## **5G O-RAN:** A New Generation of Safe and Smart Transportation

## **5G Intelligent Transportation Platform**

Passenger safety is the most important task of public transportation. The integration of a 5G private network with mobile communications indoor coverage technology enables rail transportation operators to develop smart application services with safety as the priority, enhancing passenger comfort.



Key Technology (#) 5G O-RAN (#) Tunnel Mobile Signal Coverage (#) AI Real-Time Response System Technology Unit



## **Project Results**

**#First Case in Taiwan** | Through the integration of 5G system complete services in high-speed mobile application scenarios, trains traveling in tunnels at high speeds can also effectively receive 5G signals.

**#Passenger Safety Upgrade** | 5G technology can send real-time information back to AI to identify abnormal passenger movement, falling over, and fighting, ensuring the safety of passengers.