Fortis
Consulting Services Corp.

COMPANY PROFILE

KEY PROJECTS

New York State Depa

Fortis was tasked to provide
controls over 250+ CCTVs, 1
NYS Agencies, with over

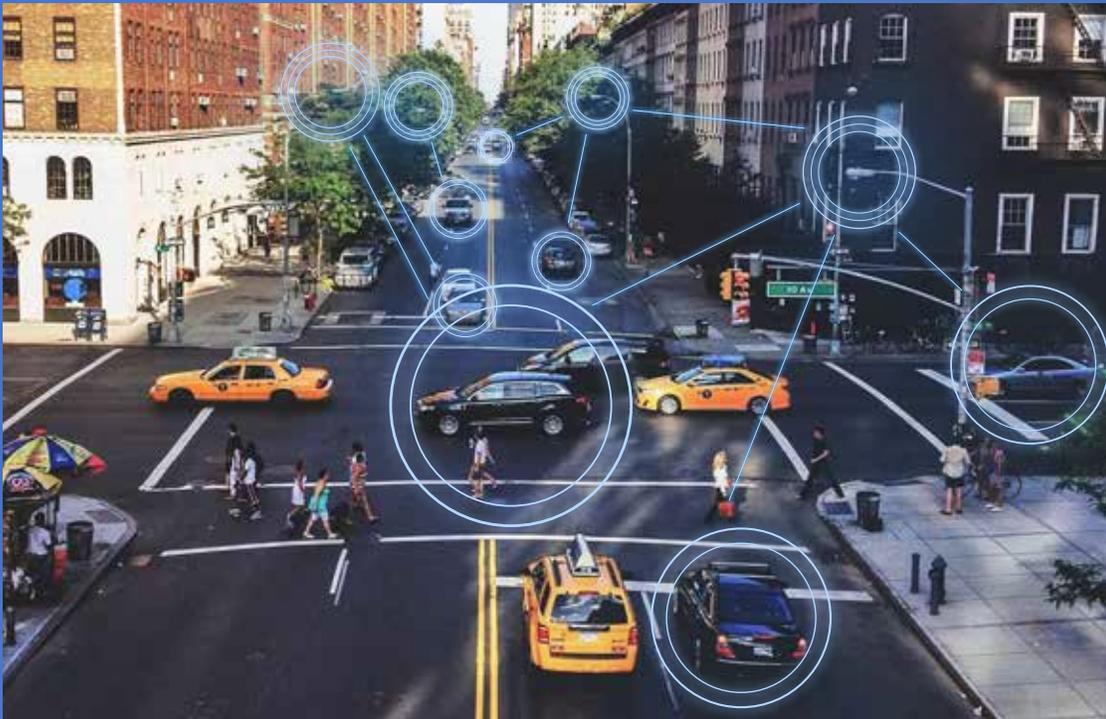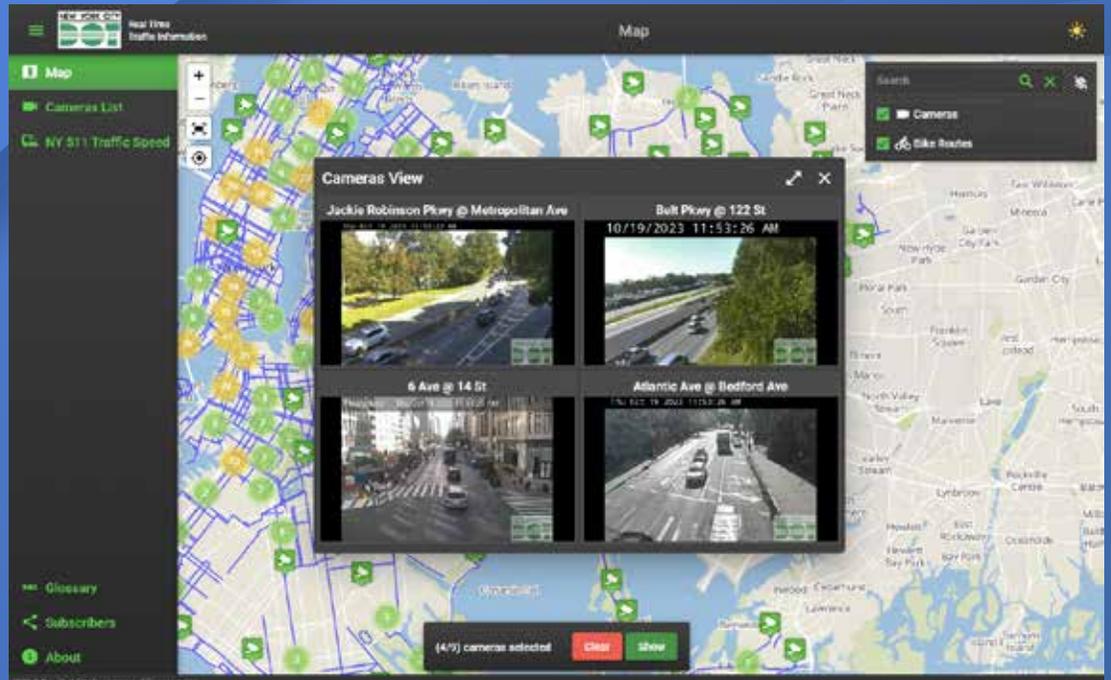## Connected Vehicles Assets Management System

