

DeKalb County, GA - Water Meter Replacement & Installation



DeKalb County
G E O R G I A

PROJECT SOLUTIONS

- Sensus water meter deployment
- Sensus MXU endpoint installation and integration
- Fixed-network Advanced Metering Infrastructure (AMI)
- GPS-enabled asset tracking and field data collection
- Utility billing system integration and data migration
- Dedicated program and construction management

PROJECT DRIVERS

- Replace aging water meter infrastructure
- Improve meter accuracy and billing reliability
- Reduce water loss and identify leaks faster
- Modernize legacy metering technology
- Increase operational efficiency through automation

BY THE NUMBERS



49 MONTHS
PROJECT
DURATION



150,000
WATER
METERS



11M
CONTRACT
VALUE

PROJECT SUMMARY

Envocore partnered with DeKalb County Watershed Management to execute a countywide Advanced Metering Infrastructure (AMI) deployment, replacing and upgrading more than 150,000 water meters throughout the service area. The project included installation, rehabing residential service lines, and integration of Sensus water meters and Sensus Meter Interface Units (MXUs) into the County's existing communications network. Over the course of four years, the program encompassed high-volume residential and commercial meter installations, GPS-enabled asset tracking and integration with utility billing systems to ensure a seamless data transition and enhanced customer service. Completed on time and within budget, the project delivered significant improvements in meter reading accuracy, leak detection capabilities, and overall system monitoring and operational efficiency.

Fun Fact: AMI technology enables utilities to collect meter data remotely, eliminating the need for manual meter reads while providing near real-time visibility into water usage.