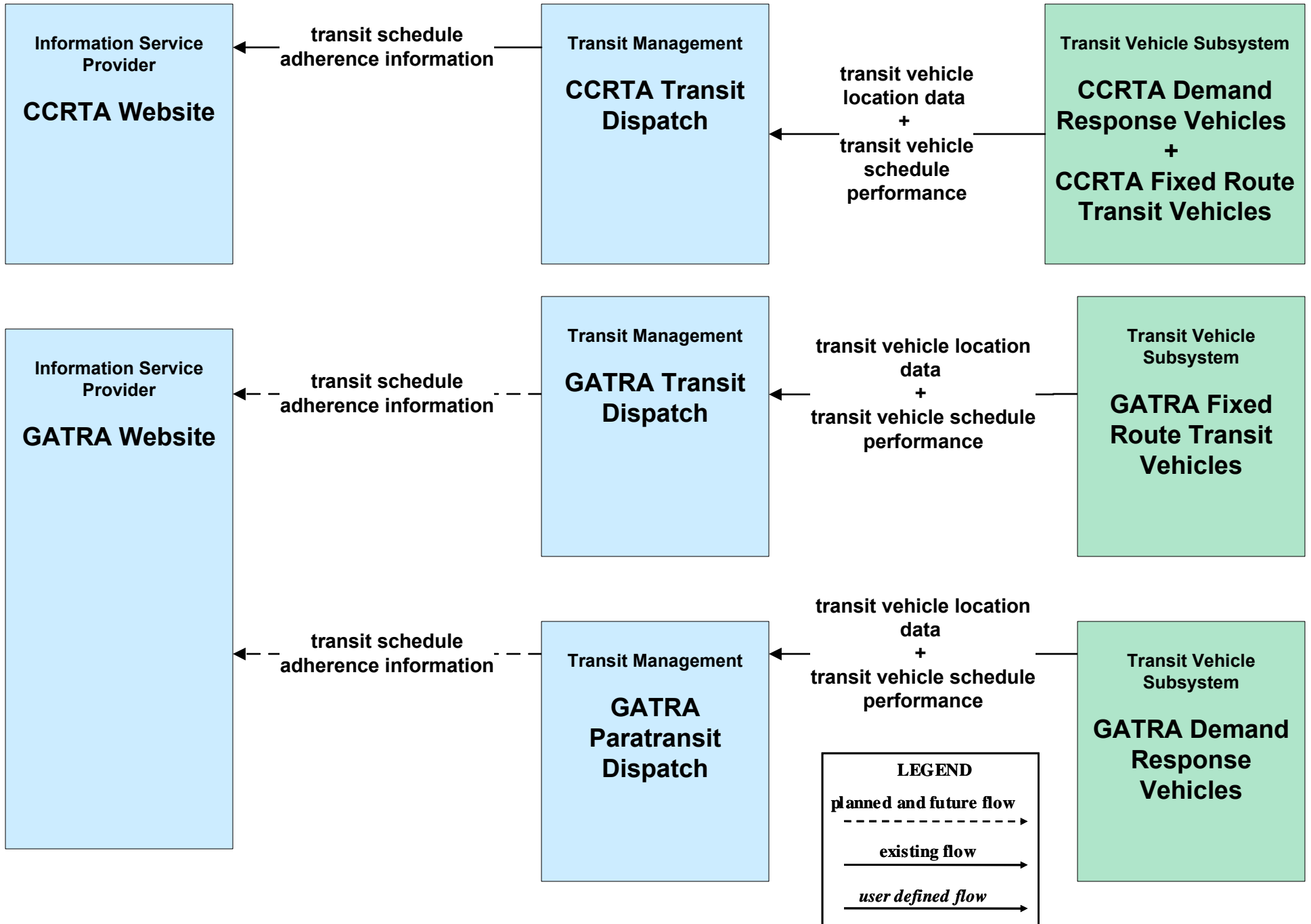


Southeastern Massachusetts Regional ITS Architecture

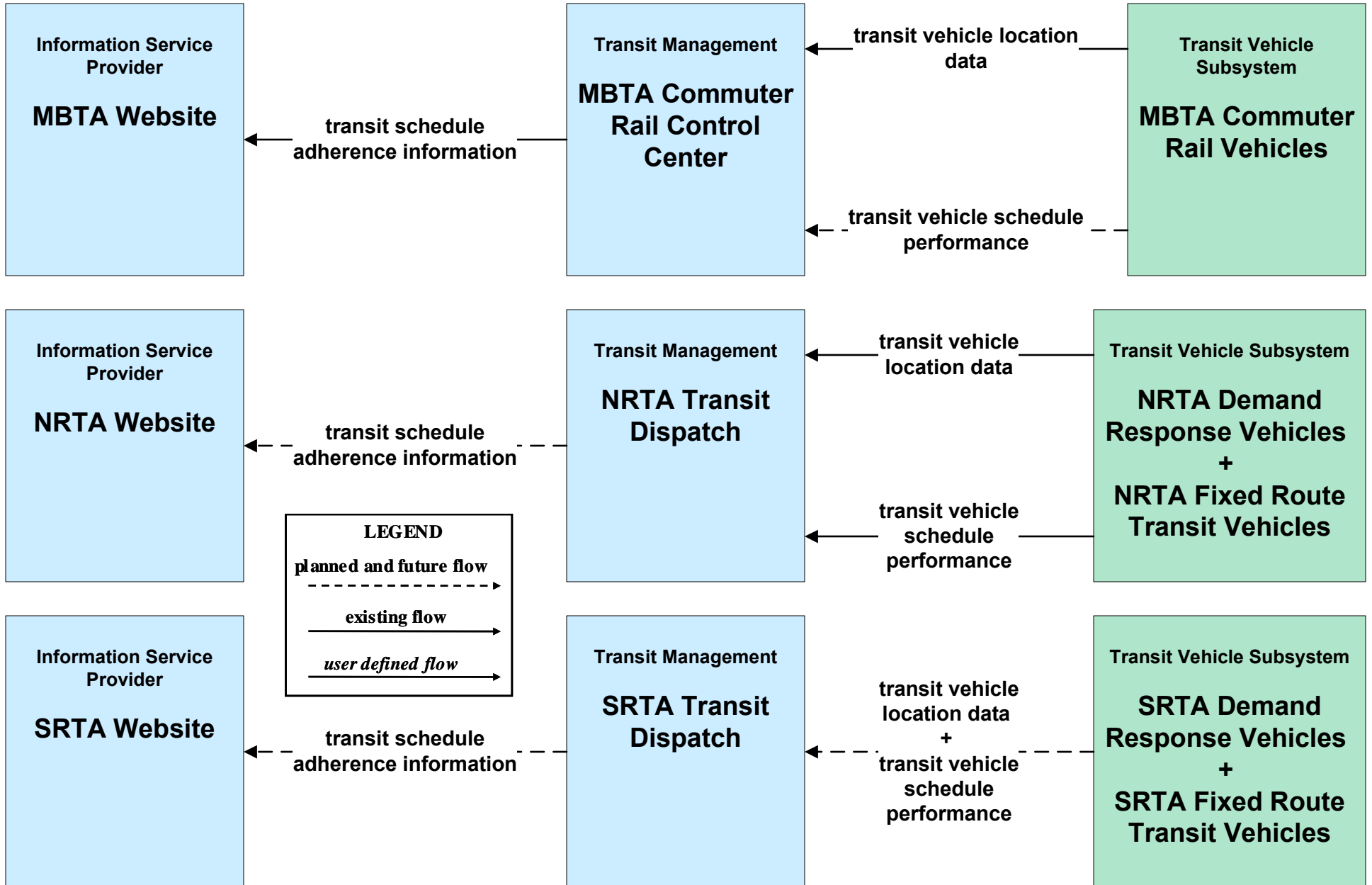
Customized Market Package Diagrams

Advanced Public Transportation Systems (APTS)

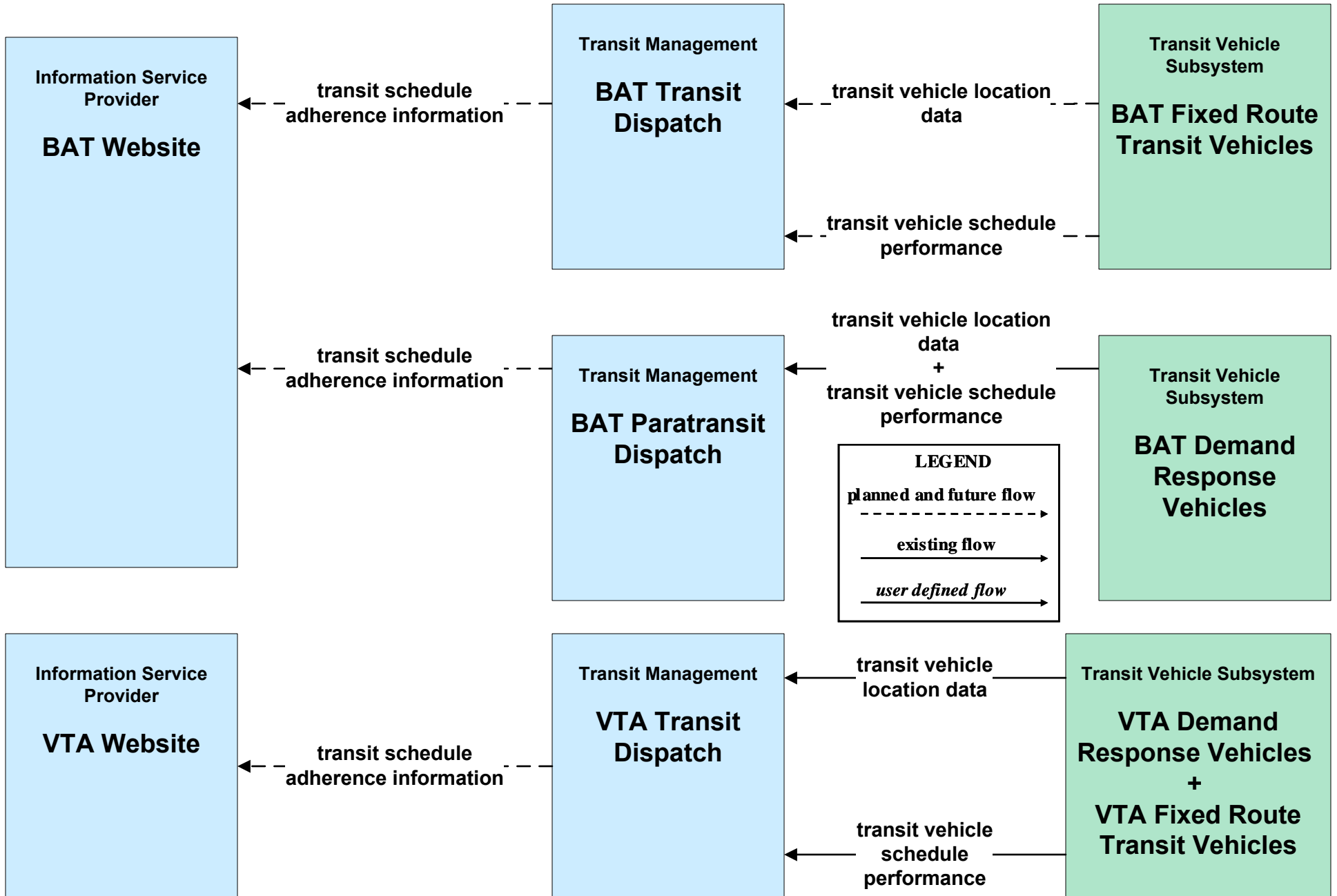
APTS01 - Transit Vehicle Tracking Regional Transit Authorities (1 of 3)



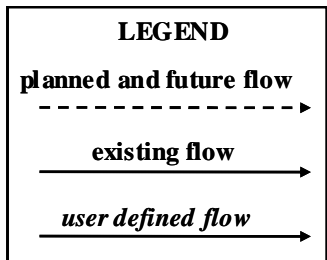
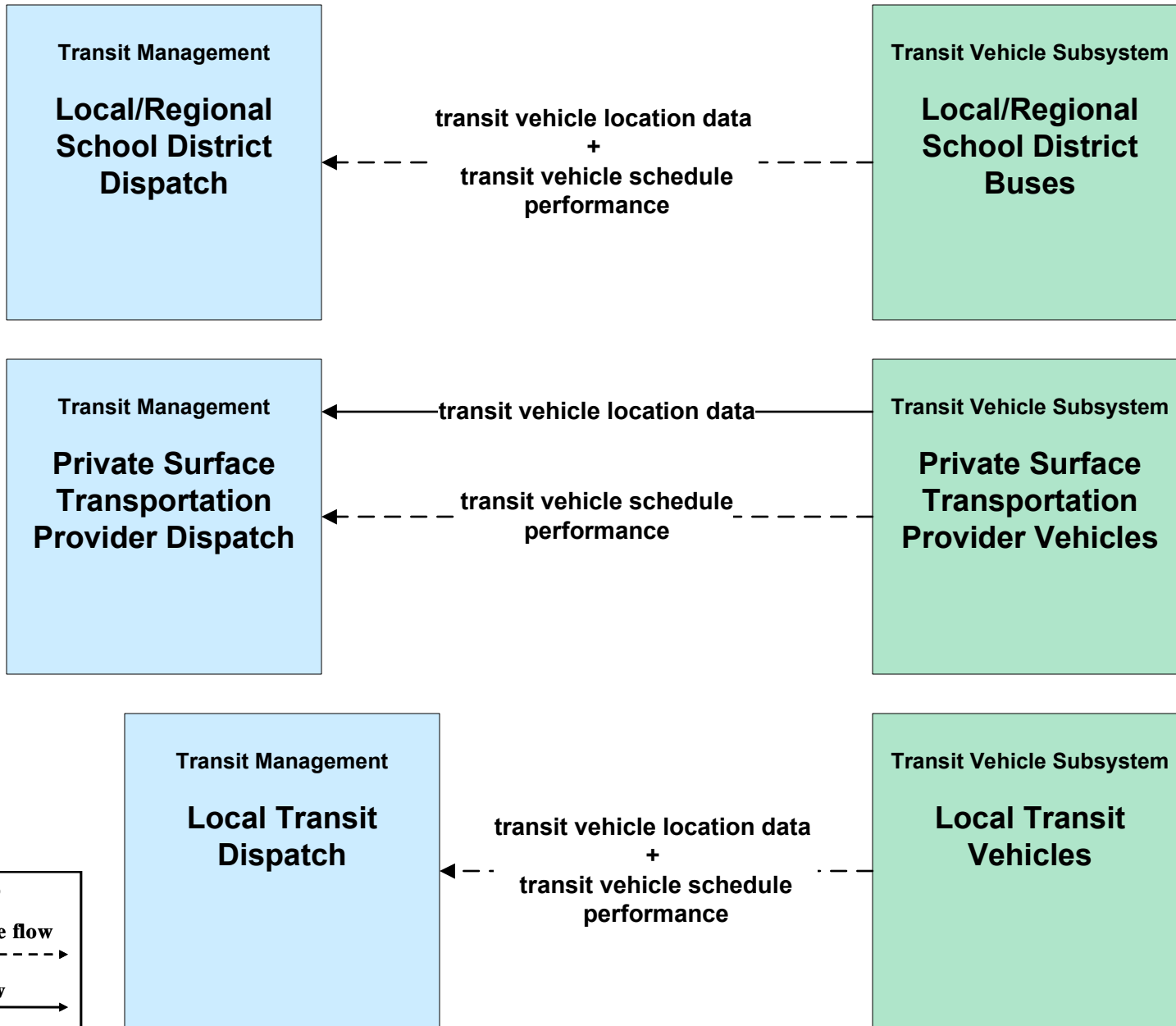
APTS01 - Transit Vehicle Tracking Regional Transit Authorities (2 of 3)



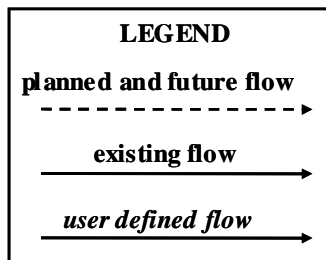
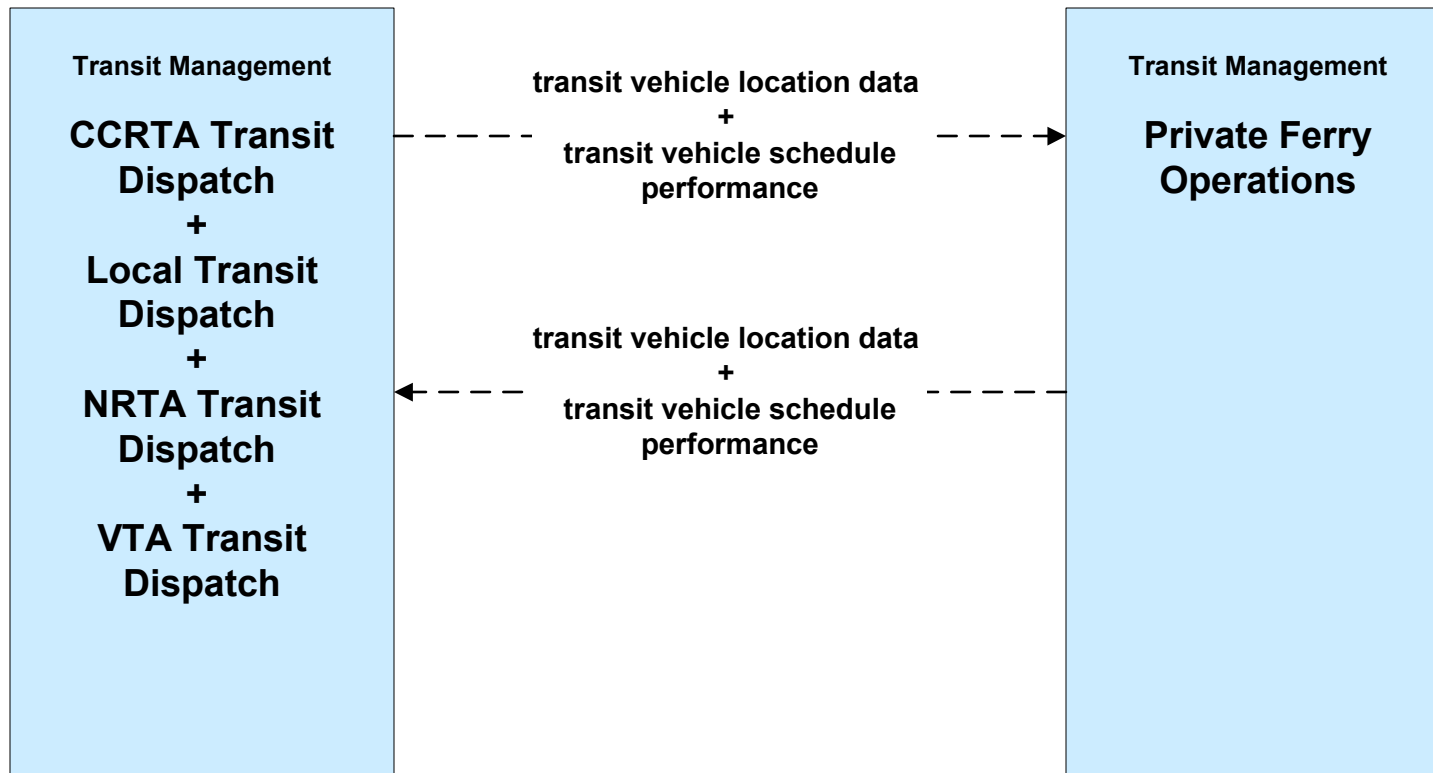
APTS01 - Transit Vehicle Tracking Regional Transit Authorities (3 of 3)



