



Ward AFMS Case Study

Ward Fuel Management System Improves San Antonio Water System Fuel Management Program



San Antonio Water System (SAWS) has a fleet of more than 1,100 vehicles and six refueling locations. To monitor fuel use and vehicle maintenance for the fleet, SAWS has relied on a Ward fuel management system for more than 20 years. In 2008 SAWS updated the Ward fuel management system to improve driver accountability, maintenance and vehicle performance.

Challenge

A primary challenge that faced SAWS was their current Ward automated fuel management system which was implemented in the 1980's was in need of replacement. The Ward Automated Fuel Management System (AFMS) still functioned well, but after decades of reliable use, SAWS thought it was time to upgrade the system to utilize the latest fuel management technology.

Solution

SAWS sought to eliminate driver errors through a more updated fuel management system. As a result, SAWS sought bids for a new automated fuel management system. SAWS selected the Ward Automated Fuel Management System (Ward AFMS). The new fuel management system incorporates wireless technology and radio frequency identification, completely replacing the previous fuel management system, and may eventually interact with GPS technology in vehicles.

Results

When SAWS drivers refuel at the water system's fueling stations, information about the vehicle's performance, such as odometer readings, automatically downloads to the Ward fuel control terminal. The Ward AFMS automatically authorizes vehicle fueling without the need for driver intervention, reducing driver error and preventing unauthorized or non-SAWS vehicle use. In addition, the Ward AFMS Fleet View software includes several new reporting options to help SAWS fleet management team monitor and track preventive maintenance on SAWS vehicles.

Customer Comment

"Since implementation last year, the new Ward automated fuel management system has noticeably improved SAWS fuel business processes and efficiencies, including accountability, security, and preventive maintenance."

Marty Martinez – SAWS Material Manager