CV-AMS improves the safety of travelers and pedestrians in New York City through the deployment of V2V, V2I and V2P connected vehicle technologies. The system is scalable and can accommodate from 10,000 to 1,000,000 vehicles.

New York City Department of Transportation Real Time Traffic Information

The Real Time Traffic Information (RTTI) portal allows the public, NYC DOT partner agencies, and media to view NYC DOT and NYS DOT CCTVs, provides tabular and geocoded map views, and the ability to create virtual video walls. The portal provides travel time and travel condition information in real-time. The portal includes information for cycling riders (NYC Bike Map, location of the bicycle parking racks, etc.) and a map of available electrical vehicle charging stations.
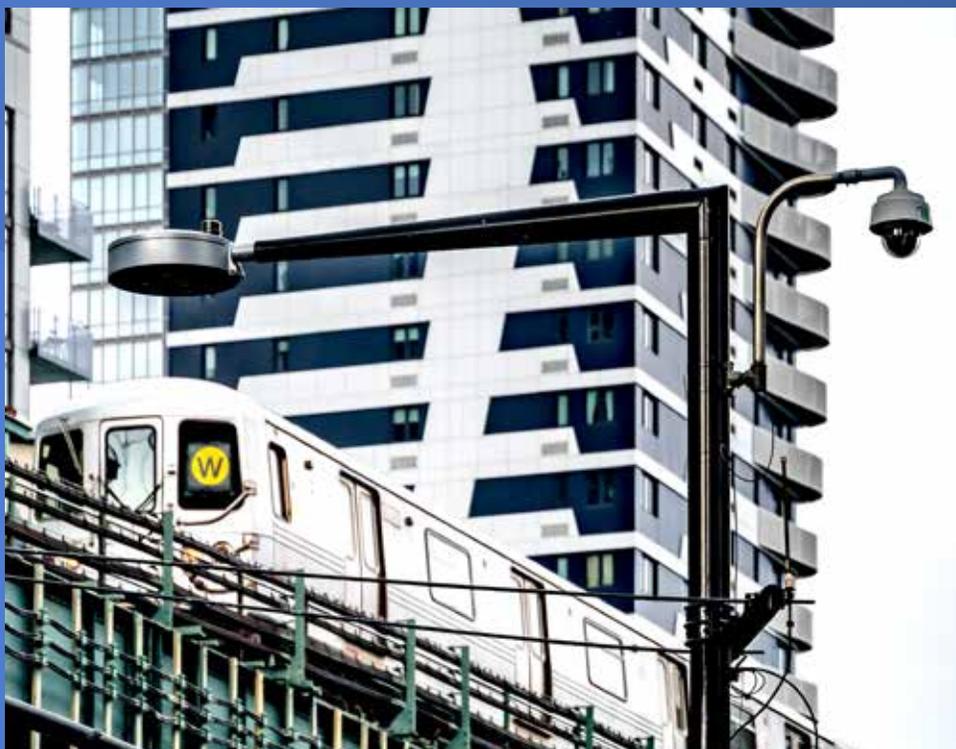
rtment of Transportation ATMS Systems - Design, Support and Maintenance

a Region-Wide Advanced Traffic Management System (ATMS) based on the "OPEK ITS Orchestrator™" platform. System 28 DMSs, PDMSs, Travel Time VMSs, 1000+ detector stations, and exchanges over 1000+ CCTVs between 17 NYC and 300+ simultaneous users. System compliant with the latest standards, including NTCIP, NEMA, and NIST.