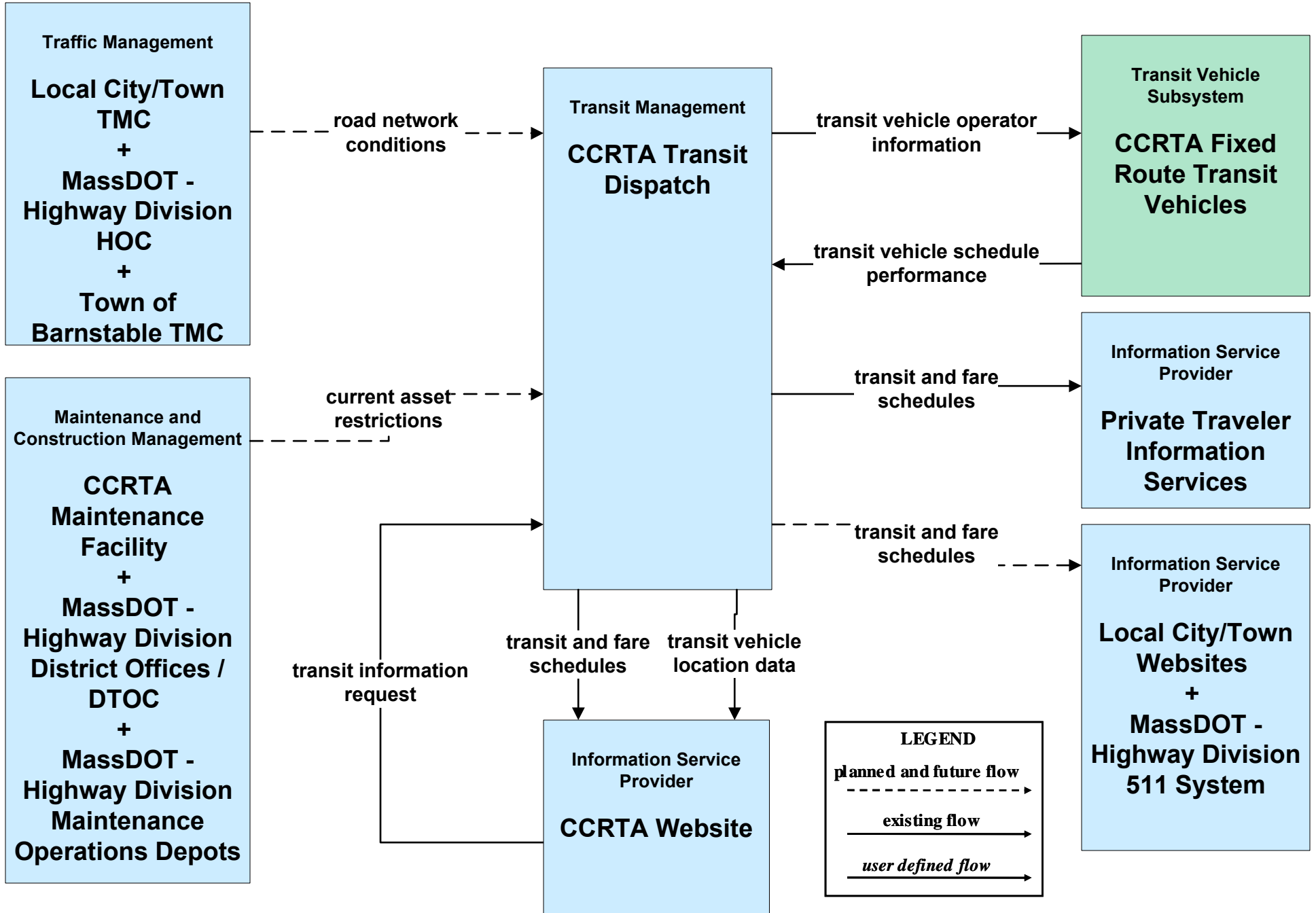
APTS01 - Transit Vehicle Tracking
Local/Regional School Districts and Private Surface Transportation Provider



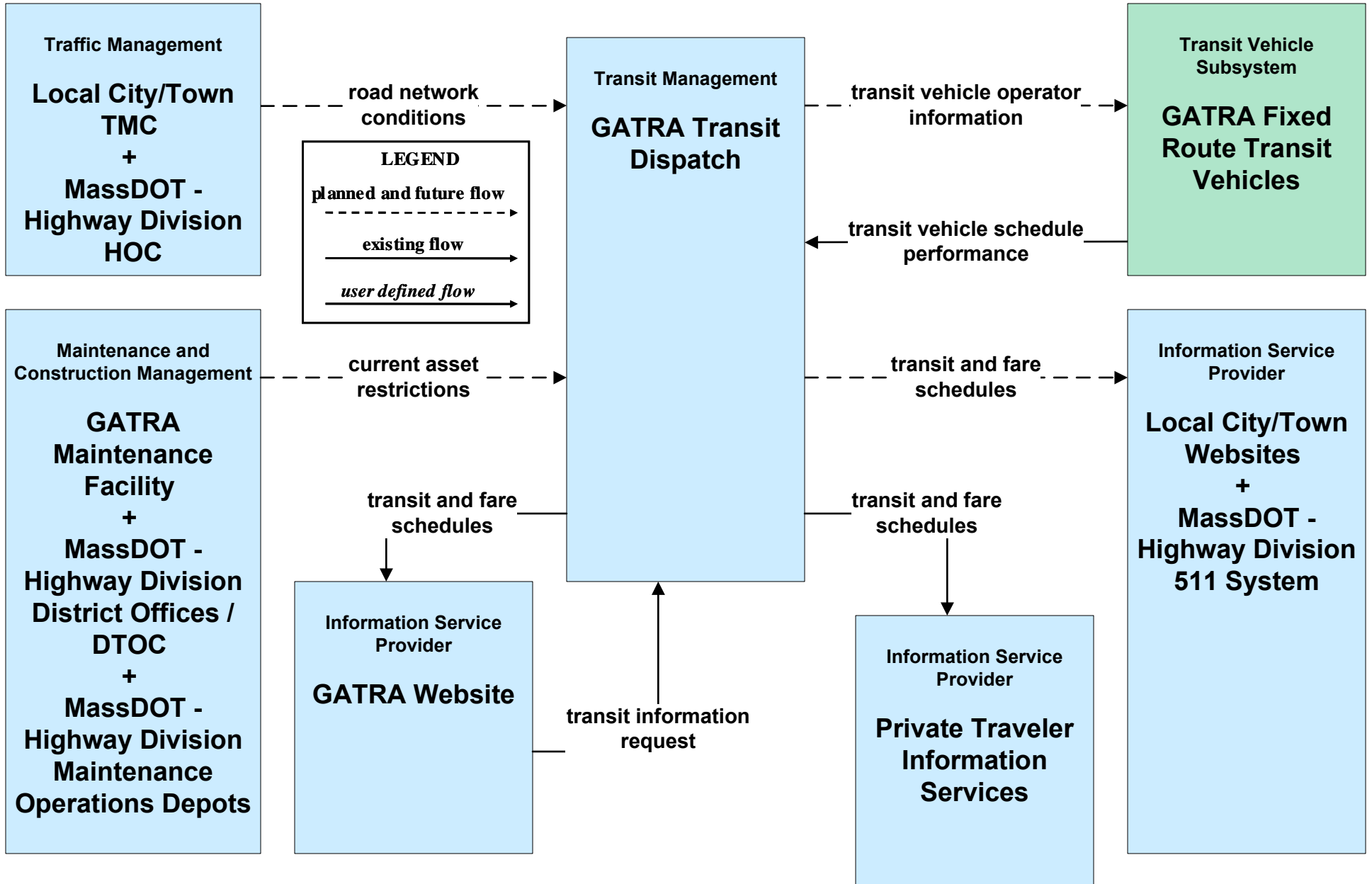
APTS01 - Transit Vehicle Tracking Private Ferry Operations



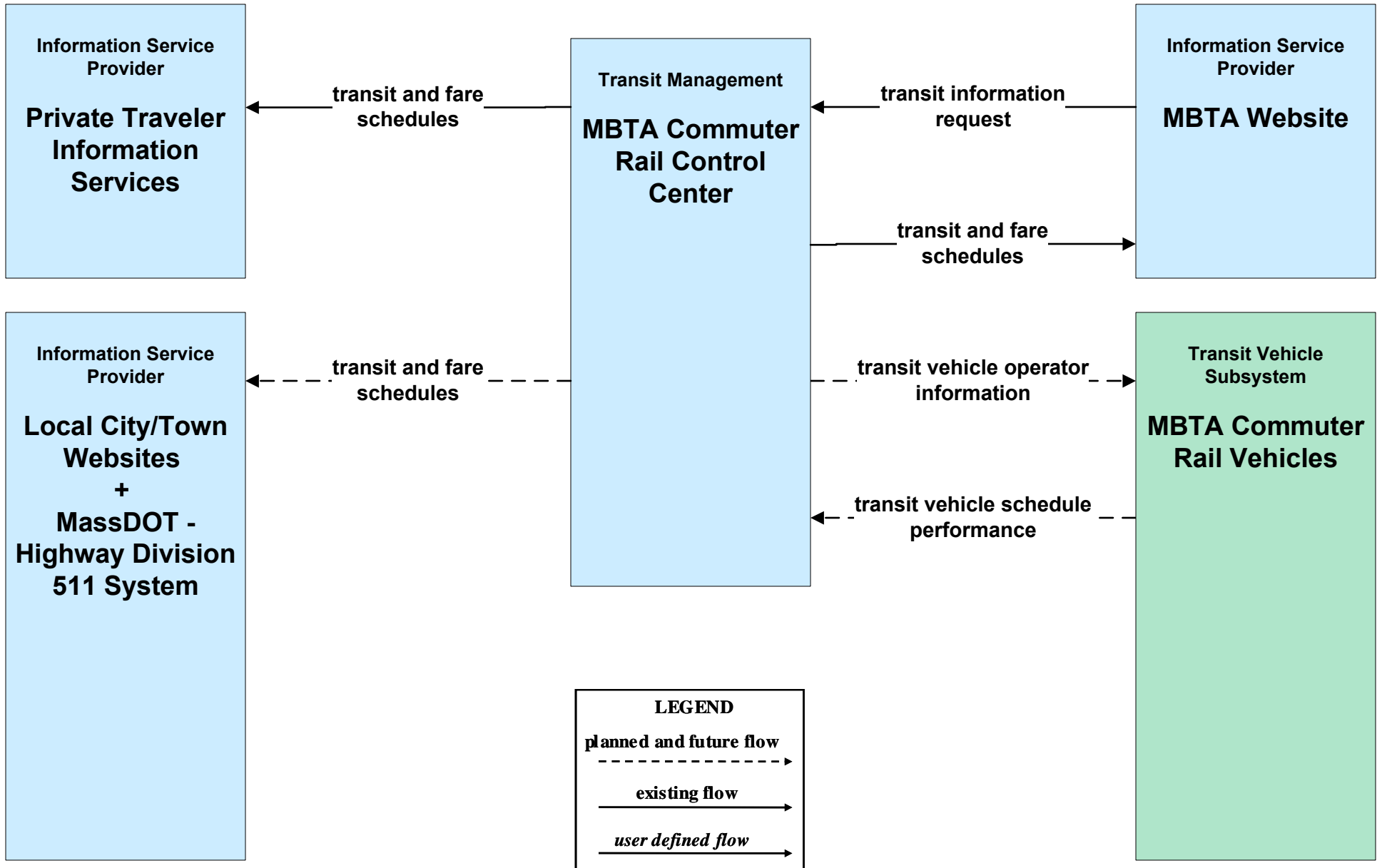
APTS02 - Transit Fixed-Route Operations CCRTA



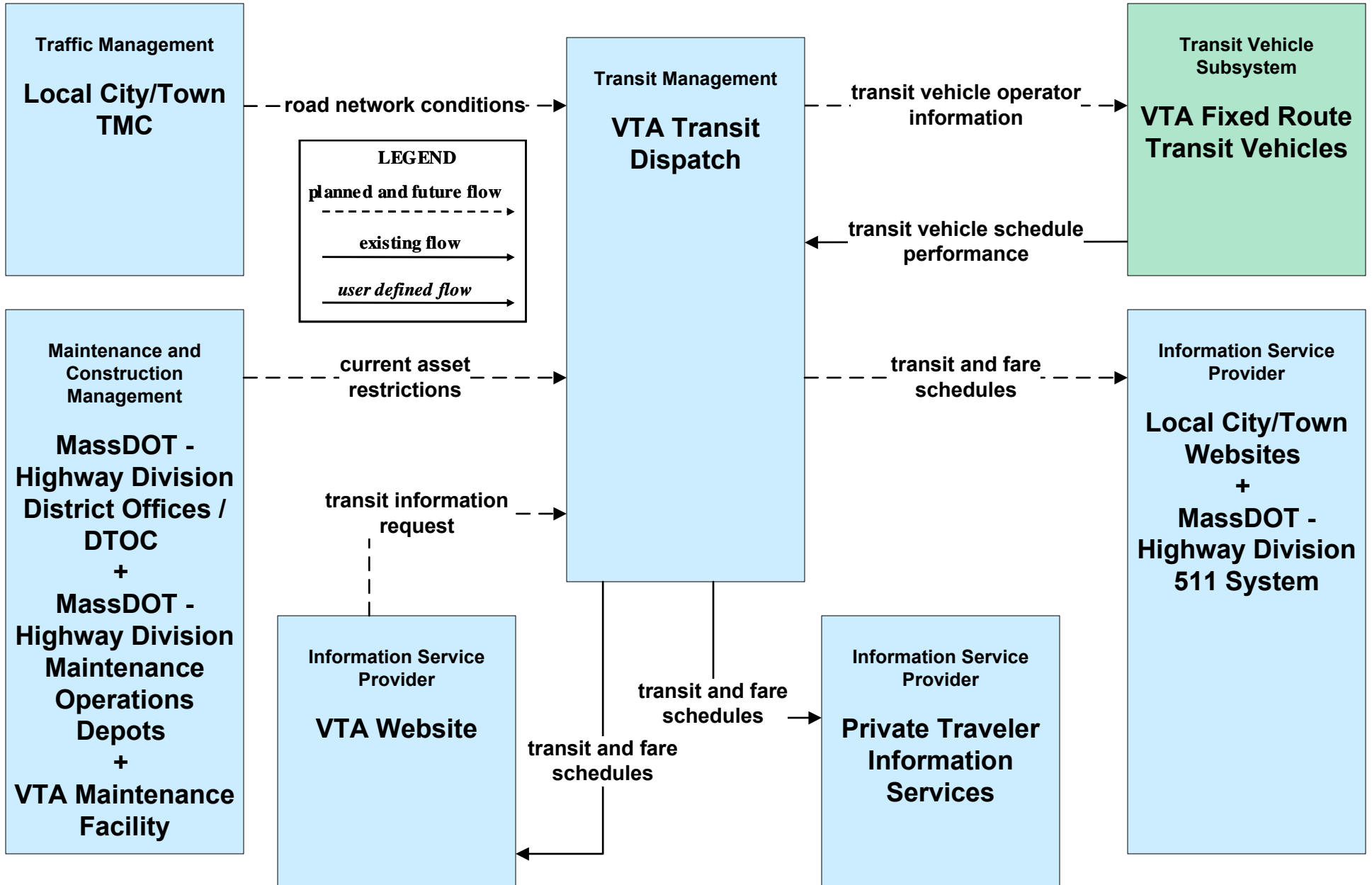
**APTS02 - Transit Fixed-Route Operations
GATRA**



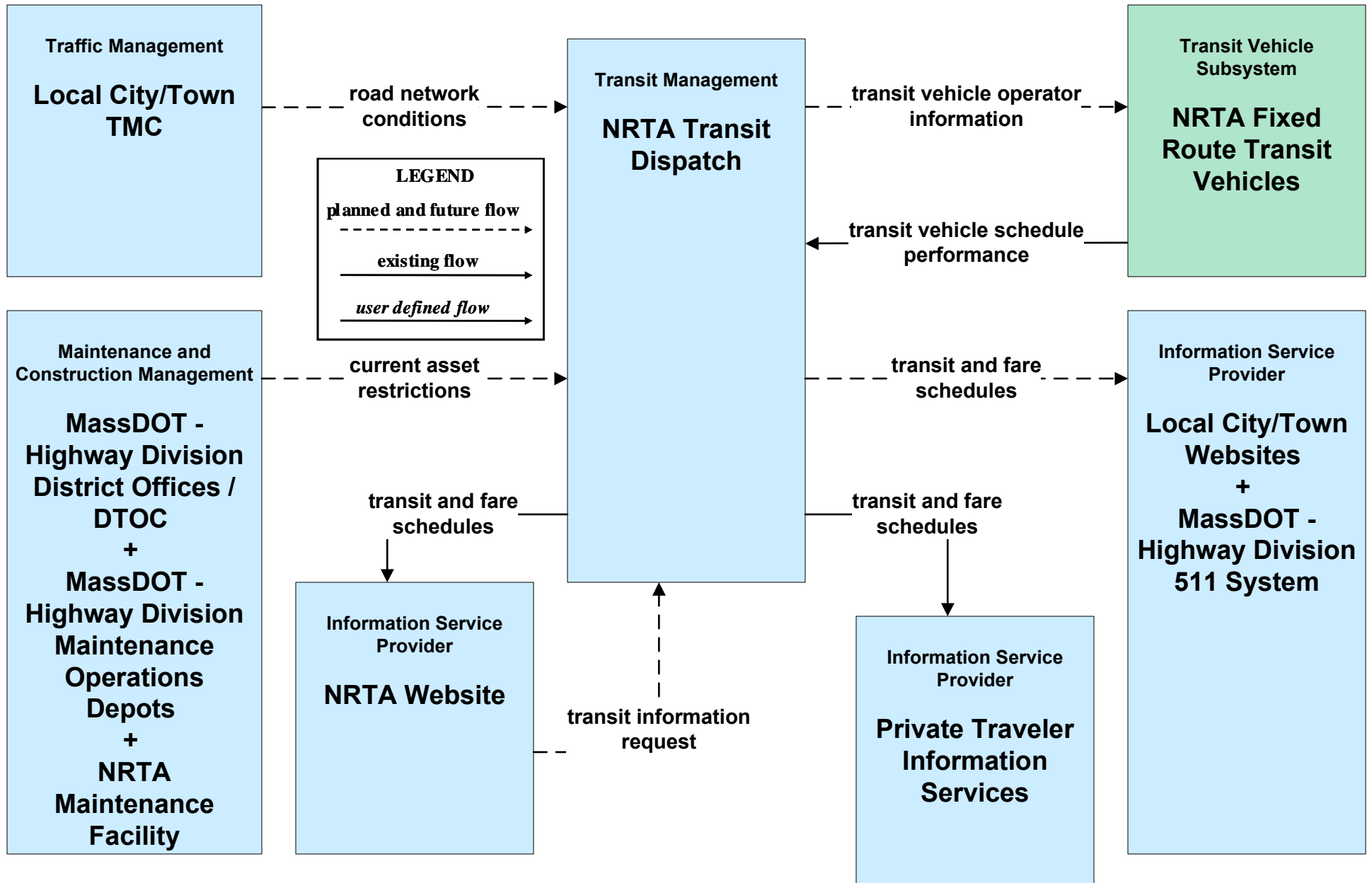
**APTS02 - Transit Fixed-Route Operations
MBTA**



