

**Data**

- DMP's to be placed in Communication (Hub) Rooms.
- Assume one DMP per digital display. (confirm with IT)
- For design assumptions, use Cisco Interactive Experience Client 4650.

**Fare Systems**

Fare handling machines are proprietary equipment and will be provided and installed by the appropriate supplier. Consultants shall meet with GO Transit staff to ensure the required facilities needed to operate these machines, e.g., power, are provided.

The following equipment identified below are typical fare handling devices:

- "Interac", etc. (including data polling, Station Control Computer (SCC), Debit and Credit equipment)
- Smart Card equipment PRESTO
- Ticket Vending Machines (TVMs)

**PRESTO Overview**

Presto Fare Handling System is a smartcard-based fare payment system designed to support the use of one common fare card for fare payment on various participating public transit systems.

PRESTO equipment is proprietary, provided, and installed by the appropriate supplier, and comprises:

- SPOS (Station Point of Sale)—located on the Service Counters
- SFTP (Station Fare Transaction Processor)
- CQD (Card Query Device)
- HCR (Handheld Card Reader) and the HCR Cradles—located in Safety Systems Offices
- WAP (Wireless Access Points)—located at bus facilities
- CC (Concentrator Complex)—installed in main racks
- AVM's (Add Value Machines)

**Location**

Devices may be located either in the station building, on the platforms, at access points to platforms (tunnels, pedestrian bridges, walkways, stairs, ramps, etc)

**General Placement Criteria**

- Placement of devices and way-finding signage is site specific
- Devices shall be placed to avoid work within the Structure Clearance Envelope on/or beside Railway Track
- Bus Terminal locations require CQDs and SPOSs and TVM's; all fare collecting equipment is located on the bus
- Minimum clearance of 500 mm between two adjacent devices shall be maintained.
- Devices shall not impede accessible clearances and accessible routes.

**SFTP Placement Criteria**

- Devices shall be placed at all rail platform access points. Devices shall be placed maximum 75 m apart at locations with direct parking lot to rail platform access.
- Devices shall be placed along passenger natural flow, at clear and visible locations, and shall be readily accessible by Cardholders for fare payment.
- Remote locations shall be provided with two (2) devices on different circuits, to provide redundancy in case of power failure.

**CQD Placement Criteria**

- Shall be located outside the passenger flow, near TVM and/or Information Board/Digital Station Information Signs.

Refer to Standard Drawings for Presto System Architecture and installation details.

**Ticket Vending Machines (TVM) at Line Stations, Terminals and Carpool Lots****Placement Philosophy:**

- Each Rail Line Station and GO Bus Terminal shall provide, when possible a minimum of 2 TVM at the following mandatory locations