APTS01 - Transit Vehicle Tracking
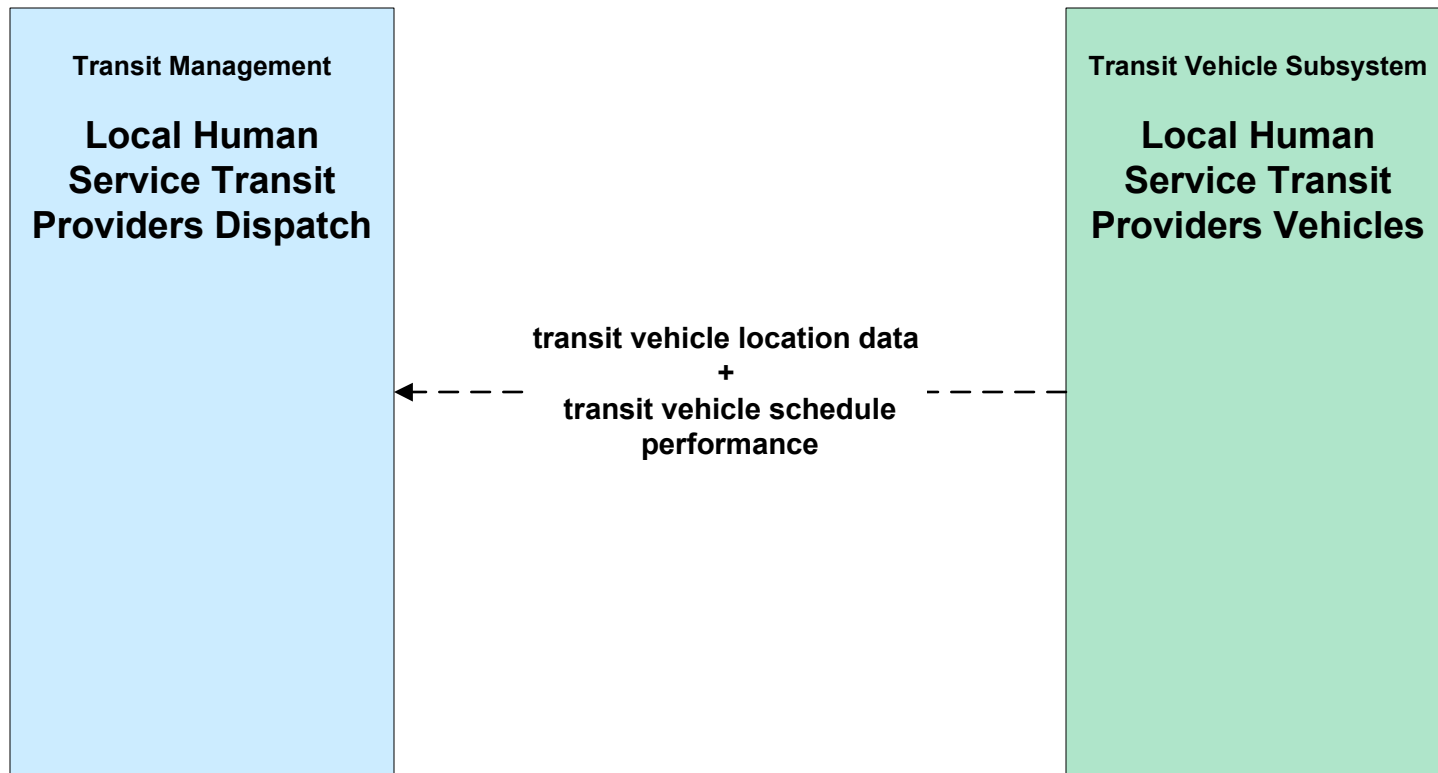## Local Human Service Transit

Transit Management

Local Human Service Transit Providers Dispatch

Transit Vehicle Subsystem

Local Human Service Transit Providers Vehicles

transit vehicle location data
+
transit vehicle schedule performance
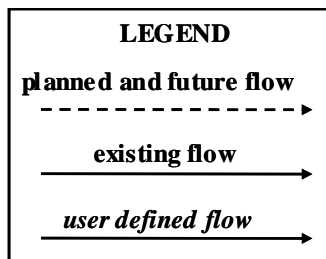
APTS03 - Demand Response Transit Operations
Local Human Service Transit