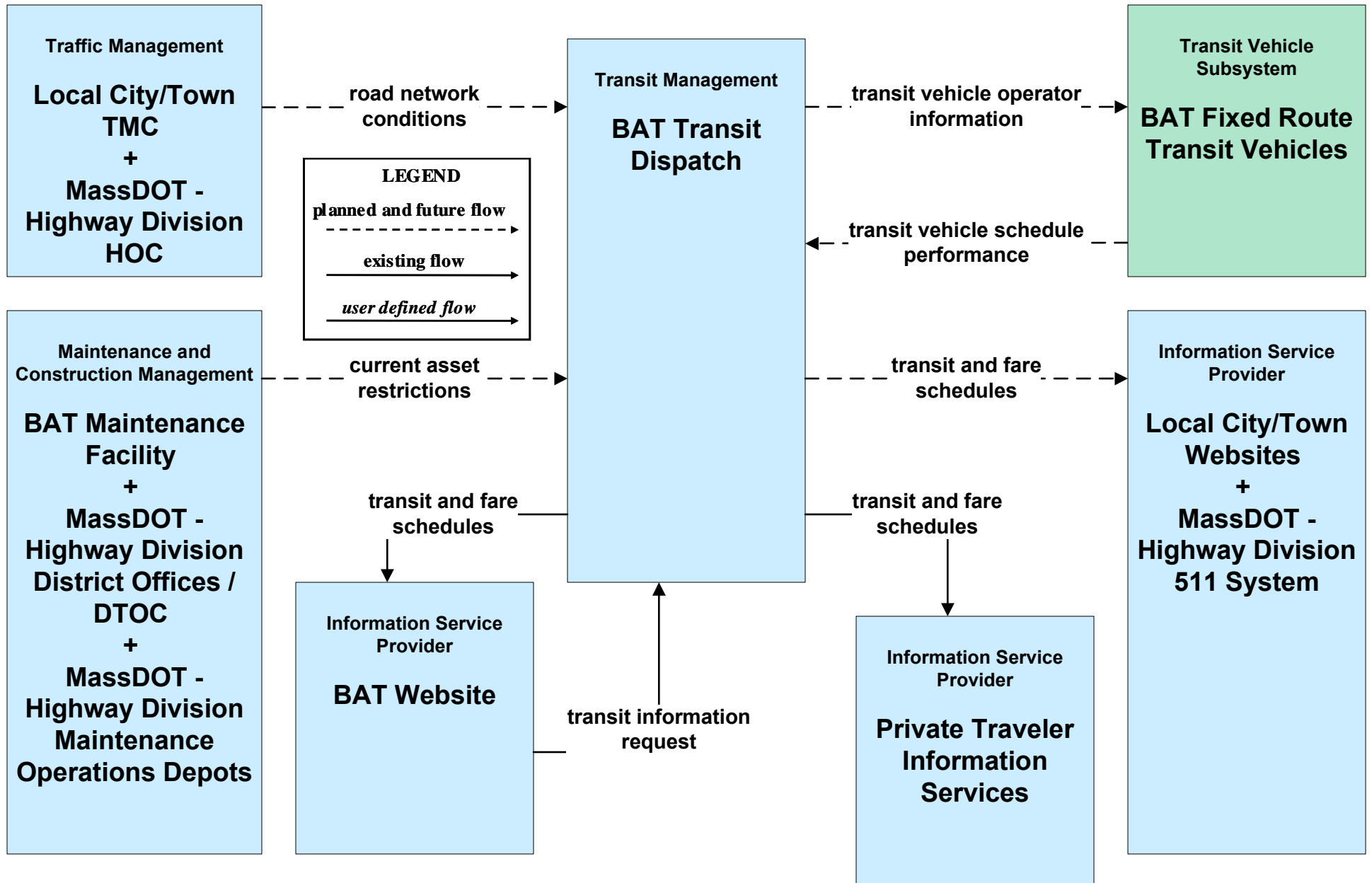
APTS02 - Transit Fixed-Route Operations VTA



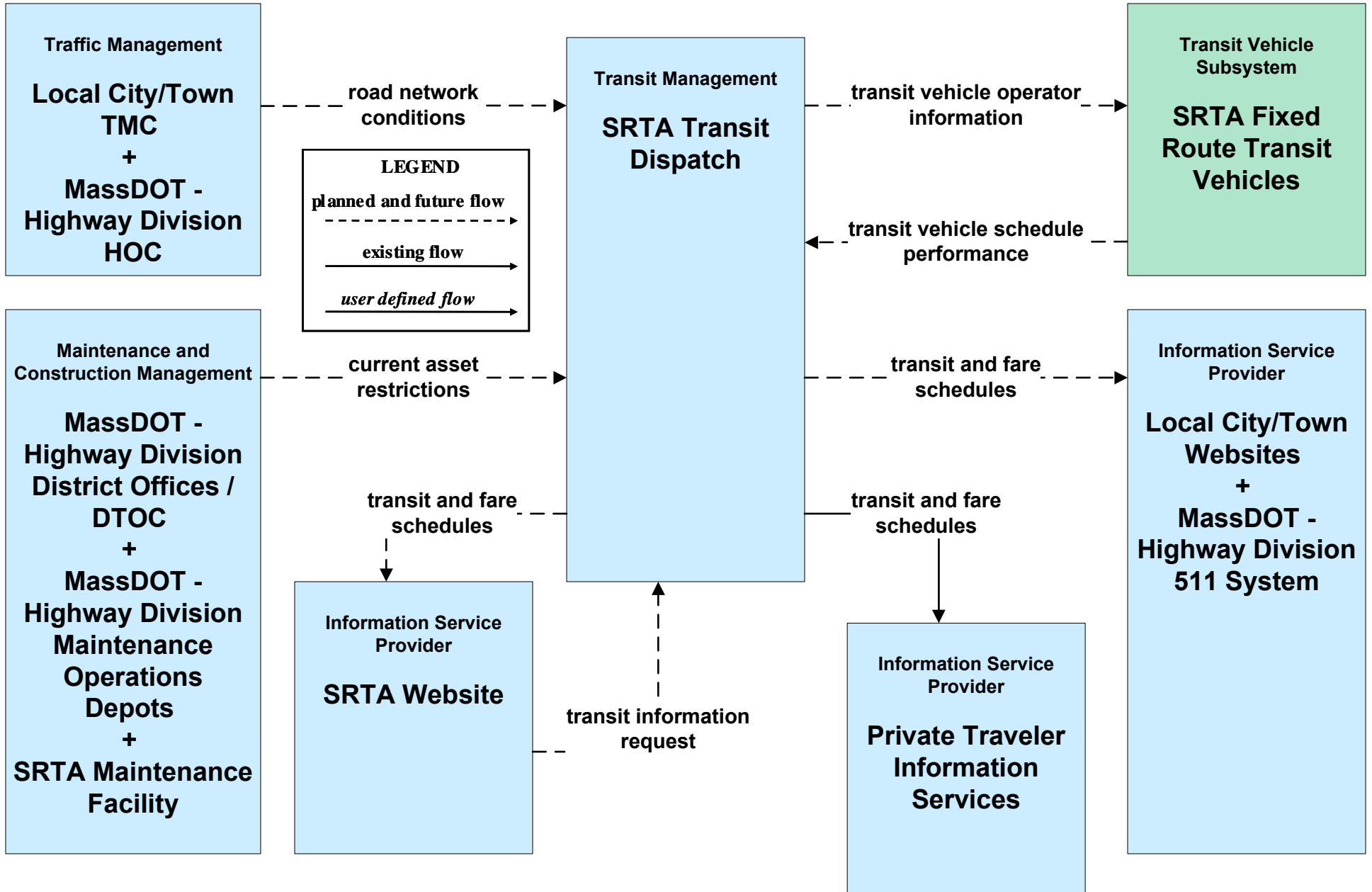
APTS02 - Transit Fixed-Route Operations NRTA



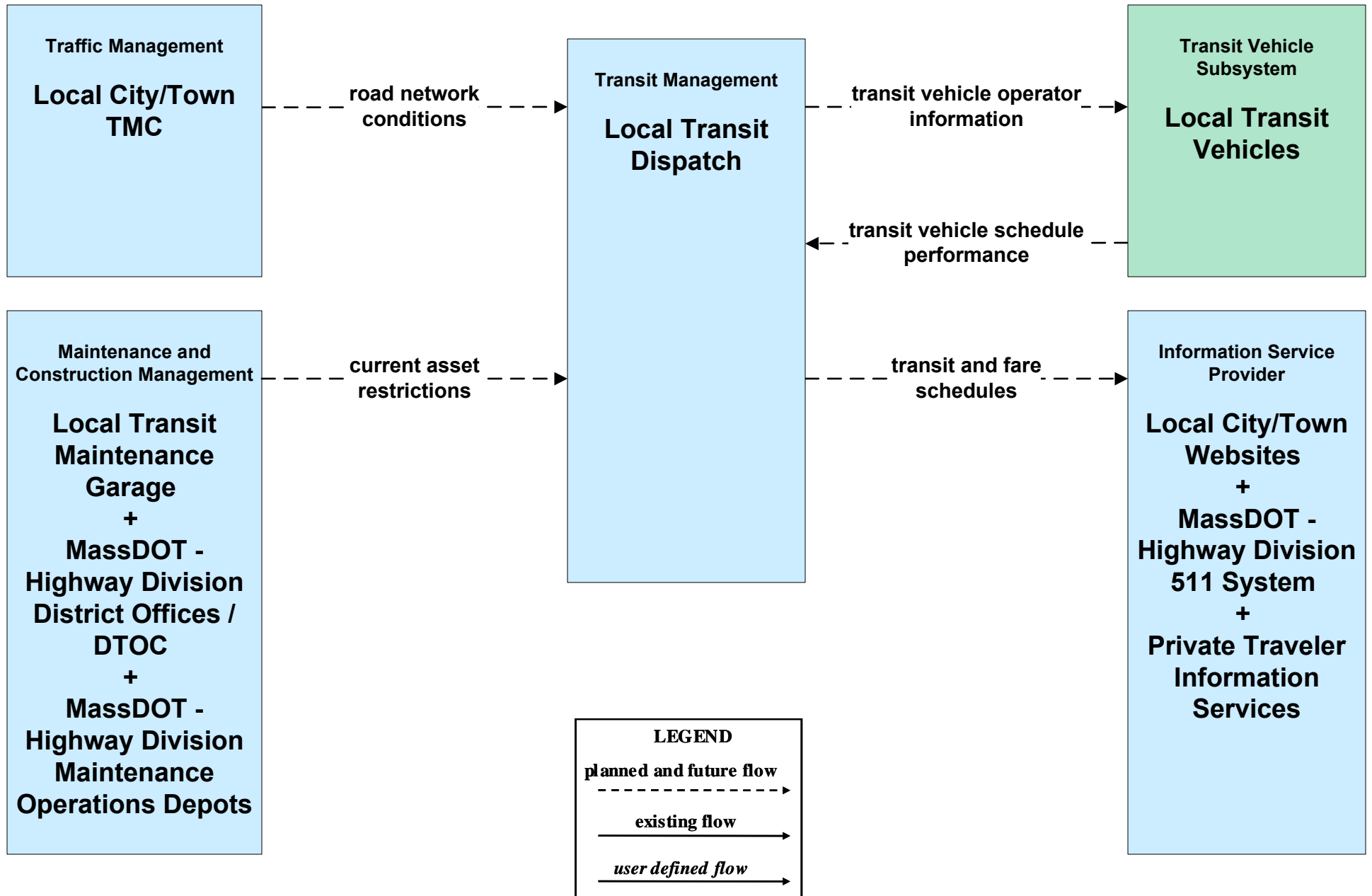
APTS02 - Transit Fixed-Route Operations BAT



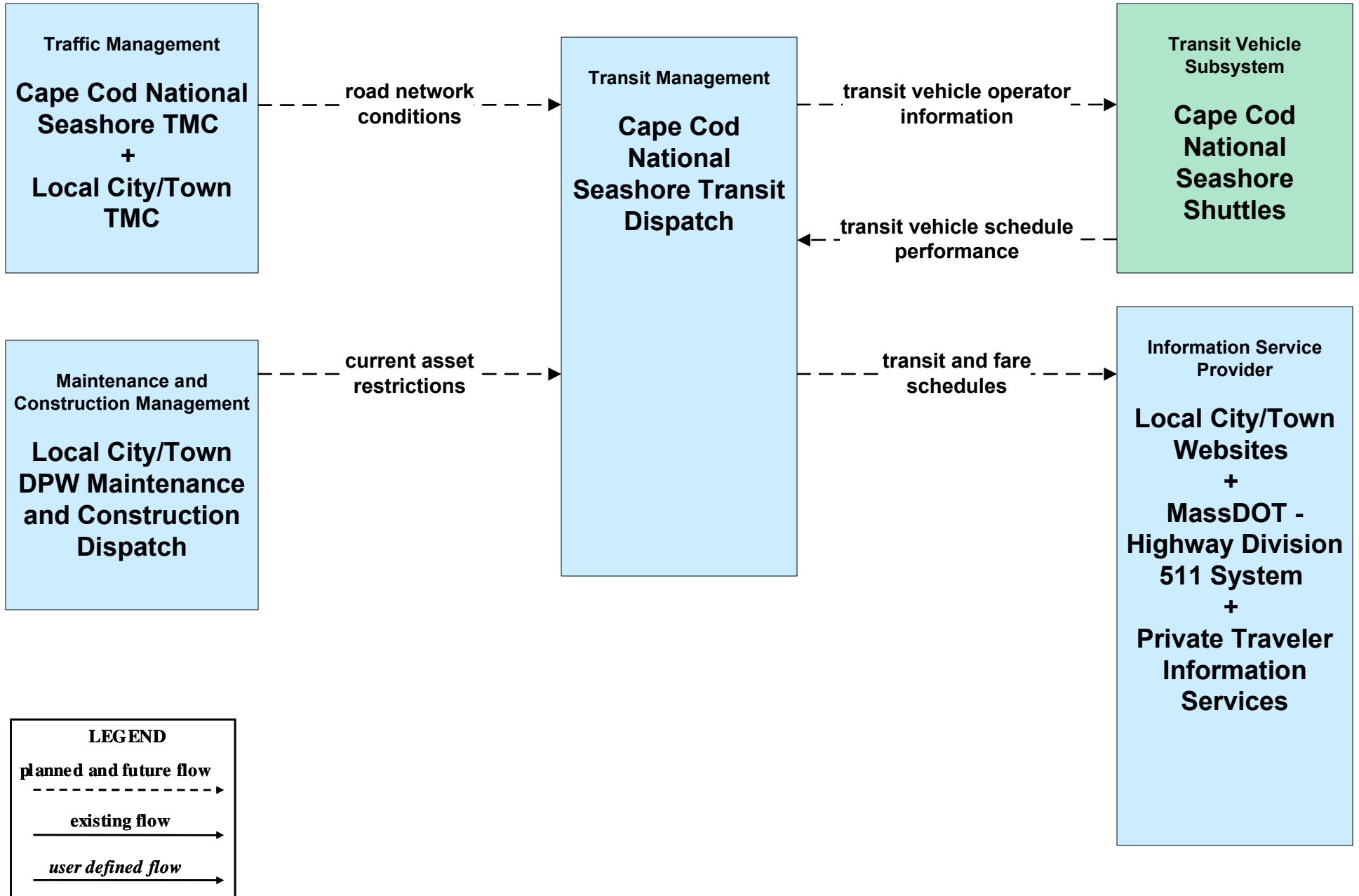
APTS02 - Transit Fixed-Route Operations SRTA



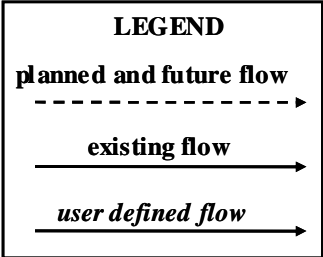
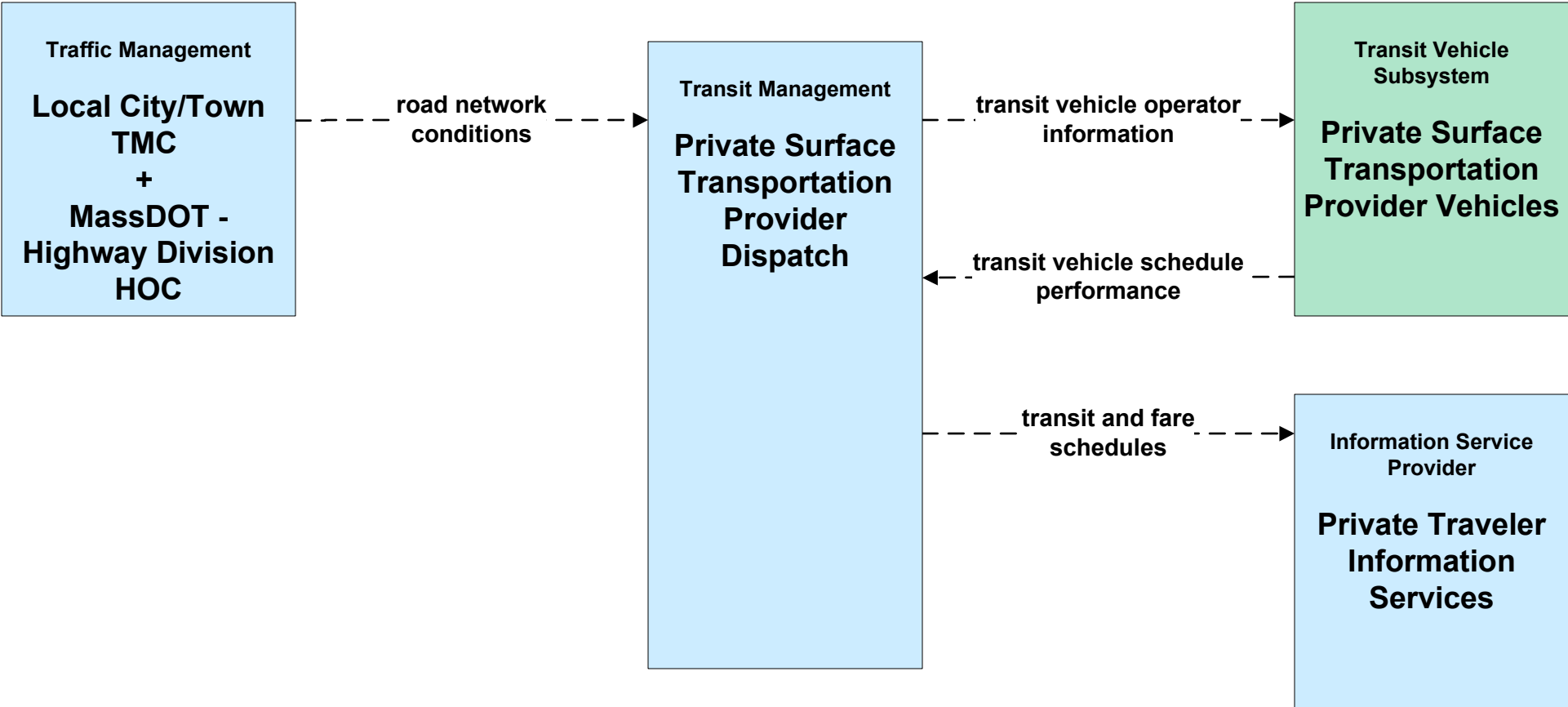
**APTS02 - Transit Fixed-Route Operations
Local Transit**



