



Video Solutions for Security Professionals™

## CASE STUDY



### At a Glance:

#### Market:

Large Infrastructure

#### Location:

New Jersey

#### Application:

Nearly 6,000 Platinum Fixed Turret IP Cameras 2.1MP – 4mm installed at emission testing site

## *LTS IP Cameras Needed for Vehicle Emissions Testing*

### Introduction

When it comes to environmental air protection, vehicle emissions technology and comprehensive testing are very important. More than seven million vehicles are tested each year at 2,800 testing sites that offer comprehensive emissions programs. Most of the testing sites consist of government and regulator facilities. This specific project was for the entire state, the software company assigned to the project designed and installed motor vehicle emissions testing systems, and needed 5,838 surveillance cameras that offered clear images of the testing process. This is to ensure protocol is being followed properly and testing is being conducted safely.

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### Challenge

A strict budget and tight schedule were just the start of several challenges in this state project for the installer. The installer required an IP camera with primer night vision and superior performance handling contrast lighting conditions. The camera needed both Matrix IR and True WDR 120dB capabilities. Even though finding the right camera for the project presented a challenge, the most difficult part of this project was integrating the LTS cameras with the pre-existing unique emission testing system. They needed to ensure the forensic information from the camera was being safely recorded to their system. There was also a quick turnaround time since nearly 6,000 cameras needed to be ordered and pre-configured before being delivered in a three-month timeframe.

### Solution

With the help of LTS, the installer believed the Platinum Fixed Lens Turret IP Camera 2.1MP-4mm, CMIP3022W, would be best suited for this project. The cameras offered 4mm for a wide field of view, plus the best night vision with Matrix IR and True WDR 120dB capability for handling harsh lighting conditions. Since the cameras needed to be integrated with the current system, the LTS product manager and senior technician worked together with the software engineer to ensure the system was working properly. LTS customized the firmware for each camera for everything to function properly.

### Featured Products:

(CMIP3022W) Platinum  
Fixed Lens Turret IP Camera  
2.1MP – 4mm



### Results

In total, the project took three months to finish statewide. The installer and software company were satisfied that the cameras could capture the emissions testing process to make the environment safer.

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