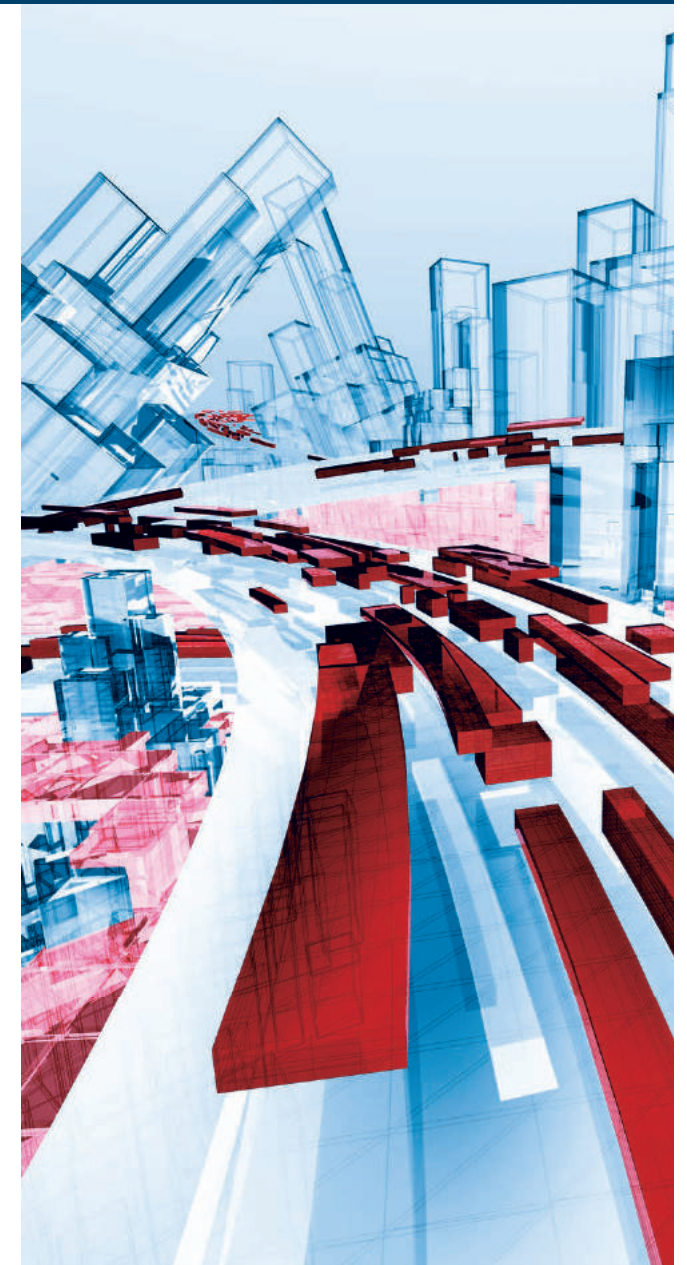




High Definition (HD) Mapping



Client:

RTA, Dubai

Key services provided

- Self Driving Transport Support
- Architecture and Framework Development
- Proof of Concepts

The Roads and Transport Authority in Dubai appointed Surface Mobility to develop policies, architecture, standards and specifications for the provision of High Definition Mapping which will assist in the implementation of Self-Driving transport in Dubai.

Surface Mobility are Project Managing the development of policies, architecture, standards and specifications for the provision of High Definition Mapping which will assist in the implementation of Self-Driving transport in Dubai.

Dubai RTA have identified HD maps are identified as a key enabler for Self Driving Transport, and a successful HD map deployment can be seen as a key enabler for Pilot Projects and demonstrations for EXPO2020 and also towards the vision of a self-driving future.

HD maps will enable prediction of the Self Driving Transport of future situations by knowing the detailed way ahead. Safety can be enhanced/ensured, and Ride comfort and therefore user acceptance can be increased by allowing predictive driving.