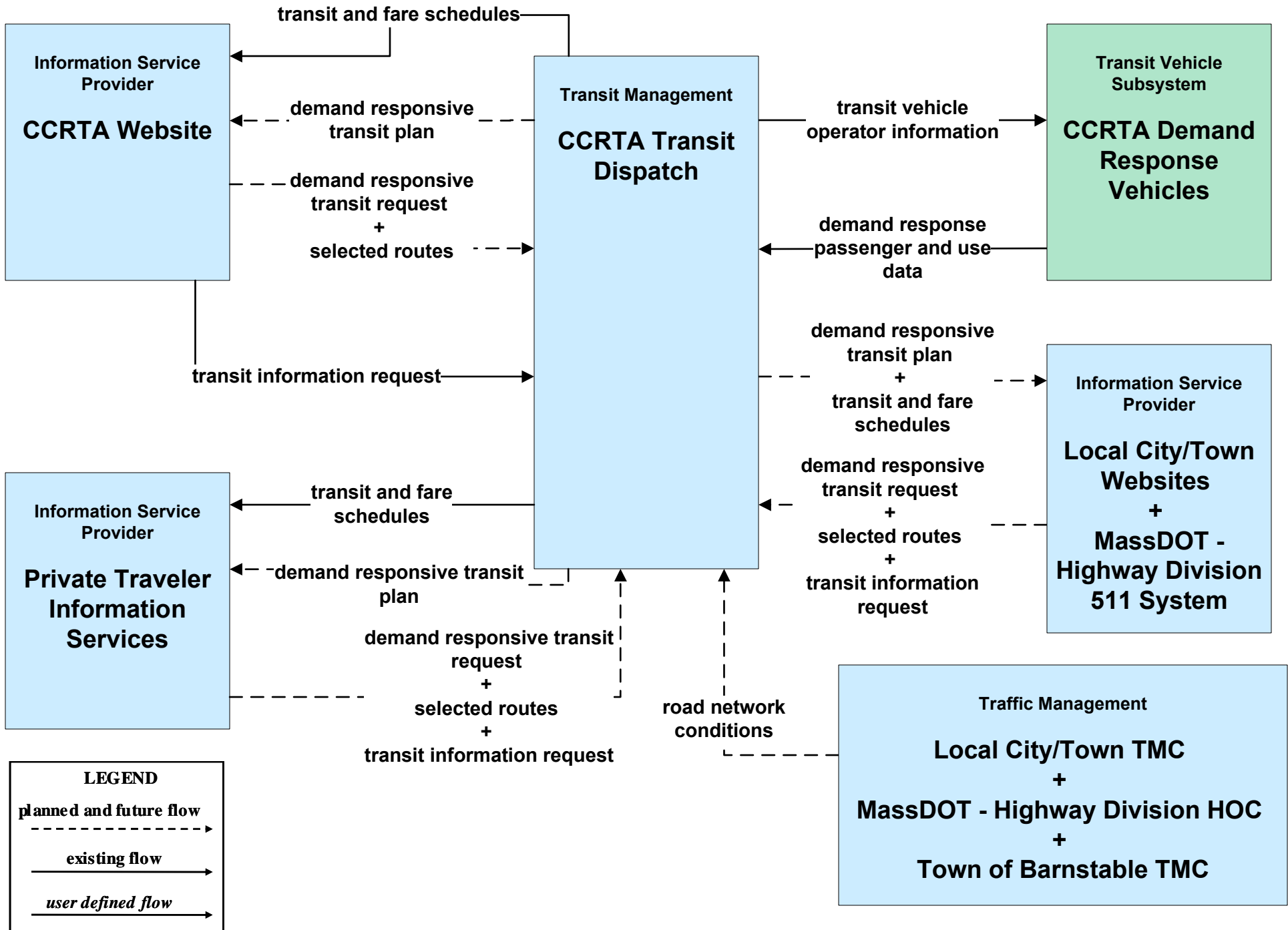
**APTS02 - Transit Fixed-Route Operations
Cape Cod National Seashore Transit Dispatch**



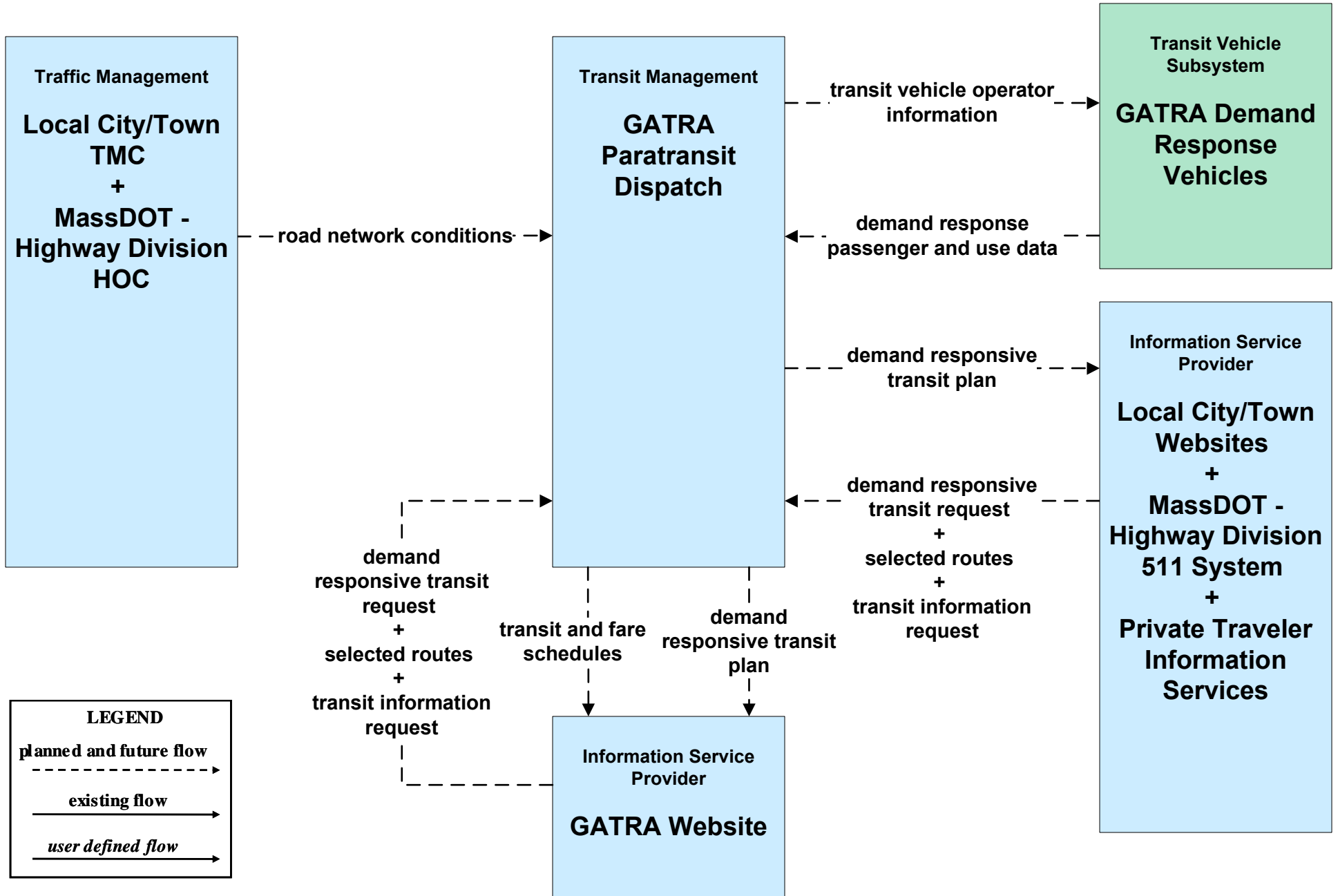
**APTS02 - Transit Fixed-Route Operations
Private Surface Transportation Provider**



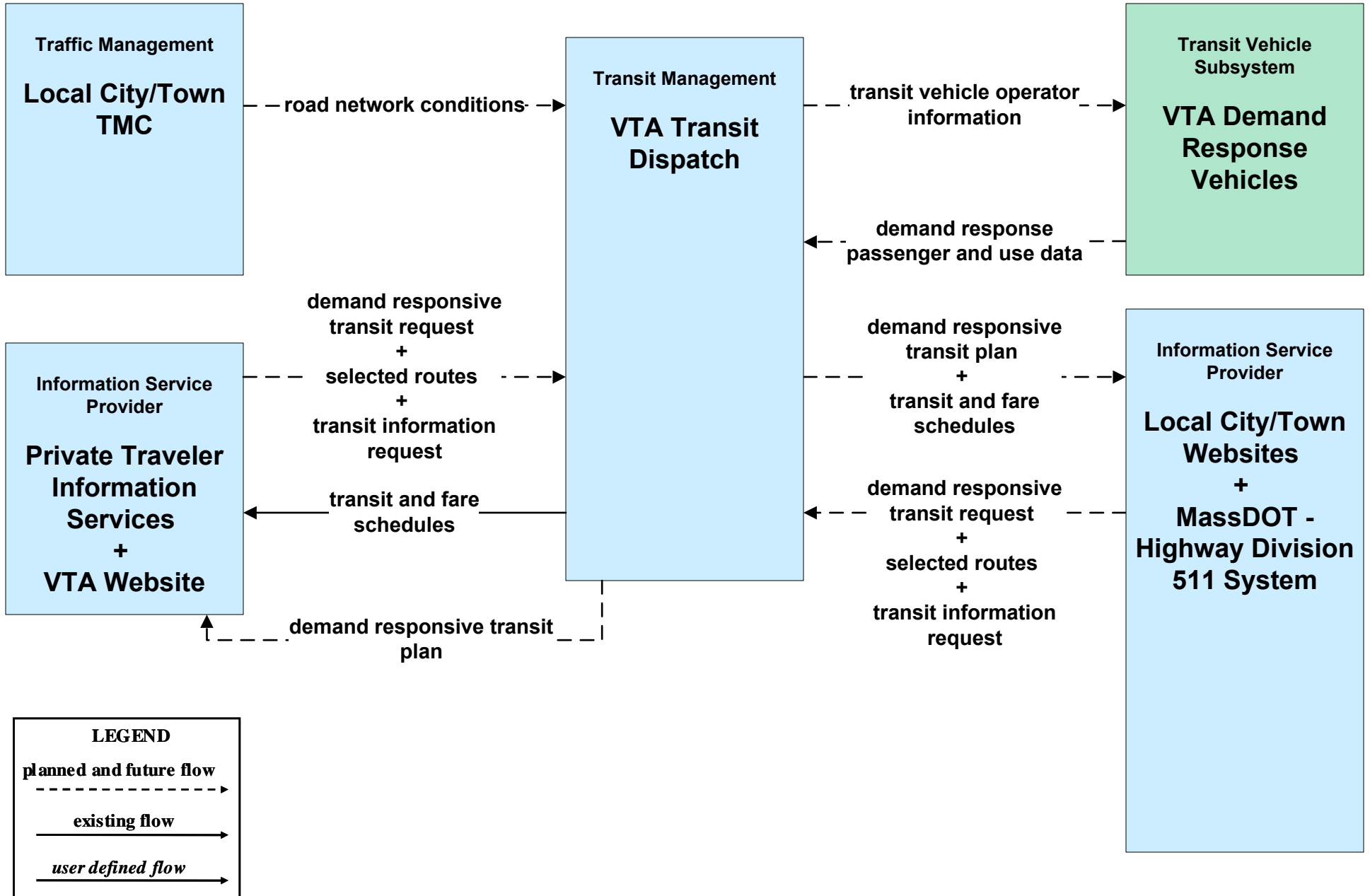
APTS03 - Demand Response and Paratransit Operations CCRTA



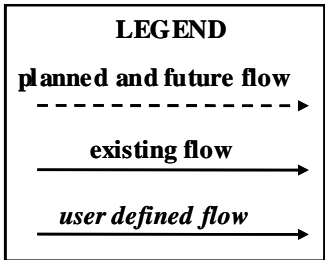
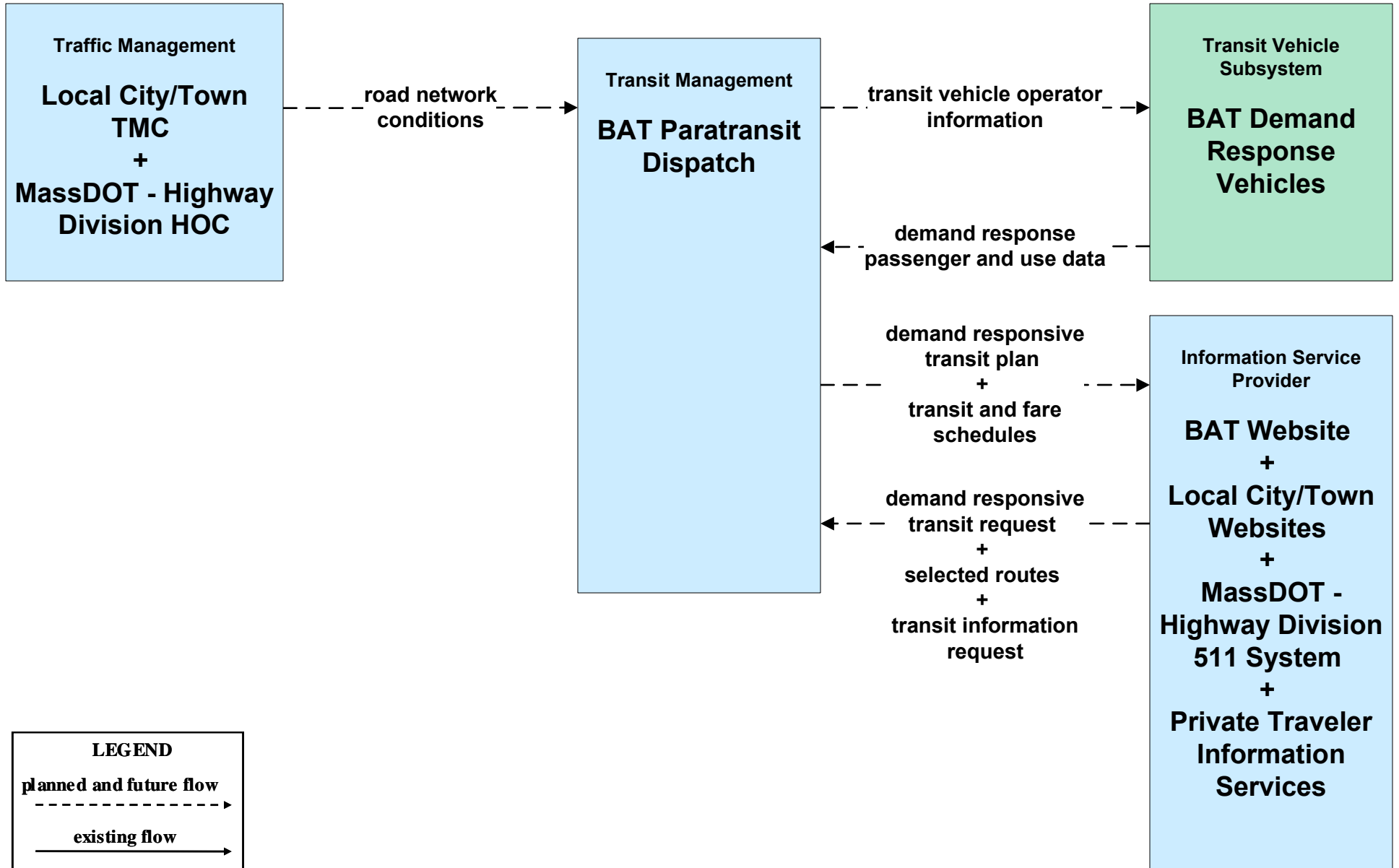
APTS03 - Demand Response and Paratransit Operations GATRA



