

Development of NTU/ NXP-Intelligent Transport Systems Test-Bed

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The Smart Mobility Test Bed (SMTB) is a flagship intelligent transportation system (ITS) project by the school of EEE and Dutch Semiconductor group NXP. This project aims to develop and implement a “live” campus wide V2X (Vehicle-to-Everything) technology enabled test-bed to advance the capabilities of ITS. A number of research areas such as V2X communication networks, security, data analytics, antenna and propagation and MIMO systems are being explored. Supported by the Economic Development Board (EDB), this project also paves the way to realize Singapore’s Smart Mobility 2030 vision to optimize transport systems and enhance commuter travel experience with the latest advancements in transport technologies.