

LENDING A HELPING HAND TOWARDS A BRIGHTER FUTURE

— MVP TECH - CSR - CASE STUDY —

We genuinely believe in laying the foundation for future generations, which is why our team strived to deliver the best-in-class surveillance and video-supported security system for DCSN

The Organization

The Dubai Center for Special Needs (DCSN) emerged in the late 1970s from modest beginnings. Since the center's founding, the Board of Governors and administration have worked diligently towards improving child welfare to become the best Special Needs center in the region. The establishment's highly qualified team provides each student with tailored, multimodal education and rehabilitation.

“The Safety and well-being of students has always been a top priority at the center. MVP Tech approached us to install CCTV cameras for the buses for the better safety of the students. Team MVP Tech installed the cameras, provided training, and maintained the system.”

Dr. Mahshid Salehi
Director
Dubai Center for Special Needs

The Situation

Change is necessary for growth, and it became clear that DCSN could benefit from implementing a monitoring system in the bus fleet. Behavioral surveillance would grant the DCSN, parents, and guardians' confidence in the children's safety and security. Alongside championing the safety of those in their care, the DCSN recognized the importance of a system that would facilitate the assessment and prevention of potentially dangerous situations during bus trips.

The Rationale

MVP Tech's engineering capabilities include all aspects of design, integration, installation, operations, and maintenance. We believe in giving back to the community and having a positive impact on those who need it most. Going beyond the standards of corporate philanthropy and volunteering campaigns, MVP Tech aims to create an education legacy, which will enact social change for future generations. Being

involved with various CSR projects across the MENA region, we felt that Dubai Centre for Special Needs could truly benefit from our expertise in implementing the surveillance system and invited CommScope as a trusted partner in this initiative for supplying the wireless connectivity devices.

Commenting on the various CSR initiatives practiced by MVP Tech, Jurgen Herre, Regional Director of MVP Tech said, "MVP Tech has a passion for giving back to the communities. It gives us immense joy and pride to be involved in impactful CSR activities."

The Considerations

The initial assessment period included consideration of the following:

- ✓ Must enable real-time access to data and quick event investigations.
- ✓ Include security surveillance for high-quality video footage with auto-backup of events.
- ✓ To include a web-managed technology for 24-hour monitoring and real-time management to escape delays.

- ✓ Wi-Fi-enabled solution to allow for the quick transfer of large amounts of data.

The Intervention

After assessing considerations, needs, and requirements. MVP Tech, in partnership with CommsCope decided to apply a fleet-wide surveillance system. The Mobile DVR solution deployed includes video recording, providing the live location and realizing remote monitoring of the vehicle. Once there is wifi available, it automatically downloads video data in the management server with a specified date and time. Those functions and features mainly benefited DCSN in real-time management and monitoring, and post-event investigations to prevent any potentially hazardous incidents.

The MDVR solution consists of a vehicle terminal part, wireless transmission part and management centre part. The cameras installed on the buses were positioned for a view of the driver,

cabin, and door entrance. The system then transfers all the data via 3G / 4G in real-time and automatically downloads via Wi-Fi once the buses are inside the school premises.

The management centre uses a centralized and distributed system to allow users to monitor the vehicles via real-time video, allowing the school operations to review and download the data after installing the client software on a PC or Smartphone.

The offered solution included upgrading the center's IT infrastructure and servers in addition to providing necessary training and future maintenance of the system.

The Results

- ✓ Real-time monitoring and quick post-event investigations
- ✓ Ensuring Safety and Trust
- ✓ Emergency Response
- ✓ Driver Behavior Monitoring

The Conclusion

As summarized by Dr. Mahshid Salehi, Director of Dubai Center for Special Needs "The Safety and well-being of students have always been a top priority at the center. MVP Tech approached us to install CCTV cameras for the buses for the better safety of the students. Team MVP Tech installed the cameras, provided training, and maintained the system."

This solution allowed the DCSN to actively address safety and well-being concerns and solidified MVP Tech's endeavor to establish a high standard for its education legacy for future projects.

Our Partner

COMMSCOPE®

Product Implemented:
RUCKUS 901-T310-XX20

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wireless networks. CommScope's network solutions are essential to the world's critical communications infrastructure.

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Scan to watch MVP Tech's recent CSR initiatives to create a positive impact in the community