

TCRTA In-Bus Technology Specification

1. Fare Collection System

- a. Genfare Fast Fare
- b. Genfare Link

2. In-Bus Cellular Router

- a. Cradlepoint IBR1700 Series
- b. MC400 Modular Modem (Second SIM)
- c. Panorama 11 in 1 Dome Antenna

3. AVL Vehicle Logic Unit

- a. Vendor Dependent

4. Automated Voice Annunciation

- a. Hanover
 - i. Professionally recorded announcements (English and Spanish)
 - ii. Based on GTFS Feed

5. Next Stop Signs

- a. Hanover
 - i. 144x19 Amber Internal LED Sign

6. Automatic Passenger Counter

- a. IRMA Matrix (All passenger doors)

7. Tablet Mounting

- a. HiNT Mounting Hardware with integrated power

8. Destination Signs

- a. Hanover
 - i. White LED
 - ii. Front, Side, Rear

9. Infotainment Display

- a. Hanover
 - i. HTC Computer
 - ii. 21.5" Monitor

10. Video Security System

- a. Apollo RoadRunner 4K
 - i. 8-12 Cameras
 - ii. Wireless Download Capability