

## CASE STUDY: ITRON

# Developing a Smart Energy System Using Agile Methodologies

### AT A GLANCE

#### Challenges

- Aggressive Timelines
- Complex Systems
- Closed Data Gathering
- Limited Consumer Service

#### Methods

- Modern Agile Practices
- Software Development Kit
- Xamarian.Forms
- ASP.NET
- C# Libraries



### OBJECTIVES

As part of an ongoing evolution of their method for retrieving data from their metering equipment, Itron partnered with IntelliTect to create a software development kit (SDK) that can interact with their Institute of Electrical and Electronics Engineers (IEEE) 2030.5 Smart Energy Profile metering equipment. Smart Energy is the leading standard for interoperable products that monitor, control, inform, and automate energy, gas, and water delivery and usage.

### SOLUTIONS

IntelliTect's team of expert developers provided software architecture and technical leadership using modern agile methodologies to address the complications of the 2030.5 security's limited compatibility and allow for the development of modern apps. The SDK architected by IntelliTect's team provides user-friendly solutions security and other high-level tools to develop and test cross-platform IEEE 2030.5 compliant applications.

### BENEFITS



#### Exceeded Client Expectations

IntelliTect successfully designed and developed the SDK for Itron, allowing the tech mogul to provide their client, Xcel, the resources to jump-start creating apps for their customers.



#### Stayed on Budget

Collaboration and support from the IntelliTect team allowed Itron to improve their client app, stay on budget for the SDK deliverables, and exceed high expectations for the project.



#### Long-term Efficiency

IntelliTect's team supports Itron through SDK workshops, architectural guidance and module development, ensuring the stability of the updated IEEE 2030.5 system.

“ Interaction with Xcel, Itron, and our partners was continual over a four-month period. The results were a huge success. ”

Vice President Solutions Delivery  
Itron

IntelliTect

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