Assets Management Portal

AMP was launched in 2017 at the NYC DOT and has provided advanced capabilities of managing, monitoring and tracking a multi-million array of assets as well as managing repairs and scheduling installations. As of 2021 the system manages more than 2 million IoT assets, ensuring quality of day-to-day operations and providing capabilities such as discovering and managing IoT devices in real-time from procurement to decommission. AMP includes customizable features such as Dashboards, Reports Builder, Alarms and Notifications Modules and Data Integrity and Encryption Modules. The system also provides a foundation for SMART City solutions.

PROJECTS

ITS Maintenance in Kings, New York (ES) and Richmond Counties, Region 11 – NYS DOT

ITS Maintenance in The Bronx, Queens, Region 11 – NYS DOT

Joint Traffic Management Center Operational Floor Upgrade – NYS DOT

Intelligent Transportation Systems (ITS) Network Design 5 NY Borough – NYS DOT

Bronx/Queens Over-Height Vehicle Detection (OHVD) project – NYS DOT

"Green" Data Center Initiative – NYS DOT

Regional Video Sharing Initiative – NYC DOT, NYS DOT, MTA Bridges and Tunnels

NYC Video Sharing Initiative – NYC DOT, NYPD, NYFD, DSNY, NYC Mayor's Office of Operations, NYCEM, NYC Media, NYC DOI, MTA B&T, PANYNJ

Assets Management Portal (AMP) - Region 8 – NYS DOT

Assets Management System - NYC DOE

Assets Management Portal (AMP) Region 11 – NYS DOT

Video Management System, design, implementation and maintenance – Region 11 – NYS DOT

Video Wall Upgrade – NYS DOT JTMC

Video Management System, design, implementation and maintenance – NYC DOT

Video Wall Upgrade – NYC DOT TMC

Assets Management Portal for Pedestrian Ramps – NYC DOT

Connection Management Portal (CMP) – NYC DOT

Help Desk Management Portal (HDP) – NYS DOT

Corroded Poles Inspection Module – NYC DOT

Street Lighting Management Portal (SLMP) – NYC DOT

Network Management Portal (NMP) – NYS DOT

Network Management Portal (NMP) with wireless monitoring – NYC DOT

Building Access Monitoring Portal – NYS DOT

Environmental Management Portal – NYS DOT

Student Enrollment System – Clinton University

NYS DOT Region 11 ATMS – NYS DOT

Power Infrastructure Upgrade - SUNY Downstate Medical Center

SERVICES

SMART VIDEO MANAGEMENT SOLUTIONS

• Closed-Circuit Television (CCTV) Systems • Inter-Agency Video Exchange Systems • Public & Media Video Sharing Systems • Video Analitics Systems • Video and Infrastructure Management Systems •

SMART ENVIRONMENTAL SOLUTIONS

• Environmental Management Systems • IoT and ITS Environmental Management Systems • EV Charging Systems •

MOBILITY SOLUTIONS

• Advanced Traffic Management Systems (ATMS) • Transportation System Management and Operations (TSMO) based systems • Incident Management Systems (IMS) • Road Weather Information Systems (RWIS) •

AWARDS

NYC DOT Real Time Traffic Information (RTTI) Portal
"ITS NY PROJECT OF THE YEAR"
2023

IRF Global Road Achievement Awards
"Asset Preservation and Maintenance Mangement"
2021

Transportation Management Systems
"Project of the year"
2019

Innovative Transportation Systems
"Outstanding ITS Project"
2019

ABOUT US

Fortis Consulting Services Corp. provides strong, reliable and modern solutions for information technology management. With over 20 years of experience in a wide variety of industries, our staff members will help your business exceed its goals and generate value through the use of advanced technology.

Fortis Consulting Services Corp. provides program management, business metrics, transformation strategy, shared application management, and capacity management services. We also provide business intelligence, corporate information technology, regulatory compliance services, content management solutions, internet/intranet, portal solutions, and structured content management services.

Fortis Consulting Services Corp. is one of the world leading ITS/ATMS provider/integrators with a variety of innovative services related to different modes of transport and traffic management, smart city concepts and CV technologies.

ASSOCIATIONS

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