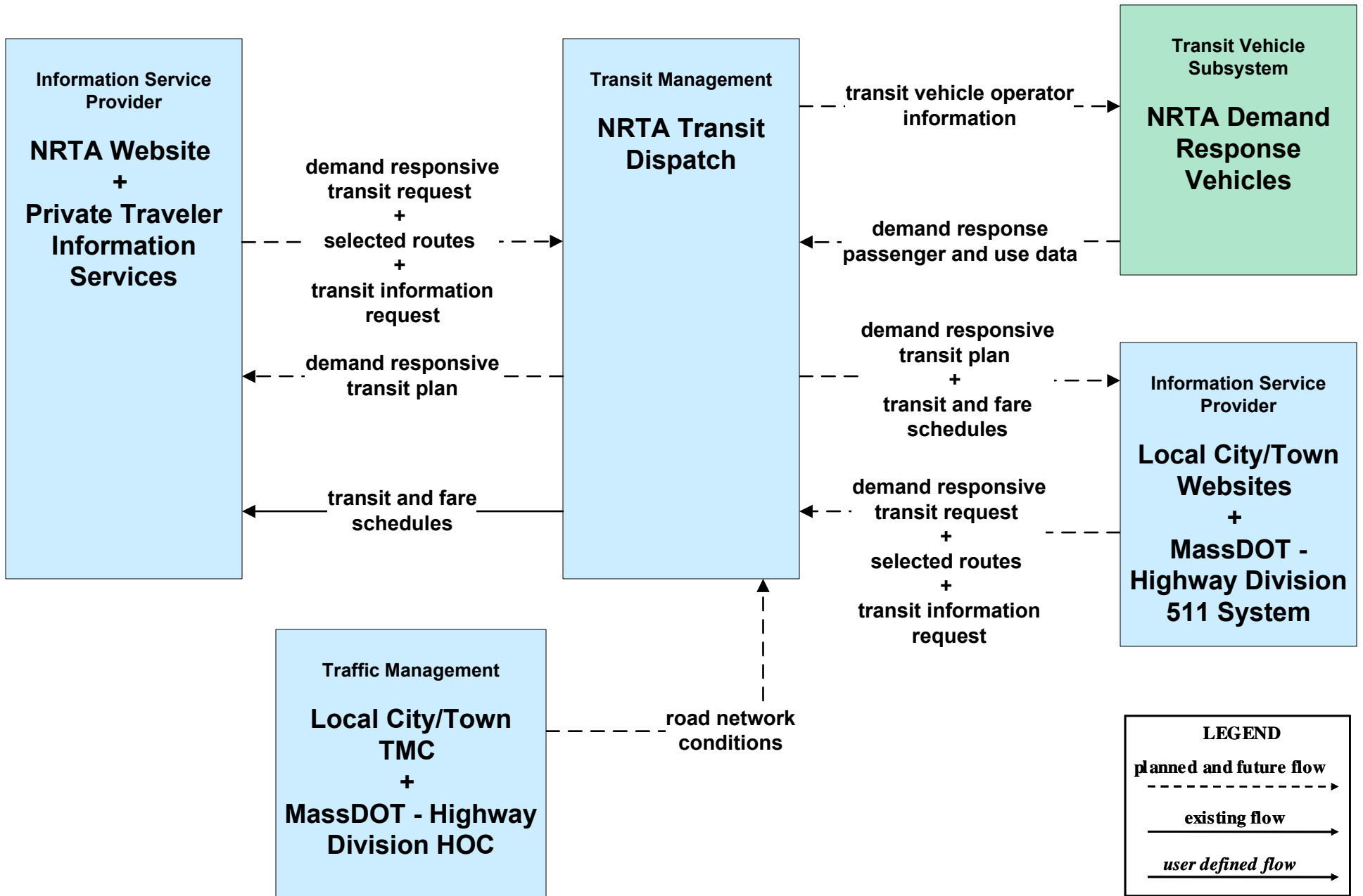
APTS03 - Demand Response and Paratransit Operations VTA



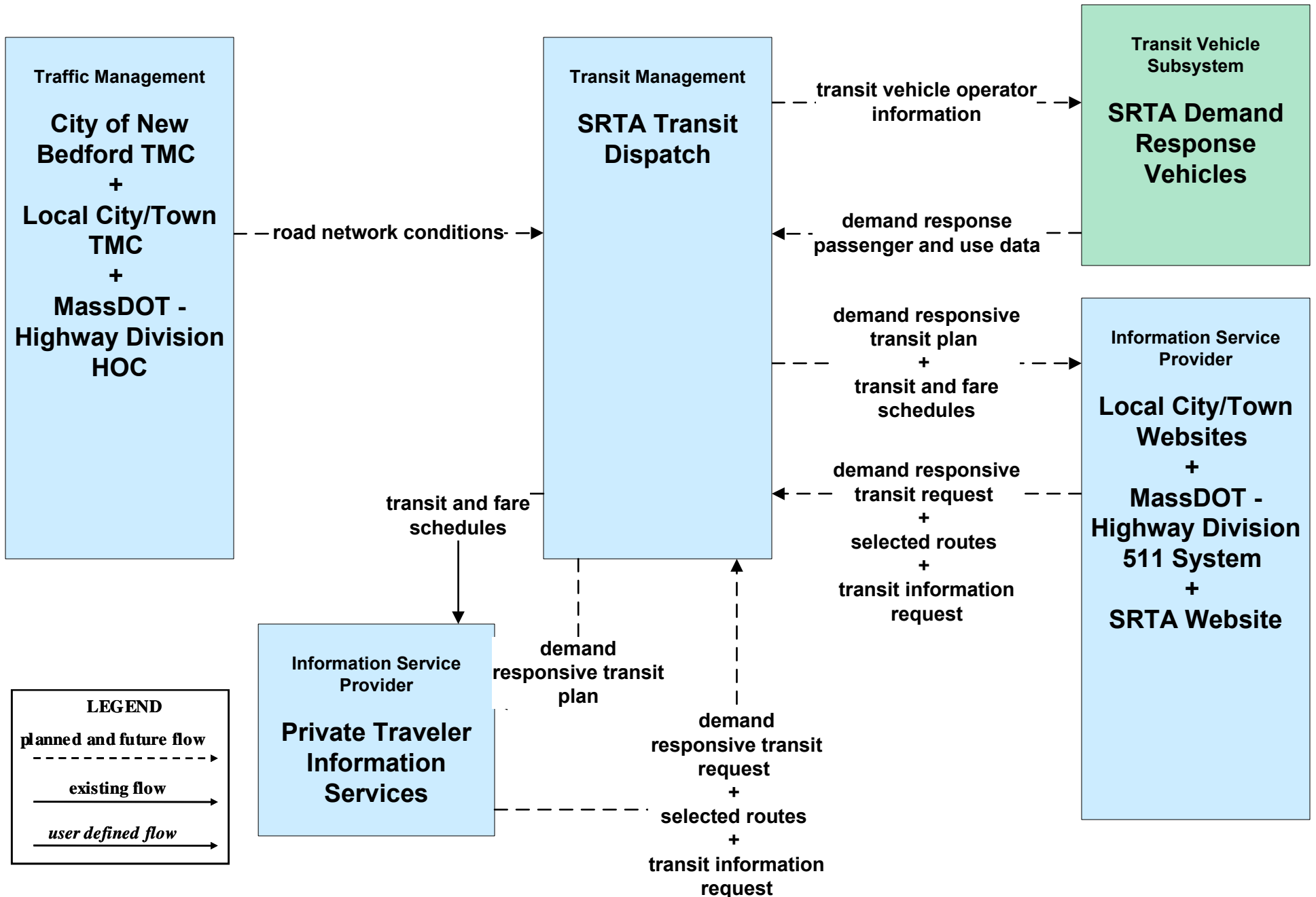
**APTS03 - Demand Response and Paratransit Operations
BAT**



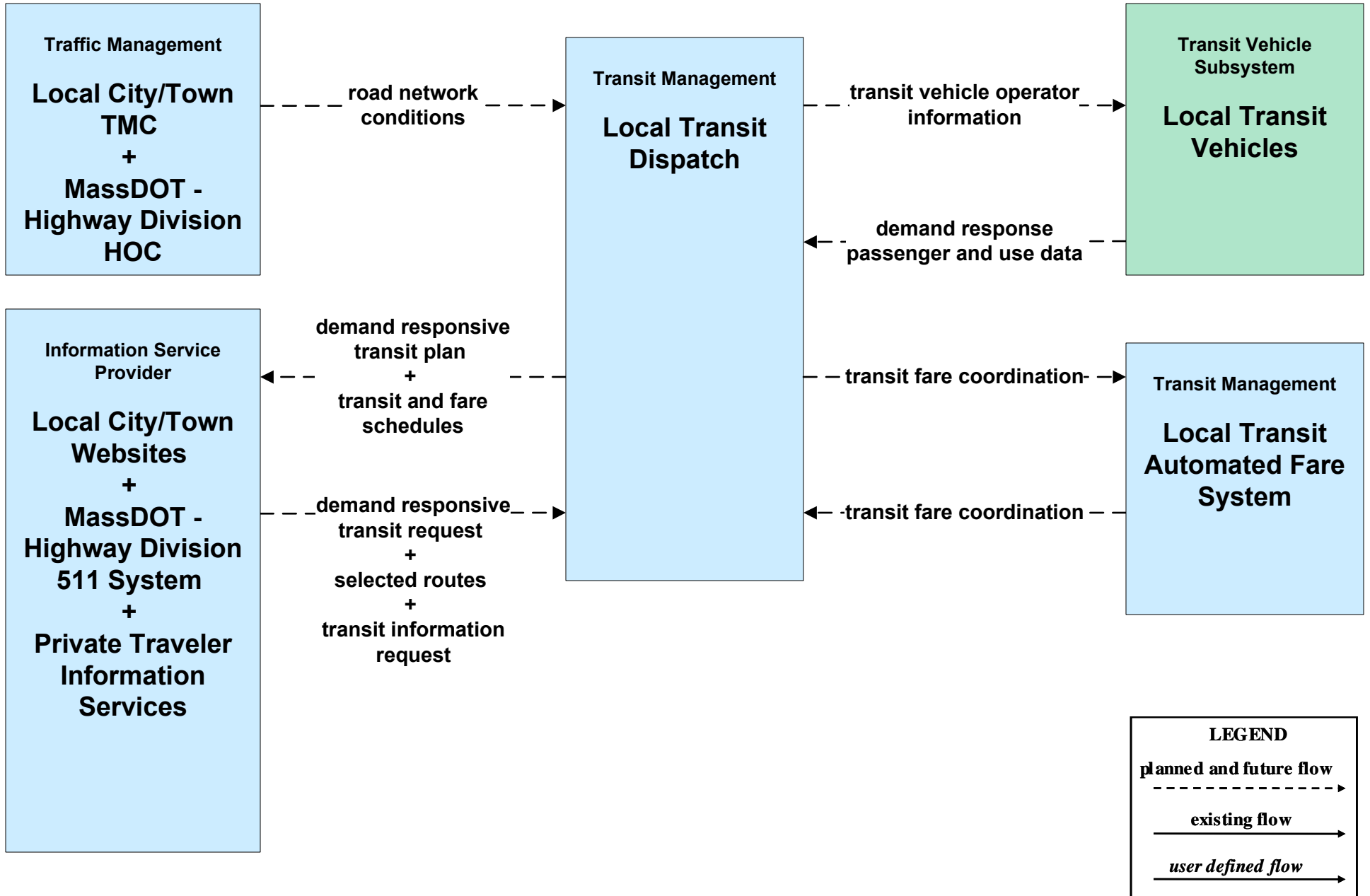
**APTS03 - Demand Response and Paratransit Operations
NRTA**



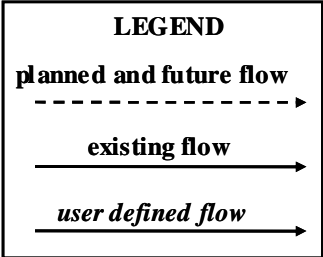
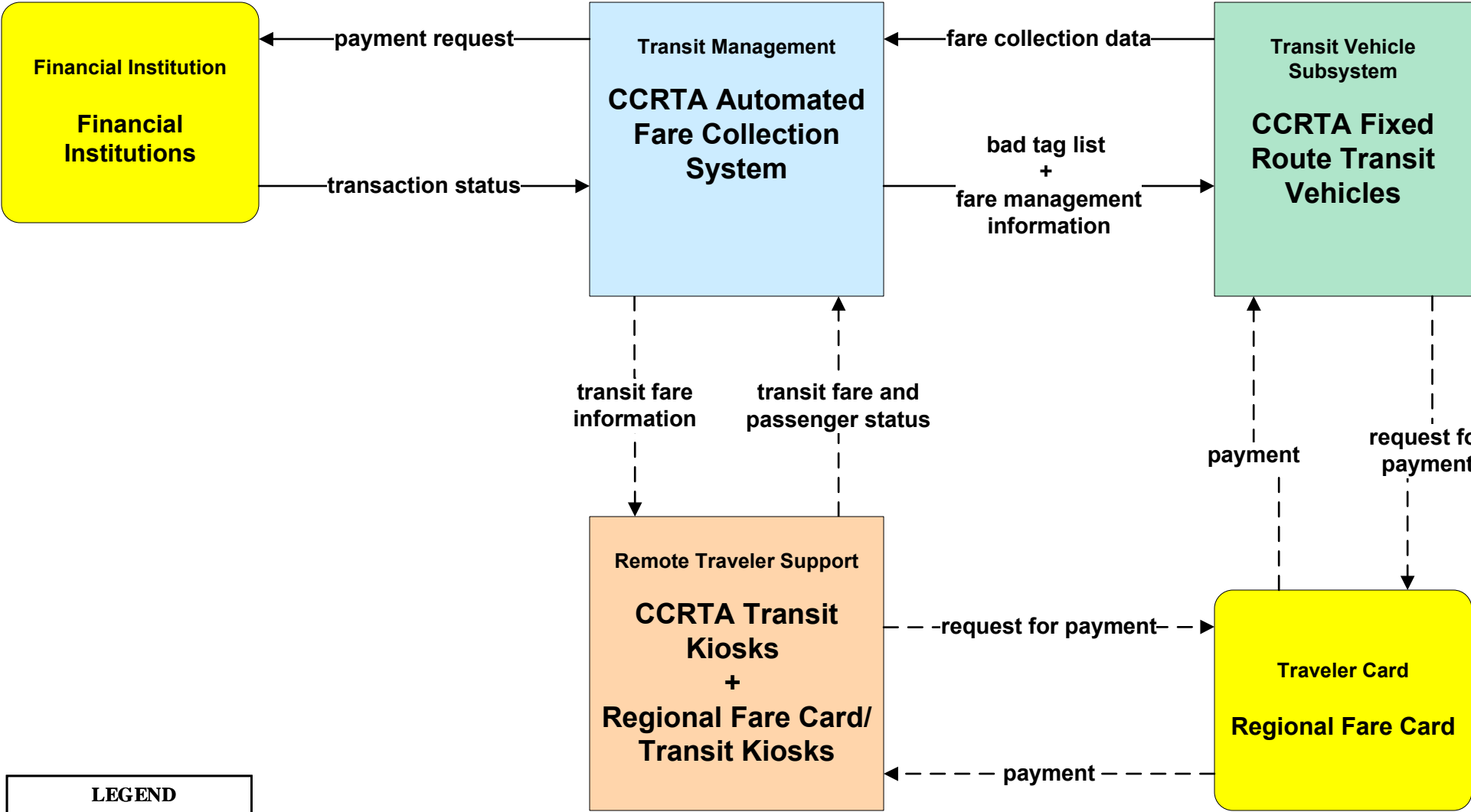
APTS03 - Demand Response and Paratransit Operations SRTA



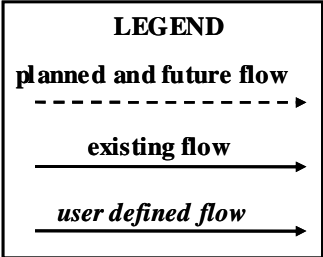
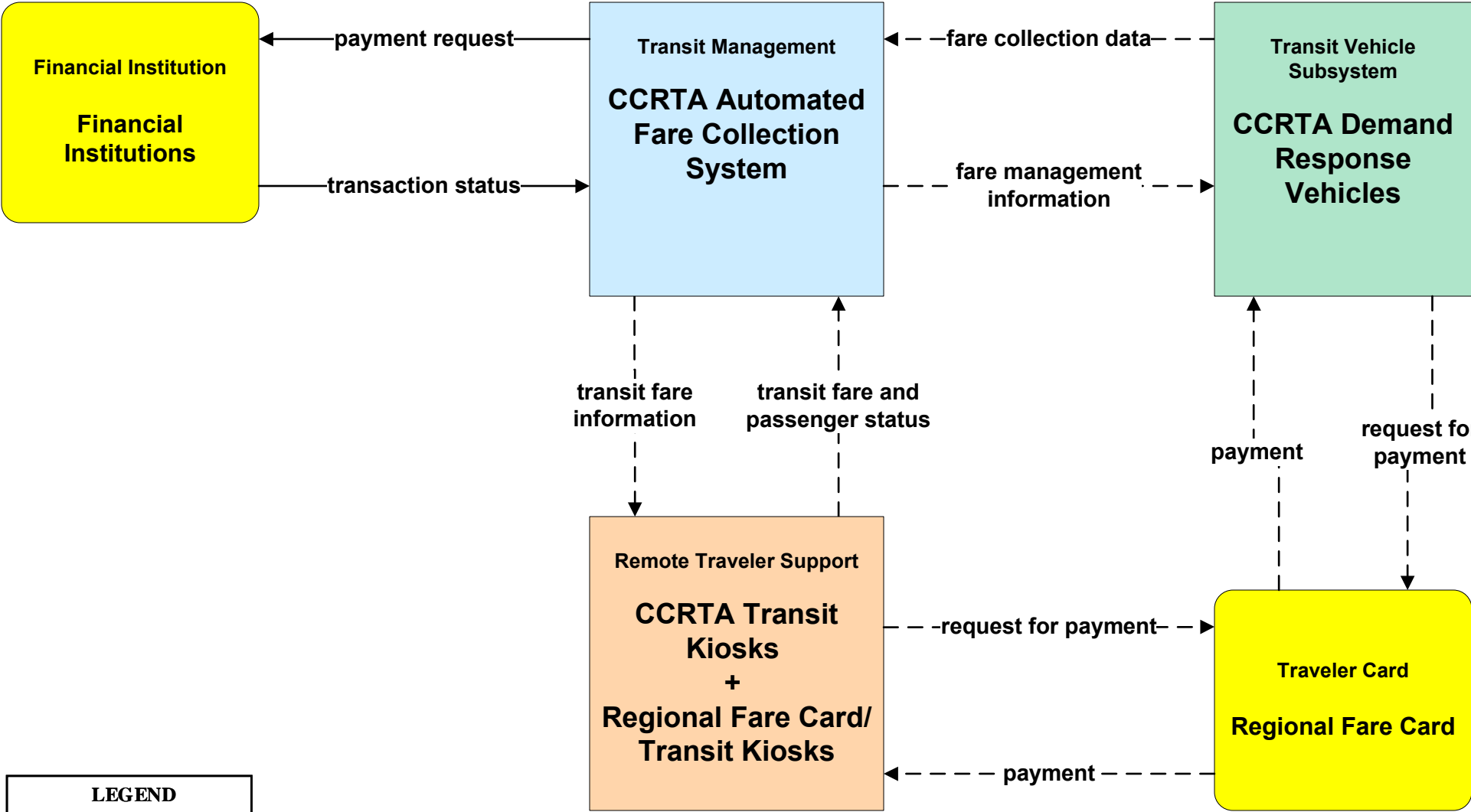
**APTS03 - Demand Response and Paratransit Operations
Local Transit**



