



“After installing 7Starlake’s 5G C-V2X Smart Traffic solution, complaints about falling events among standing passengers drastically dropped, and illegal parking was significantly decreased.”

Public Transit Organization  
in Southern Taiwan



# 7 StarLake 5G C-V2X Smart Traffic

Improving Public Safety  
with AI-Based Traffic  
Monitoring

The 7StarLake 5G C-V2X Smart Traffic solution leverages and integrates 5G connectivity, AIoT technology, and vehicle sensors to quickly capture data to monitor public safety and provide citizens or public officials with real-time road safety alerts. Data is gathered from vehicle cameras and lidar to track automobile and pedestrian movements in cityscapes. This data is computed and transmitted by an edge PC to the cloud. With firewall and AES decryption, the 7StarLake solution helps analyze data in the cloud to share insights on a dashboard that can be leveraged to make informed decisions regarding traffic management.

Key Features				
	Real-time Analytics and Dashboards	Traffic Monitoring	Driver Behavior Analysis	In-Vehicle Public Safety

**Verticals:**

- Transportation & Warehousing
- Government

**Country/Geo:**

APJ, Americas,  
Europe, Middle East,  
and Africa

**Learn more:**

- [7StarLake Website](#)
- [V2X Smart Traffic AI System Solution](#)

**Use Cases:**

- Situational Monitoring
- Environment Monitoring

- Intel Products and Technologies**
- [Intel® Core™ Processors Product Page](#)
  - [Intel® Xeon® Scalable Processors Product Page](#)
  - [Intel® Distribution of OpenVINO™ Toolkit Product Page](#)

