

Sensus Metering Systems, Inc.

## Quality Assurance Ensured by Prequel

---

***Certified Test System (CTS) was developed as an application to capture and store quality assurance test results for each water meter manufactured by Sensus in their Uniontown, PA assembly plant. Prequel has helped Sensus enhance the functionality of the CTS application a number of times over the years.***

---



### Overview

#### **Company Overview**

The Sensus Metering Systems Inc. companies are world-class providers of high-value metering and Automatic Meter Reading (AMR) solutions for water, gas, electric, and heat utilities as well as sub-metering entities worldwide. Additional linked businesses include IMSofTech, a provider of utility billing and enterprise management software; Smith-Blair, inc. a leading provider of pipe clamp and coupling products for the water, gas, and industrial markets; and Sensus Precision Die Casting that produces superior quality die castings.

#### **Business Challenge**

The Certified Test System (CTS) was developed to associate meter bodies and internal components into final serial numbered units, and to track and store test results in its database. A successful tool for Sensus, CTS required updates to support new initiatives and support growth of the organization. The internal owners of CTS, the Engineering group, did not have development resources on staff to address these needs. Prequel was called upon to assist Sensus in addressing these enhancements, which had to be completed without affecting Sensus' current client base.

#### **The Solution**

Prequel has helped Sensus enhance the functionality of the CTS application a number of times over the years, most recently to support the introduction of a programmable register into Sensus meters. Programmable registers allow Sensus customers to specify items such as flow rate measurement for their meters and program a customer name into a meter at the time of assembly. In addition to manufacturing applications, Prequels has also helped the Sensus team develop an Internet web-browser version of their AMR customer support tool.

#### **Profile**

Sensus Metering Systems is a global enterprise that specializes in supplying metering, automatic meter reading, and sub-metering products to customers world wide.

#### **Business Need**

Sensus needed a technology partner that could address the technical requirements associated with enhancement to a legacy system.

#### **Benefits**

The Sensus CTS application was modified to address maintenance concerns as well as to provide further functionality that would directly benefit Sensus' customers.

#### **Technology Services Provided**

Application development services

AMR support personnel use this application to track trouble tickets placed by Sensus customers and provide efficient responses to customer service issues. Finally, as a result of Prequel's efforts, CTS was modified to allow integration with Sensus' current AS/400 environment.

## ***Benefits***

The enhancements to CTS and the AMR internet Web Browser application were both made in consideration of Sensus' customers. Improvements to CTS ensured new and continued quality assurance, a standard on which Sensus' customers have come to rely. Web enablement of the AMR customer support tool provided customers with further assurance that their issues would be handled in an efficient and timely manner.

---

## ***For More Information***

For more information about Prequel Solutions call us at 724.820.1575

visit us on the web at: [www.prequelsolutions.com](http://www.prequelsolutions.com)

or email [info@prequelsolutions.com](mailto:info@prequelsolutions.com)

© Prequel Solutions, LLC All rights reserved.

This document is for informational purposes only. PREQUEL SOLUTIONS MAKES NO WARRANTIES, EXPRESS OR IMPLIED, IN THIS SUMMARY. The names of actual companies and products mentioned herein may be the trademarks of their respective owners.