



## Case Study: Denver RTD Bus Transit System, USA

### CHALLENGE

Seeking to maintain safety and security replace their aging analog-based system and reduce the manpower spent manually uploading video data.

The Denver Regional Transportation District (RTD) Transit Police Division installed Panasonic's new i-PRO Transit solution across its bus fleet. The solution includes durable Full HD 1080p and HD 720p network cameras inside and outside of each bus, integrated with other hardware and software components for recording, file transfer, viewing and management.

### SOLUTION

#### System Adoption Method and Effects

The Panasonic i-PRO Transit solution significantly enhances the RTD's investigative efficiency by automatically offloading video recordings and integrating them with various other video and audio sources to create a unified event timeline. Panasonic's market-leading i-PRO network cameras form the foundation of the solution. With HD 1080p (WV-SW158) and HD 720p (WV-SW155M) network cameras inside and outside of each bus, integrated with other hardware and software components for recording, file transfer, viewing and management, the system delivers an end-to-end mobile security solution for the growing transportation agency. Delivering improved video quality and clarity as well as wider fields of view, the cameras are also designed for use in a transit environment, and are engineered to withstand shocks and impacts as well as being IP66-rated water and dust resistant. Additionally, the in-vehicle recorders are equipped with anti-vibration mounts to ensure long-term performance, and cameras on bus exteriors are secured in shroud housings for added protection.

A key benefit of the solution is the ability for RTD staff to quickly and wirelessly offload flagged video files associated with specific incidents from the buses' in-vehicle recorders. This eliminates the need to manually offload data and search through files when investigating an incident, saving the agency significant time and costs.

### CUSTOMER COMMENT

With our former analog-based system, RTD Security had to physically retrieve hard drives from buses to investigate incidents an average of 25-30 times per day – a significant waste of time and resources. Video quality was also poor and sometimes unusable. Working with Panasonic, we developed a high-quality solution from the ground up to address these issues and more importantly, to ensure the security of our bus system for our 101 million passenger trips a year. Bob Grado Denver RTD Transit Police commander and manager of integrated security operations.



### SOLUTION

- Panasonic i-PRO Transit Solution
- i-PRO Network Cameras
  - Full HD 1080p WV-SW158
  - HD 720 WV-SW155M

#### About Panasonic i-PRO Sensing Solutions

Panasonic i-PRO Sensing Solutions was independent from Panasonic in 2019 to establish the Image Sensing Business. We are leading provider of integrated security and public safety solutions for companies and institutions of all sizes, including education, law enforcement, healthcare, transportation, municipalities, and many other sectors across the U.S. We offer a diversified portfolio of end-to-end imaging capture, security and evidence management solutions, that helps keep communities safe. Visit [security.us.panasonic.com](https://security.us.panasonic.com) for more information.