



## Client

New York City Transit, USA

# CASE STUDY

### Client Profile

*New York City Transit (NYCT) is one of the most extensive and complex public transportation systems in the world; operating bus and subway services throughout the five boroughs of New York City, 24 hours a day. NYCT has more buses than any other public agency in North America, and the largest subway car fleet anywhere. More than 6 million people use NYCT facilities everyday and almost 2 billion annually.*

### Customer Profile

*By investing in Aurigo AMP3's robust architecture, NYCT keeps its infrastructure in premium condition to handle the task of supplying transportation to 6 million people daily.*

### About Aurigo

*Aurigo Software Technologies is an enterprise technology company focused on providing capital improvement and mobile inspection solutions. With its award winning solution - AMP3, Aurigo is currently helping capital owners in the US deal with efficiently managing large, complex and multiple projects stay on track, saving countless hours and millions of dollars in time and productivity.*

### Contact Aurigo

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### The Challenge

To enable NYCT to continuously inspect and manage the condition of its subway station infrastructure, tracking, maintaining, and fixing issues in real-time.

NYCT takes pride in running a tight ship, which can be a daunting task in an organization of their size and complexity. Inspectors routinely check stations for a wide variety of issues using over 200 inspection forms to document and correct deficiencies. With all those forms, NYCT needed a flexible and cost effective solution to transition from paper to electronic data capture.

### The Solution

Aurigo AMP3

The Aurigo Mobile and Project Portfolio Platform (AMP3) System and technology framework was deployed at NYCT in 2002. Aurigo's Stations Electronic Data Capture System (SEDAC) solution, blends together the advanced technologies and workflow engine of AMP3 with the expertise of Aurigo's construction and project management professionals to create a powerful solution that saves NYCT significant time and money, day after day.

The paradigm shift to a mobile system takes more than just well developed forms, it takes a robust technology that can support effective and secure data entry in the field and deliver complex and accurate information to management while adequately addressing the inherent workflow involved in the inspection activities being performed. The Aurigo team understands these challenges and has worked closely with NYCT to identify issues and opportunities to ensure a successful migration to an electronic inspection and asset management system.

### Benefits

Real-time View, Robust, Scalable

The SEDAC system was designed to provide NYCT employees and the organization as a whole with immediate and tangible benefits, through elimination of redundant operations, standardization of data input, and improved accuracy without replacing their existing technological assets and architecture. Aurigo developed SEDAC using Microsoft's® .NET Framework to provide NYCT with the technological power that they needed, while working within their existing IT infrastructure.

SEDAC's seamless information flow from end users in the field to managers back at the office has eliminated delays in information processing and expedited necessary corrective actions when deficiencies are found during inspections. Together the Aurigo Team and NYCT have developed and deployed a solution that enabled a successful transition to the mobile paradigm.