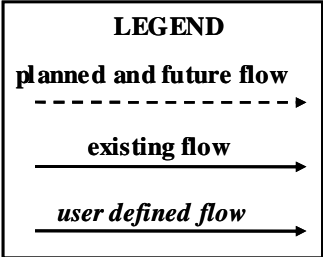
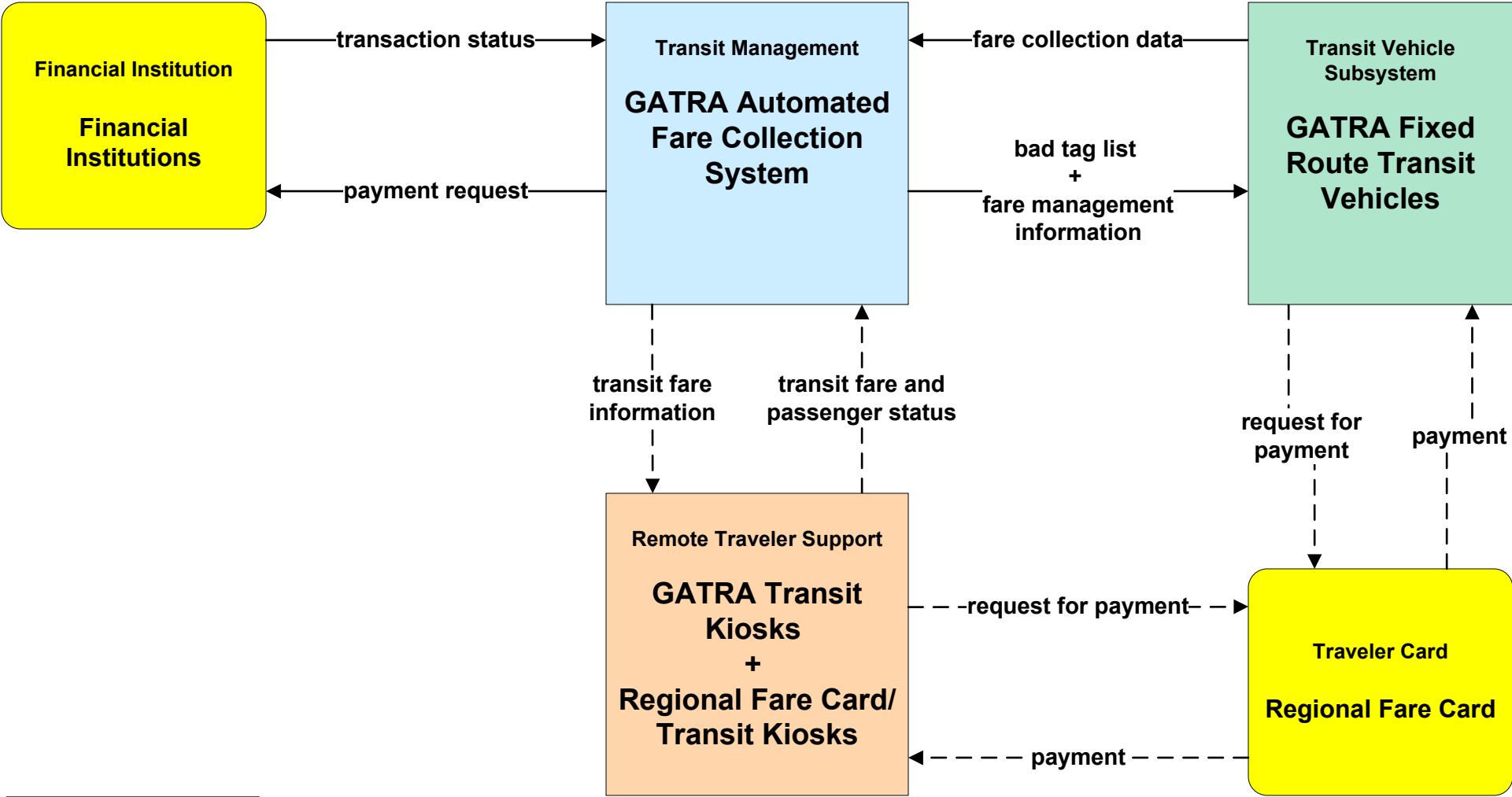
**APTS04 - Transit Passenger and Fare Payment
CCRTA – Fixed Route Vehicles**



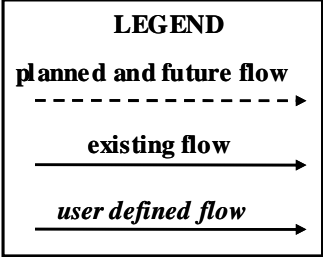
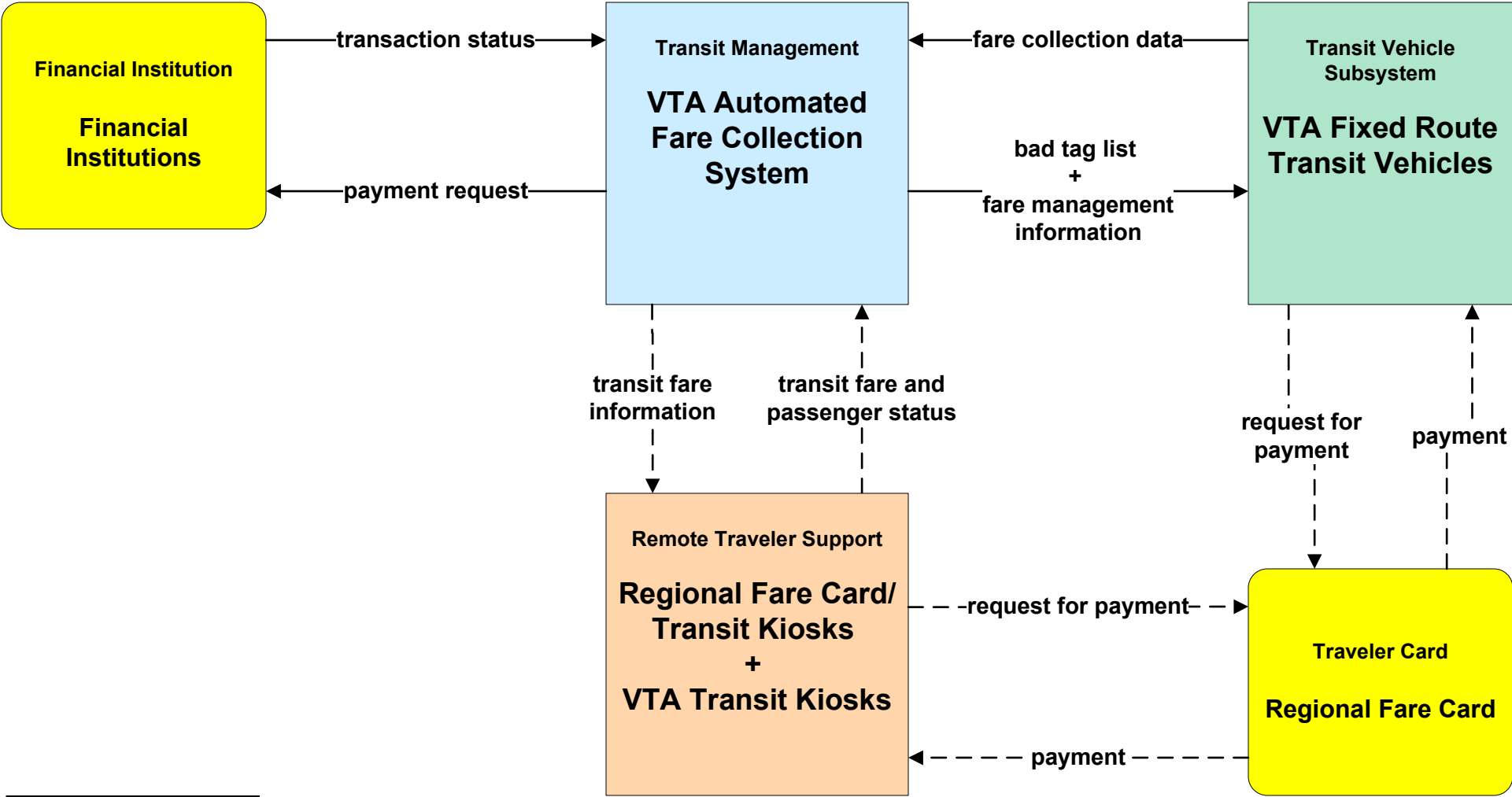
**APTS04 - Transit Passenger and Fare Payment
CCRTA – Demand Response Vehicles**



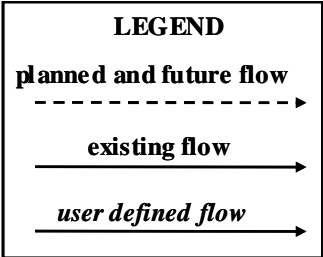
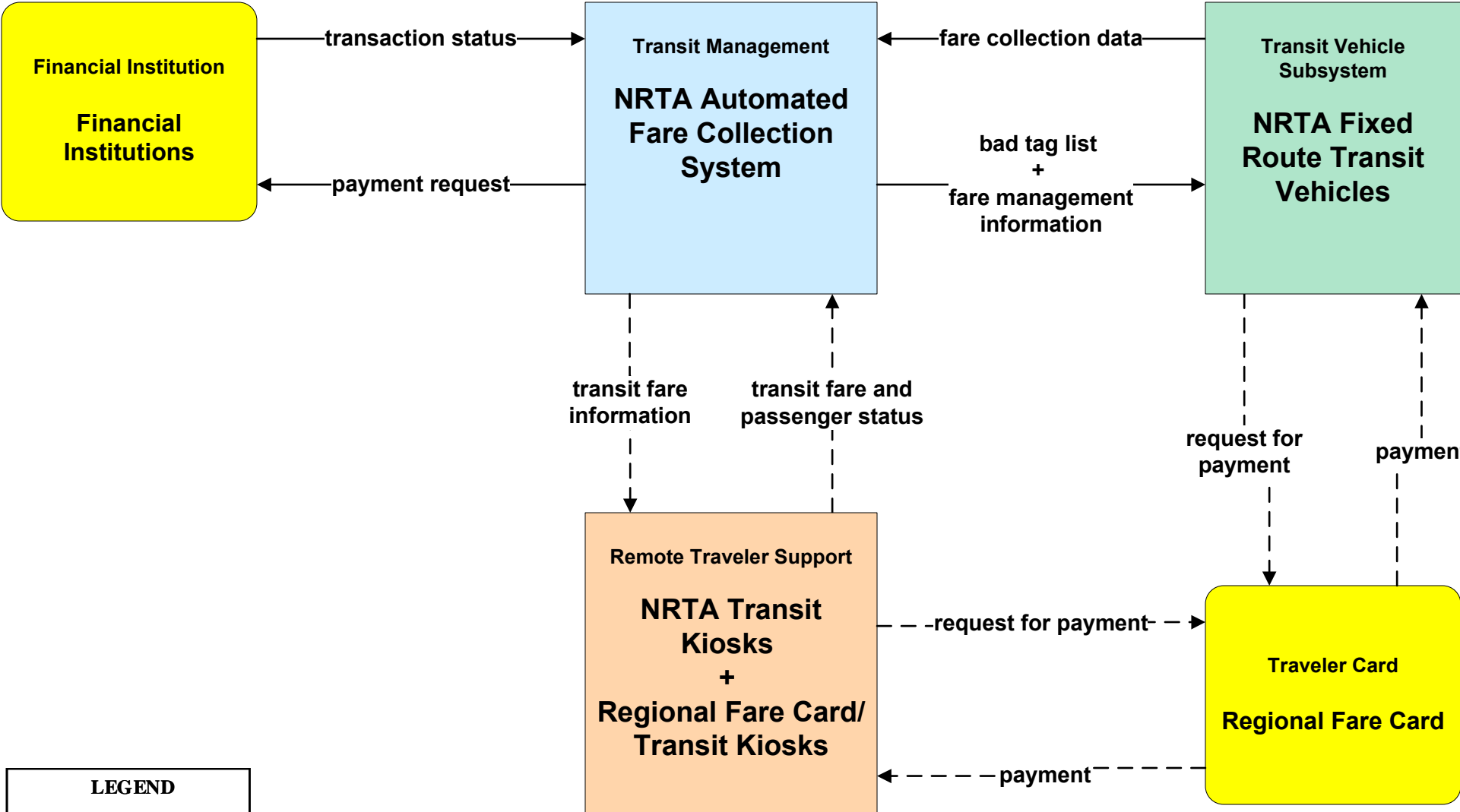
APTS04 - Transit Passenger and Fare Payment GATRA



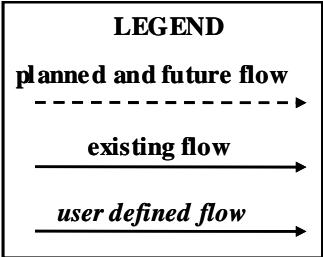
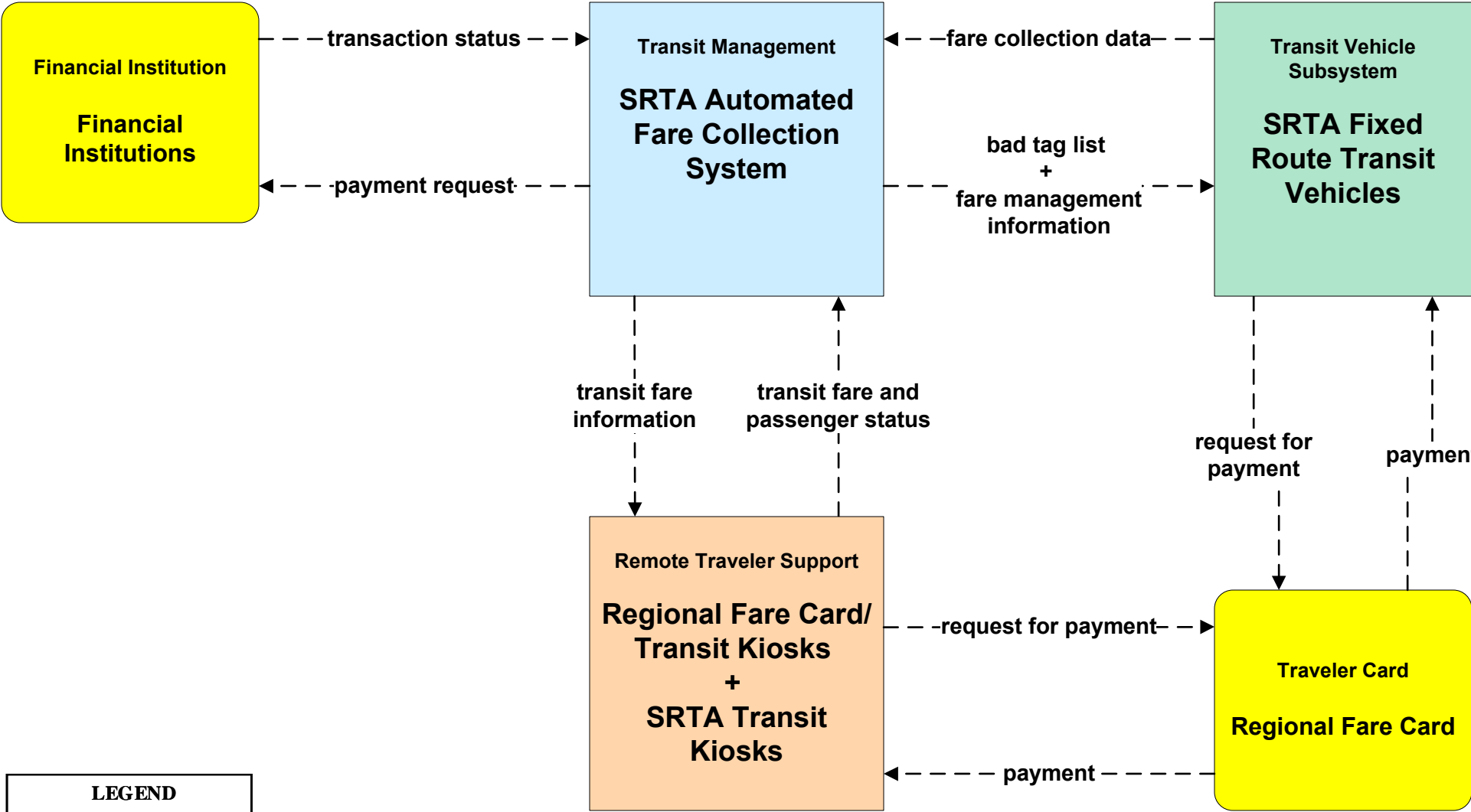
**APTS04 - Transit Passenger and Fare Payment
Martha's Vineyard Regional Transit Authority**



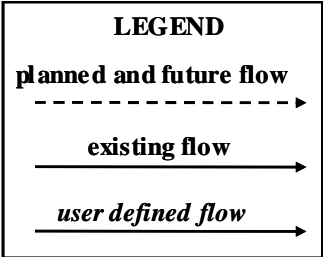
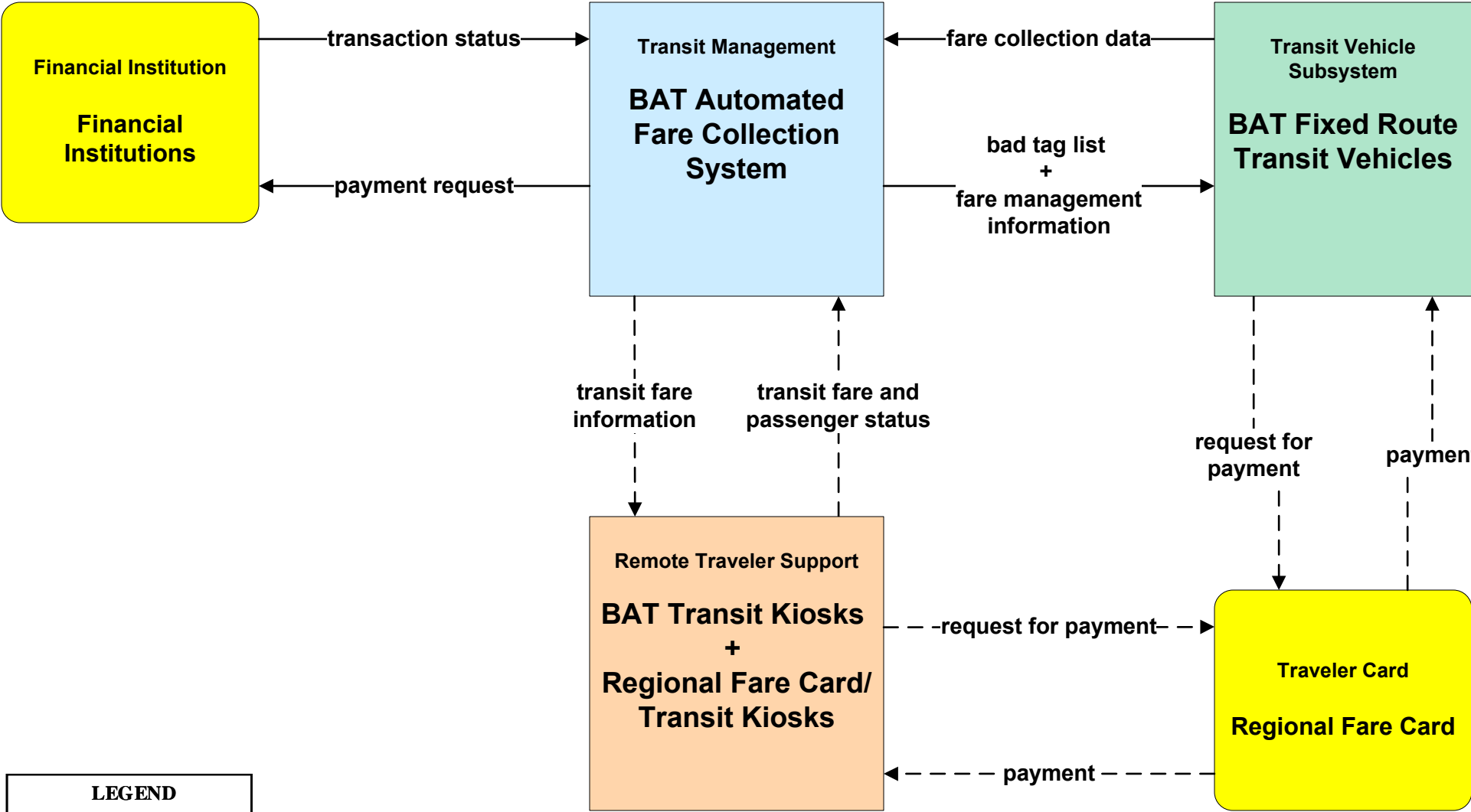
APTS04 - Transit Passenger and Fare Payment Nantucket Regional Transit Authority



