



# Virtual Control Centre

## It's innovation in motion.

The future of traffic operations control is here.

[rta.ae](http://rta.ae)

The Virtual Control Center (VCC) helps RTA with real-time monitoring and analysis tools for key road networks, utilizing HoloLens technology. This interactive platform bridges digital and physical monitoring, presenting crucial traffic data and insights via advanced visualization techniques, aiding in timely decision-making and efficient road management.

### Core capabilities of the platform

- 1. Next-Gen Data Visualization:** Engage with a dynamic visualization exhibiting real-time traffic data, enabling a comprehensive understanding of traffic flows and patterns.
- 2. Interactive Dashboards:** An intuitive interface that facilitates easy navigation through various data layers and analytical modules, ensuring a streamlined user experience.
- 3. Live Video Feed:** Access live video feeds directly on the map, providing a real-time visual of traffic conditions across the served locations.
- 4. Mixed Reality Application:** Harness the power of Mixed Reality through HoloLens and tablets, creating an immersive analytical environment that extends beyond traditional monitoring methods.
- 5. Voice Command and Gesture Control:** Utilize voice commands and gesture controls to interact with the system, promoting a hands-free and efficient operational workflow.

### Know more about our initiatives

GITEX 2023, Sheikh Saeed Hall, Dubai World Trade Centre.

16 - 20 October 2023