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challenging limits

Kapsch TrafficCom

Ohio 33 Smart Mobility Corridor (33 SMC).
Marysville, Ohio (USA).

The 33 SMC project envisions a connected transportation ecosystem by using connected technology to improve operations, safety, and mobility within the region around Columbus, Ohio.

The connected vehicle environment deployment occurs along the US Route 33 corridor and within the cities of Marysville and Dublin, providing both DSRC for in-vehicle and roadside services and a data platform for the management of technology, operations, maintenance and services.

The technical solution includes a cloud-based ecosystem for corridor management along with delivery and installation of roadside units (RSU) from multiple vendors. Twenty RSUs are supplied from Kapsch. More than 100 RSUs, including non-Kapsch RSUs, will be monitored using the Kapsch Connected Mobility Control Center (CMCC), which allows for monitoring

Technical Features.
- DSRC for in-vehicle and roadside services
- Data platform for program management
- Cloud-based ecosystem for corridor management
- Curve Speed Warning
- Intersection Safety Warning and Collision Avoidance (Red-Light Violation Warning)
- Pedestrian-in-Crosswalk Warning (PCW)
- Reduced Speed Zone Warning/ Lane Closure
- CMCC corridor management
- SCMS integration

Key Benefits.
- Improves corridor mobility
- Improves journeys of first responder incidents, making lifesaving services more efficient
- eWalk enables accessibility for visually-impaired pedestrians
- Emergency vehicle alerts increases awareness
- Corridor management simplifies operations and maintenance
- Freight mobility optimized

and control of a connected vehicle network. Kapsch worked closely with Integrity Security Services (ISS) to ensure security credential management system (SCMS) integration.

Product Highlights.

RIS-9160 Roadside Unit (RSU)
OmniAir® certified RSU enables interoperable V2X services

Connected Mobility Control Center (CMCC)
Enables efficient operations and maintenance, data collection, and multi-agency data sharing via a cloud-based platform

Connected Services
Operational connected services promote infrastructure use and service scalability

Kapsch TrafficCom

Kapsch TrafficCom is a globally renowned provider of transportation solutions for sustainable mobility.
Our innovative solutions in the application fields of Tolling, Traffic Management, Demand Management and Mobility Services contribute to a healthy world without congestion. We have brought projects to successful fruition in more than 50 countries around the globe.

With our one-stop solutions, we cover the entire value chain of our customers, from components and design to the implementation and operation of systems. As part of the Kapsch Group and headquartered in Vienna, Kapsch TrafficCom has subsidiaries and branches in more than 30 countries. It has been listed in the Prime Market of the Vienna Stock Exchange since 2007 (ticker symbol: KTCG). Kapsch TrafficCom's about 5,100 employees generated revenues of EUR 731 million in fiscal year 2019/20.

>>> www.kapsch.net

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