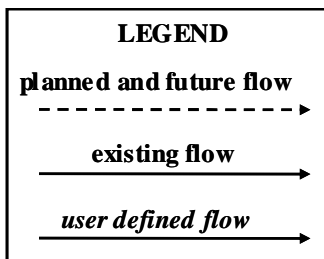
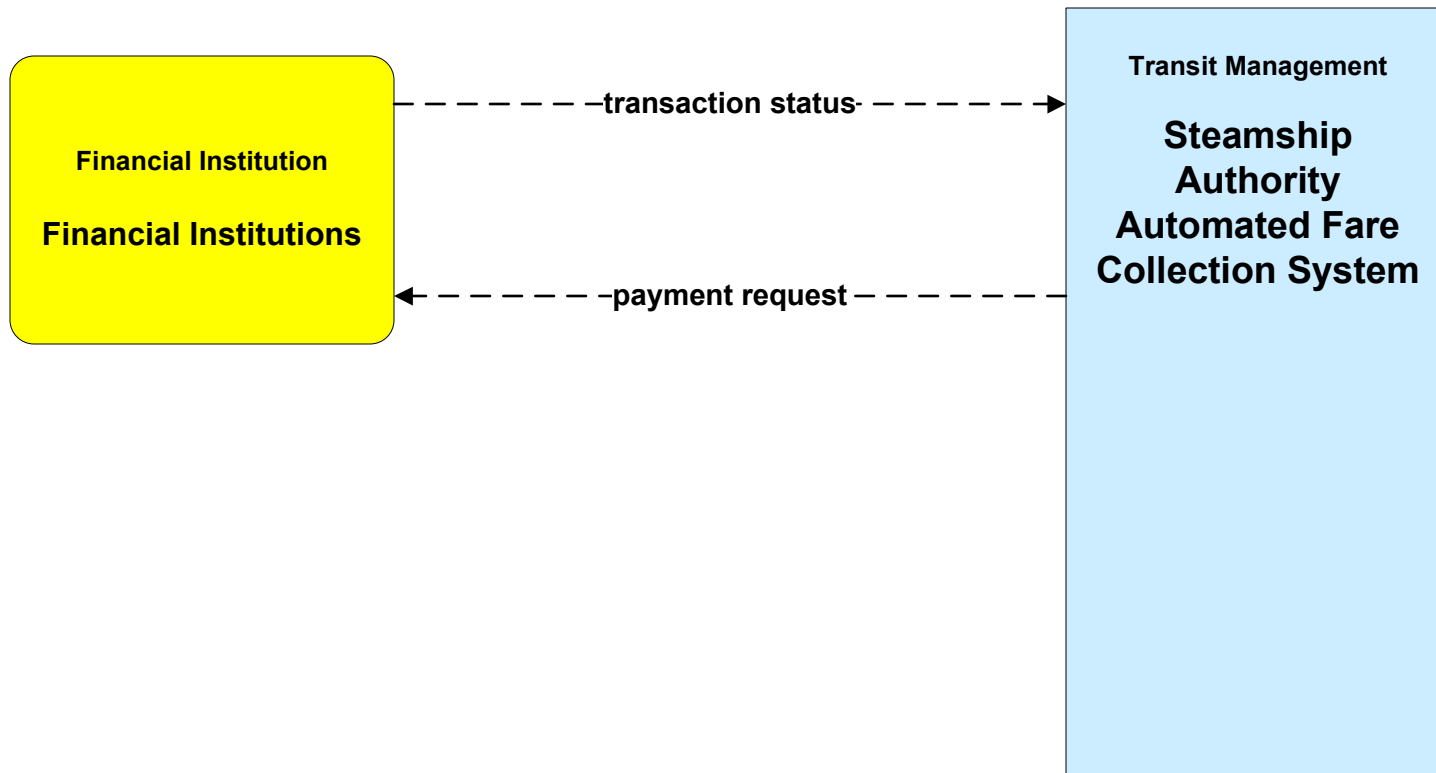
APTS04 - Transit Passenger and Fare Payment SRTA



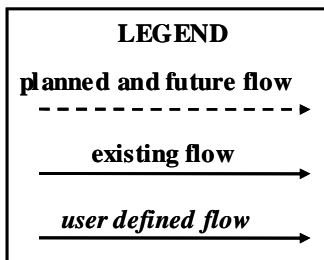
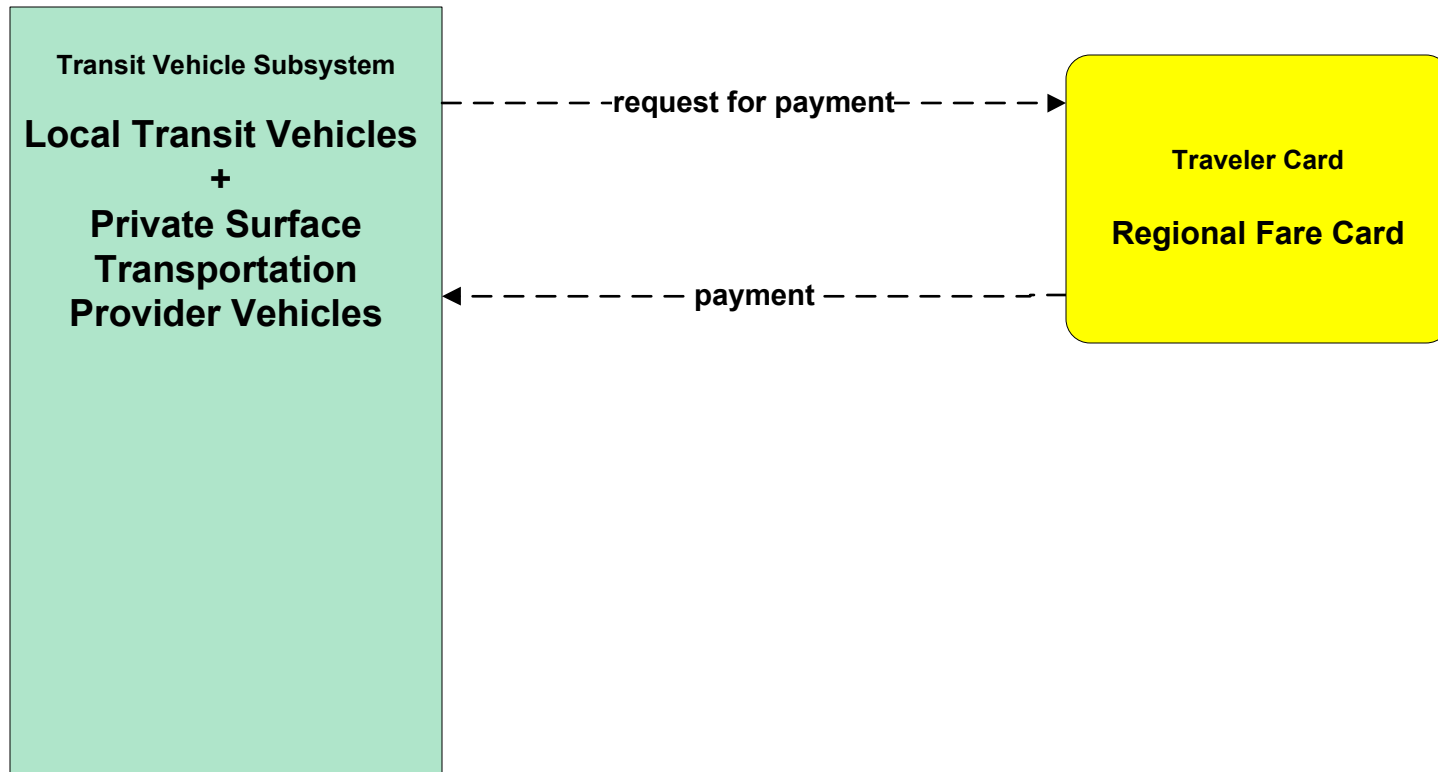
APTS04 - Transit Passenger and Fare Payment BAT



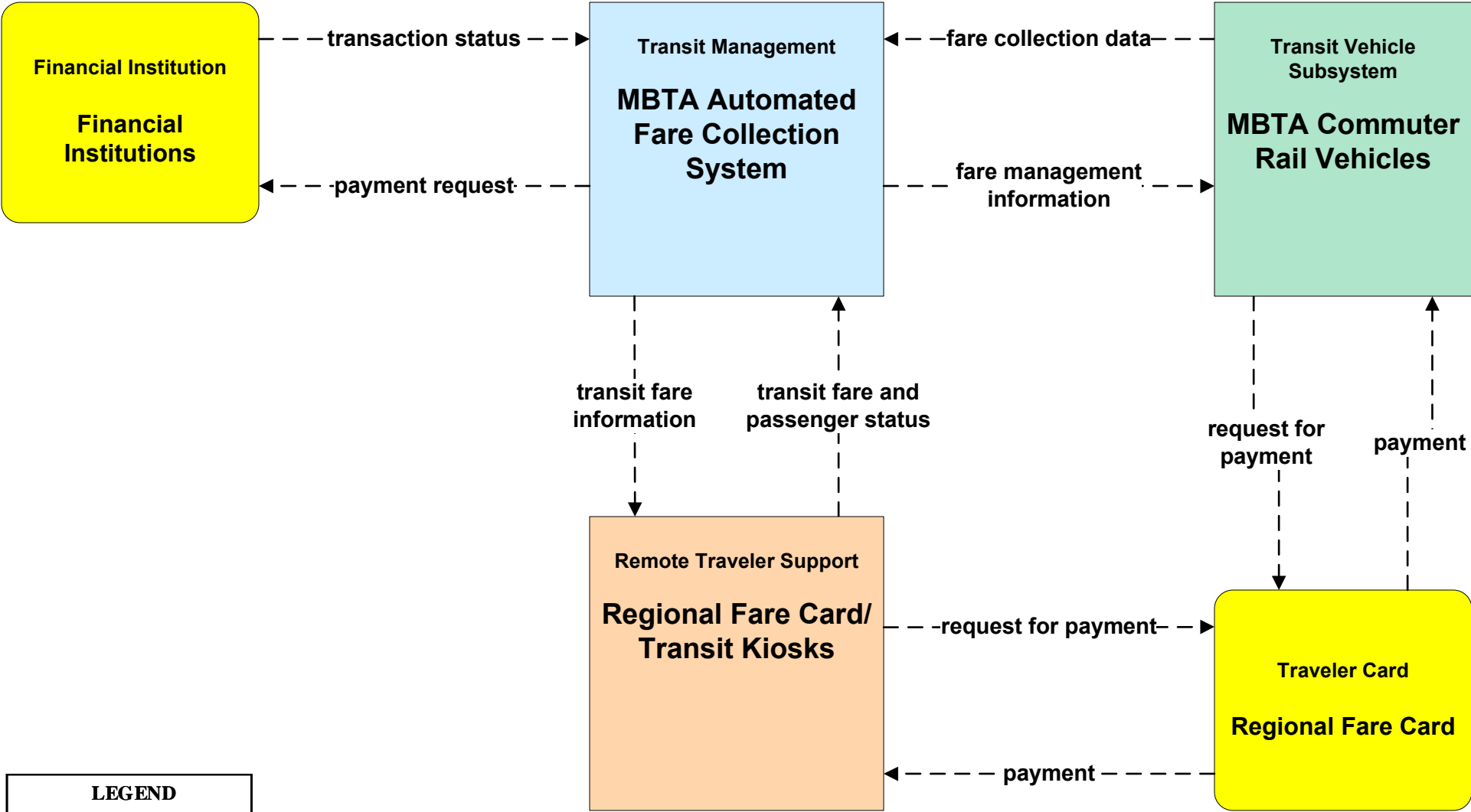
**APTS04 - Transit Passenger and Fare Payment
Steamship Authority**



**APTS04 - Transit Passenger and Fare Payment
Other Transit**



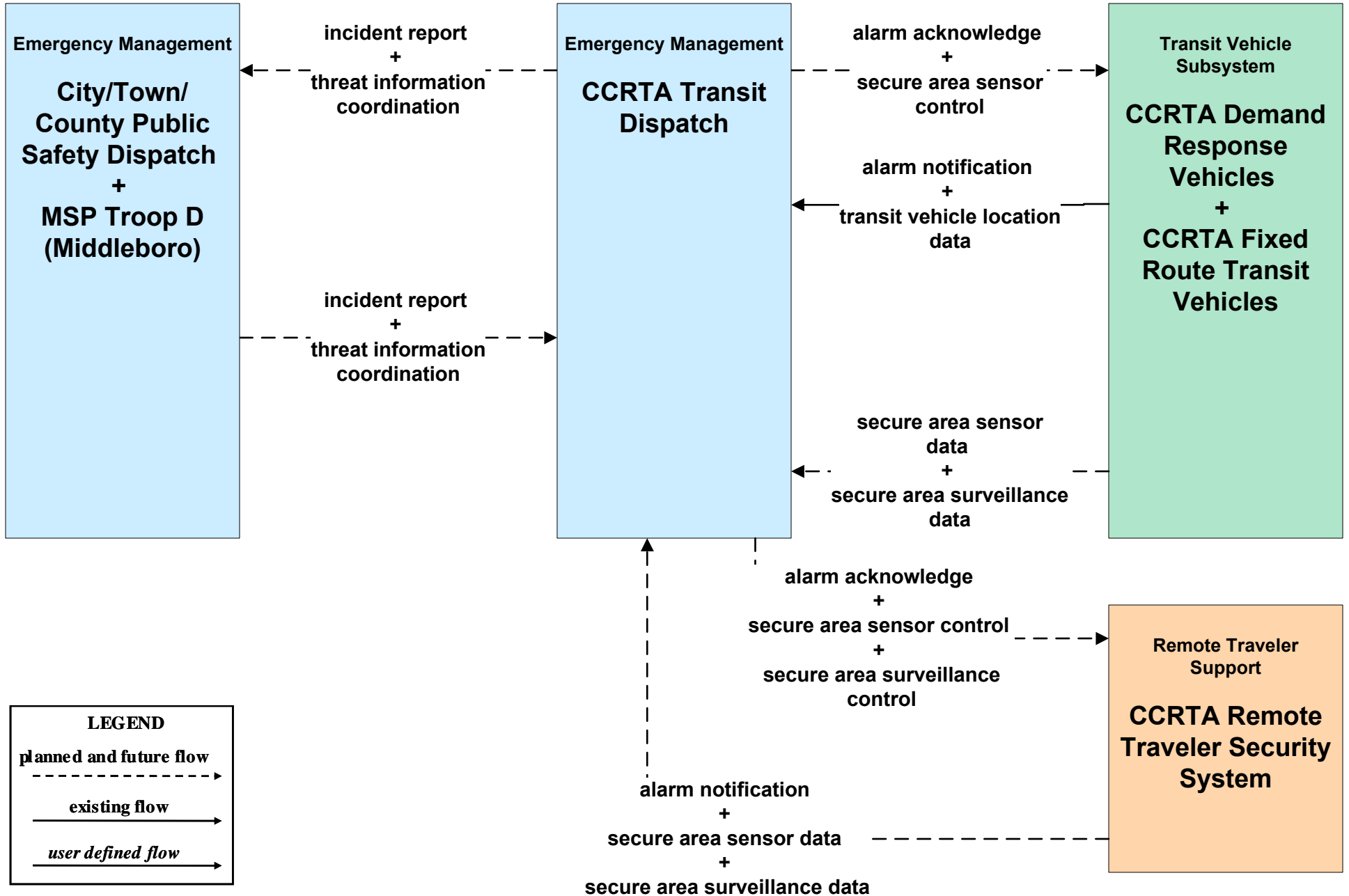
**APTS04 - Transit Passenger and Fare Payment
MBTA**



