

City of O'Fallon, Missouri

Automated Meter Infrastructure

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Client Background

Located approximately 30 miles west of St. Louis, the City of O'Fallon, Missouri, serves a growing population of 76,000 residents. The city is committed to meeting the needs of its citizens in a positive, timely manner, and to providing quality services.

The City of O'Fallon engaged Siemens Industry, Inc., in 2010 to help improve the accuracy and reliability of its water meter reading system.

Objectives

The City of O'Fallon established the following goals for this project:

- Install more accurate, reliable water meters
- Improve the efficiency of water meter infrastructure and remove vehicles from the road
- Improve water billing customer service
- Reduce the cost of reading water meters manually
- Drive additional revenue for the city

Siemens Solutions

To address the City's goals for the new water meter reading system, Siemens is implementing a new automated meter infrastructure (AMI) system throughout the city, encompassing more than 11,500 total radio-read meters. In addition:

- The first major deployment of an innovative new magnetic flow water meter technology in the nation.
- The system includes three tower gateway base stations and two network portals.
- Siemens provides software interface training for water billing staff, who are successfully using the utility billing integration.

Customer Results

Siemens estimates the following results for the City of O'Fallon:

- More than \$1.7 million in additional revenue and operating savings after 15 years
- More than \$6.9 million in additional revenue and operating savings after 20 years

The new meters' duty cycle is longer than 20 years.



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