



The Enterprise Mobility Solutions business of Motorola has announced the latest addition to its innovative Mesh Wide Area Network (MWAN) portfolio - the Vehicle Mounted Modem (VMM) 4300.

Designed to deliver wireless broadband connectivity at highway speeds, the company says the VMM 4300 provides public transportation organisations and public safety agencies with the opportunity to extend mobile applications and video to buses, trains, public works vehicles and police cars for increased productivity and improved safety.

The VMM 4300 solution leverages Motorola's field-proven MeshConnex routing technology and Opportunistic Radio Link Adaptation (ORLA) to enable reliable and secure mobile access to multiple voice, video and data applications, including advanced passenger information services.

Working in tandem with a well-designed MWAN 4300 network, Motorola says its solution can maintain reliable and secure multi-megabit connections to the train or bus, enabling advanced services that can help improve passenger safety, streamline the operations or enhance the passenger experience by offering WiFi connections during their daily commute.

Motorola says the VMM 4300 also meets the growing data needs of public safety personnel around the world.

For example, when deployed in police cars, data rates provided by the MWAN 4300 network far surpass those available through operator data cards, enabling new applications, such as streaming video from the moving vehicle or accessing real-time video surveillance footage for better situational awareness.

Motorola's VMM 4300 offers a high-powered radio that can be configured in a 5.8, 5.4 or 4.9 GHz band for wireless backhaul connectivity and easily installed in the trunk of a police car, providing megabit data connections even during high-speed manoeuvres.