

## Transportation Committee

Meeting date: January 13, 2014

For the Metropolitan Council meeting of January 22, 2014

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**Subject:** Sole Source Authorization to Procure Vehicle Area Network Routers for All Council Revenue and Transit Police Vehicles

**District(s), Member(s):** All

**Policy/Legal Reference:** Council Policy 3-3 Expenditures – Procurement of Goods and Services over \$500,000

**Staff Prepared/Presented:**

Brian Lamb, General Manager, 612-349-7510

Vince Pellegrin, Chief Operating Officer, 612-349-7511

Jan Homan, Deputy Chief Operating Officer, Bus 612-349-7514

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Pancho Henderson, IS Manager II, 651-602-1627

Paul Colton, Manager Fleet Services, 651-602-1668.

Micky Gutzmann, Director Contracts & Procurement, 651-602-1741

**Division/Department:** Metro Transit and Metropolitan Transportation Services

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### Proposed Action

That the Metropolitan Council authorize the Sole Source procurement of InMotion Technologies vehicle mobile gateway routers to be installed in each transit revenue, district supervisor and transit police vehicle. The estimate for this project is \$4,900,000 to equip approximately 2,100 vehicles.

### Background

Today, each Metro Transit/Metropolitan Transportation Services vehicle has a number of distinct information technology (IT) systems (Verint, TransitMaster, Cubic, Luminator) that have their own method of communication to central operational systems.

The Vehicle Area Network (VAN) will consolidate all of the current vehicle data systems onto a single network. This will enable the vehicles to communicate with central operations via a single, robust, high speed wireless connection.

### Rationale

This will simplify IT systems by reducing the number of radio modems, antennas and wireless access points; ease the maintenance of the network and; eliminate the use of 14 year old, unsupported Proxim wireless equipment. We will also provide real-time audio and video surveillance onto a bus when a Transit Police vehicle is in close proximity.

### Funding

The cost for the project is estimated at \$4,900,000. The Metro Transit portion is contained in the Capital Improvement Program in the amount of \$2,800,000 and the Metropolitan Transportation Services portion is contained in the Capital Improvement Program in the amount of \$2,100,000.

### Known Support / Opposition

No known opposition