Traffic Management

**Local City/Town TMC
+
MassDOT -
Highway Division
HOC**

Transit Management

**Local Human
Service Transit
Providers
Dispatch**

Transit Vehicle Subsystem

**Local Human
Service Transit
Providers
Vehicles**

Transit Management

**MBTA Bus
Control Center
+
MBTA Commuter
Rail Control
Centers North
and South
+
MBTA Subway
Operations
Control Center**

road network conditions →

transit vehicle operator information →

← demand response passenger and use data

transit service coordination →

← transit service coordination

LEGEND

planned and future flow - - - - →

existing flow →

user defined flow →

APTS06 - Transit Vehicle Maintenance
Local Human Service Transit

Transit Management

**Local Human
Service Transit
Providers Dispatch**

‑ ‑ ‑ ‑ ‑ request for vehicle measures ‑ ‑ ‑ →

← ‑ ‑ ‑ ‑ ‑ transit vehicle conditions ‑ ‑ ‑ ‑ ‑

Transit Vehicle Subsystem

**Local Human
Service Transit
Providers Vehicles**

LEGEND

planned and future flow
‑ ‑ ‑ ‑ ‑ ‑ ‑ →

existing flow
——————→

user defined flow
——————→
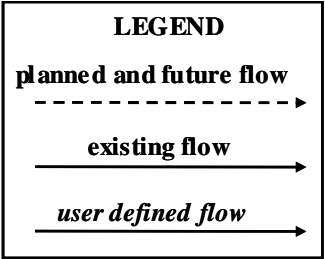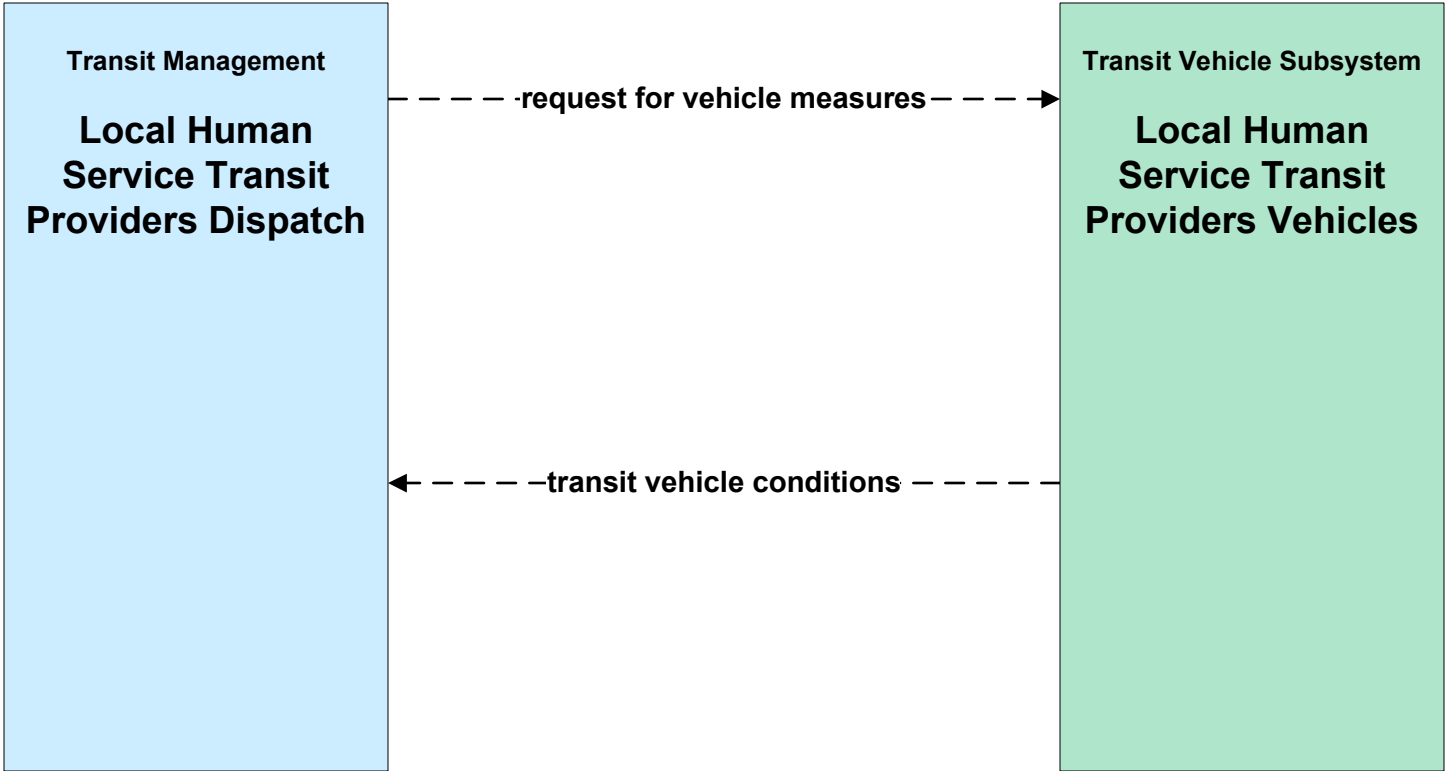
ATIS08 - Dynamic Ridesharing
MassDOT Travel Options Program

Personal Information Access

Travelers Access Devices

Transit Management

Amtrak Operations
+
BAT Paratransit Dispatch
+
BAT Transit Dispatch
+
CATA Paratransit Dispatch
+
CATA Transit Dispatch
+
GATRA Paratransit Dispatch
+
GATRA Transit Dispatch
+
Local City/Town Shuttle Service Dispatch
+
Local Human Service Transit Providers Dispatch
+
LRTA Paratransit Dispatch
+
LRTA Transit Dispatch

trip confirmation
+
trip request

trip plan

demand responsive transit request

Information Service Provider

MassDOT Travel Options Program

demand responsive transit plan

demand -responsive transit- request

demand -responsive transit- plan

ISP coordination   ISP coordination

Information Service Provider

MassDOT - Highway Division 511 System

Transit Management

MBTA Bus Control Center
+
MBTA Commuter Rail Control Centers North and South
+
MBTA Demand Response Dispatch
+
MBTA Subway Operations Control Center
+
MVRTA Paratransit Dispatch
+
MVRTA Transit Dispatch
+
MWRTA Paratransit Dispatch
+
MWRTA Transit Dispatch
+
Private Taxi and Shuttle Dispatch
+
TMA Shuttle Dispatch