Plumbing Construction Inventory and Labor Management System

New York, NY

Client **AWS Plumbing and Heating Corp.**

Problem

When the City of New York instituted an initiative to install low flow showerheads and toilets in buildings and apartments throughout the city, AWS Plumbing was selected to provide change-over services to replace thousands of obsolete showerheads and toilets. To effectively accomplish this daunting task, AWS needed to track:

- Labor resources
- Scheduling and accountability for site information such as date, installer name, project start and completion, accomplished tasks, etc.
- Productivity of installers completion rates

The company wanted to be able to capture the information in a cost effective, reliable, and efficient method.

Scope

Warshaw Group incorporated a point-of-work handheld software system that allowed AWS Plumbing to record pertinent job-related information at the work site on mobile computers.

Warshaw Group provided Mobile Validity® data collection software loaded on mobile pen tablets.

Solutions/Benefits

Warshaw Group's system was able to track and report on the productivity of individual plumbers which allowed managers to create a productivity incentive program. The software also allowed managers to query for information on:

- Number of accomplished tasks
- Number and type of installed fixtures
- Typical project features

This allowed for more accurate data collection, allocation of resources and higher productivity. The data collection technology was easy to deploy and use, resulting in cost and time saving for the company.