CHALLENGES**

Enviro-Controls saw several opportunities in addressing the challenge:

- Customizing the customer's IoT deployment to meet their exact needs

- Addressing many different industries using a flexible IoT architecture
- Reducing customer costs by 50%
- Decreasing IoT deployment times by 90%
- Eliminating the need for customers to add new IoT staff and/or skills in order to operate their network

## **SOLUTION**

To reduce the risk and cost to clients in the deployment phase of their IoT journey, EnviroControls partnered with New Boundary Technologies to offer its RemoteAware™ IoT Platform to Enviro-Controls clients.

These are the key benefits that the RemoteAware platform delivers:

- Enviro-Controls and their customers don't need internal or contracted programmers to develop their IoT applications. Instead they can focus on innovating in their core competency.
- Enviro-Controls deploys IoT applications using the RemoteAware application service and Monnit wireless sensors under their Enviro-Controls IoT Smart Overlay branding. The RemoteAware software platform can also be private label branded for Enviro-Controls' customers if needed.

## **RESULTS**

Enviro-Controls is now offering the IoT Smart Overlay to customers in many industries. As a Verizon Partner, Enviro-Controls is working alongside New Boundary staff to identify customer requirements and configure IoT Smart Overlay deployments that specifically address customer's IoT needs.

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