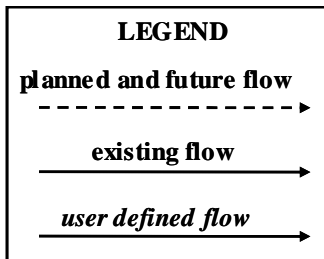
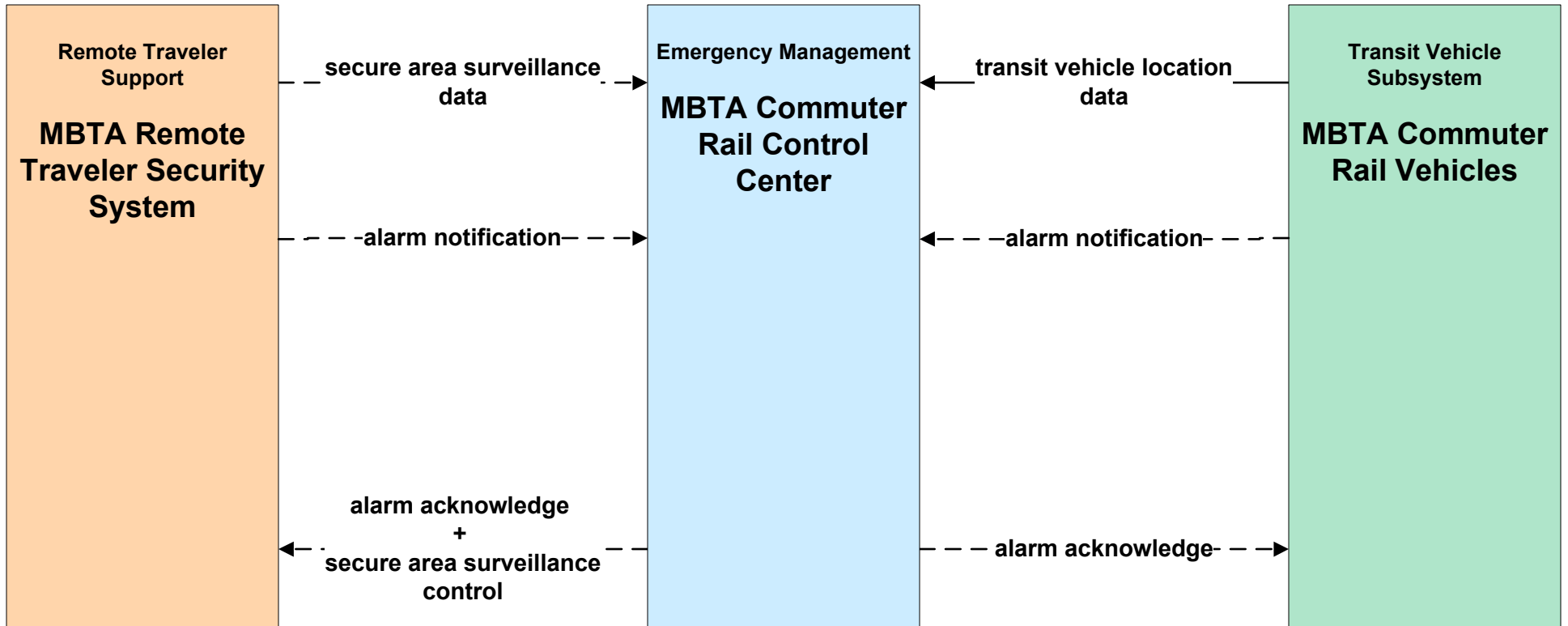
LEGEND

- planned and future flow*
- existing flow*
- user defined flow*

APTS05 - Transit Security CCRTA

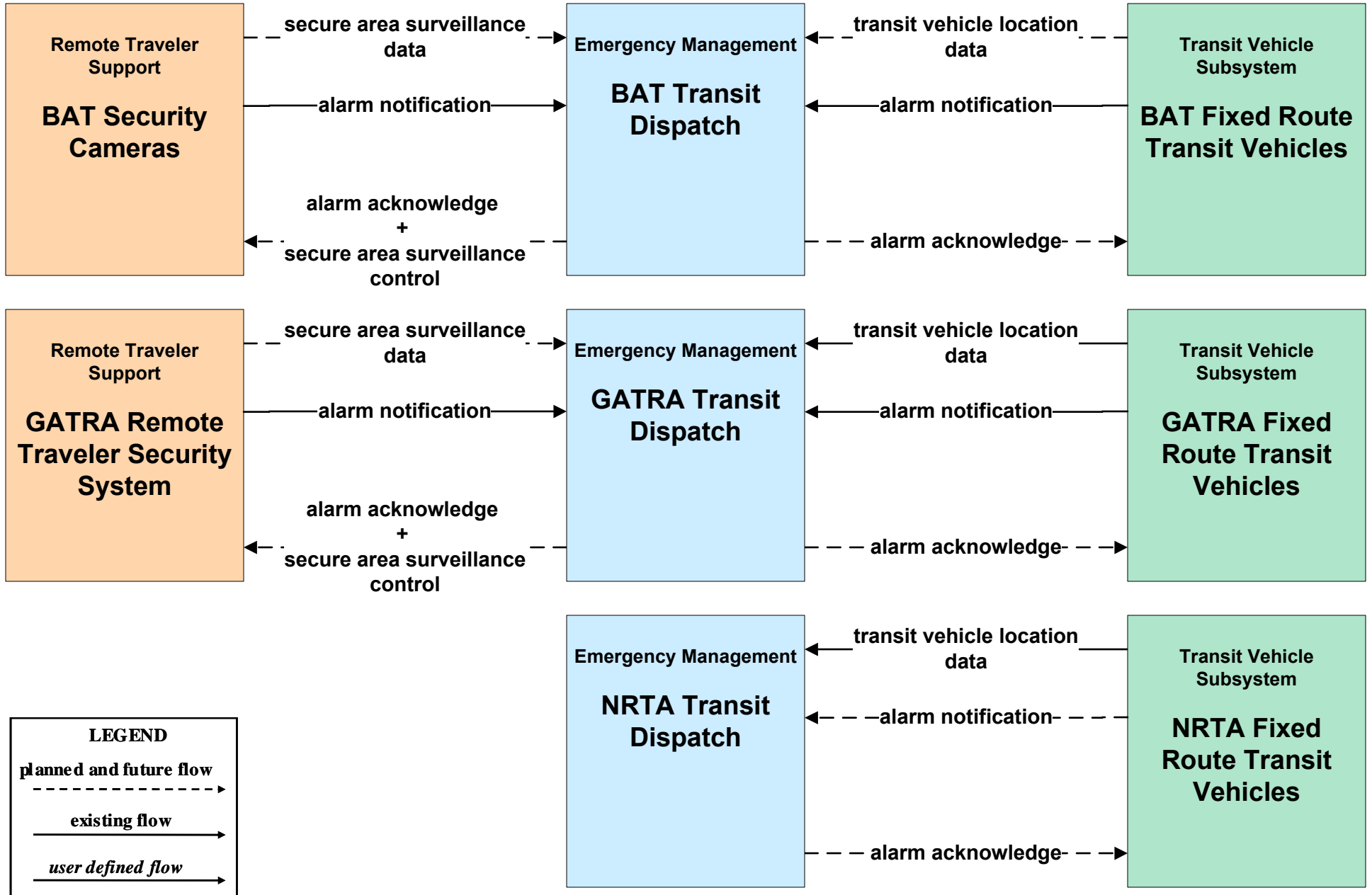


APTS05 - Transit Security MBTA

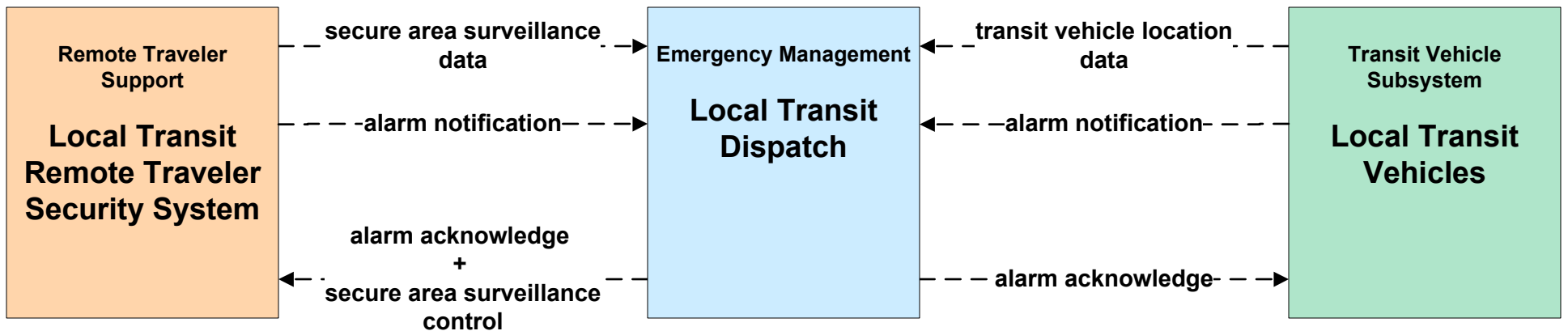
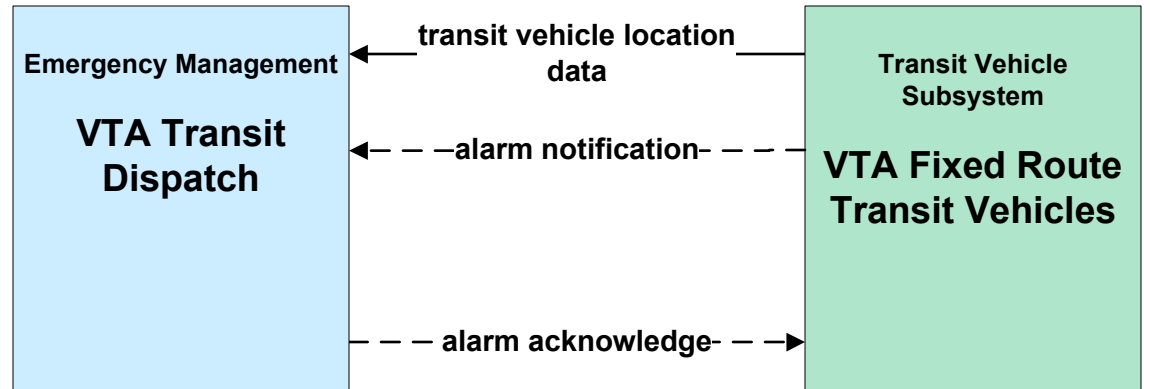
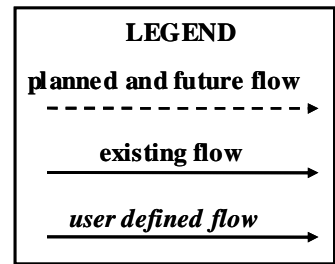
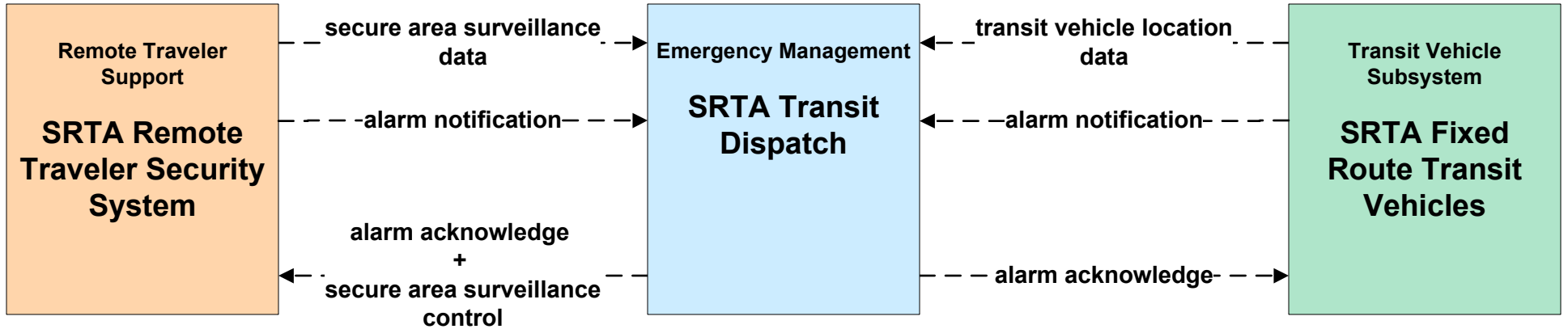


APTS05 - Transit Security

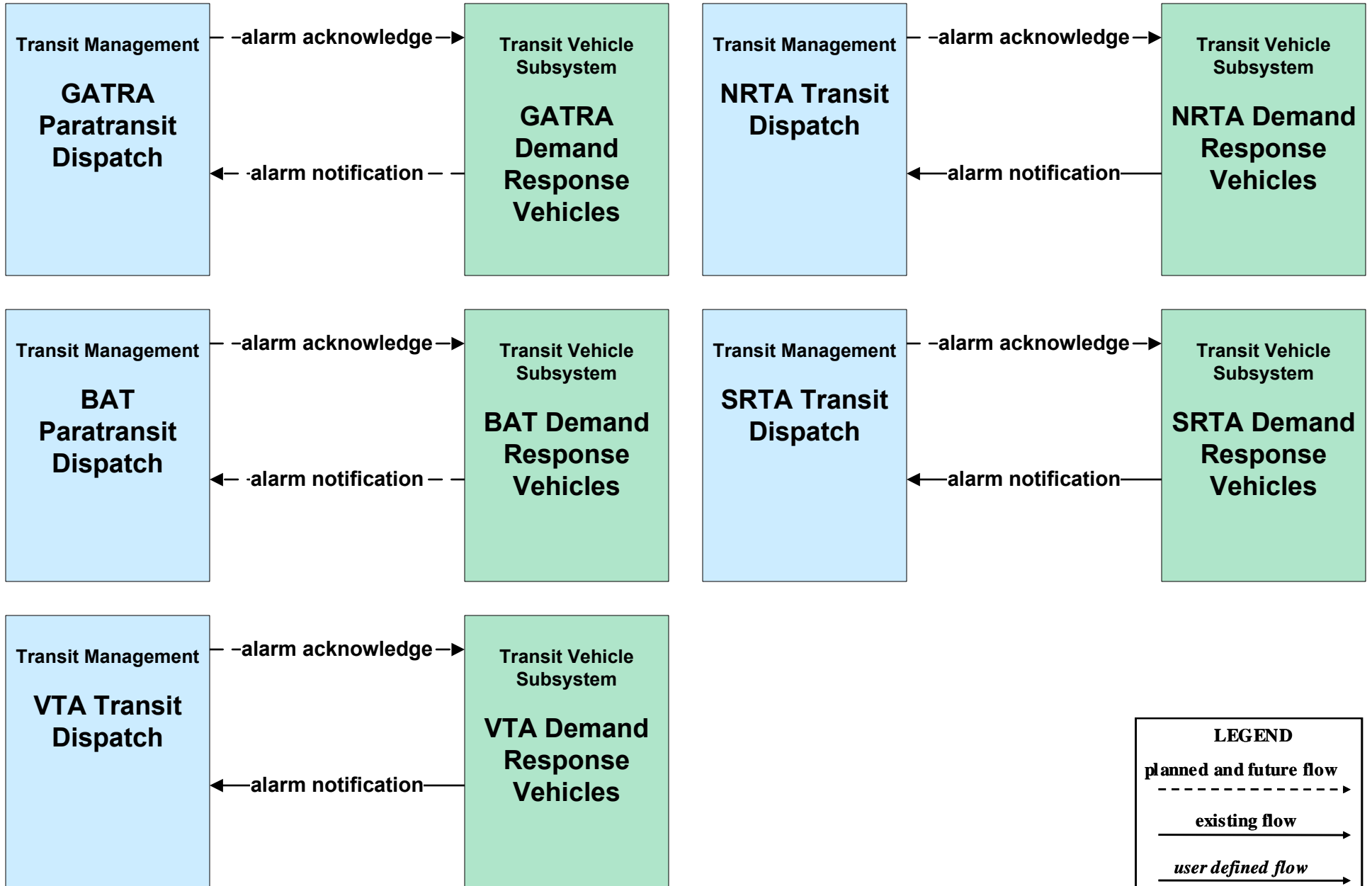
Regional Transit Authorities (1 of 3)



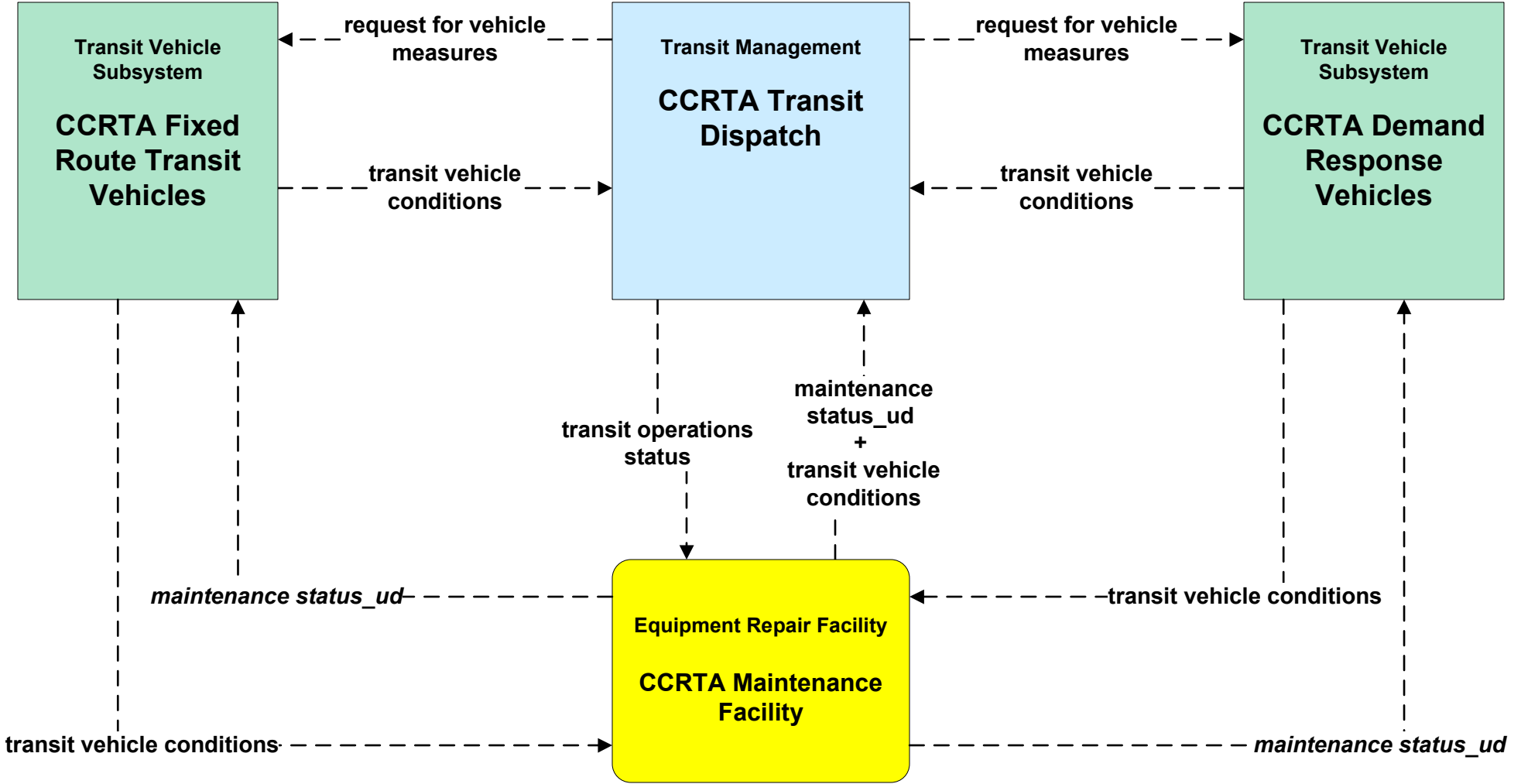
**APTS05 - Transit Security
Regional Transit Authorities (2 of 3)**



**APTS05 - Transit Security
Regional Transit Authorities (3 of 3)**



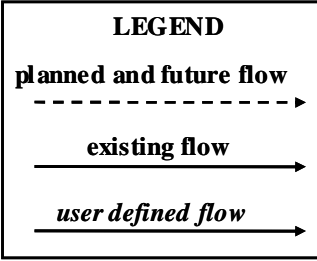
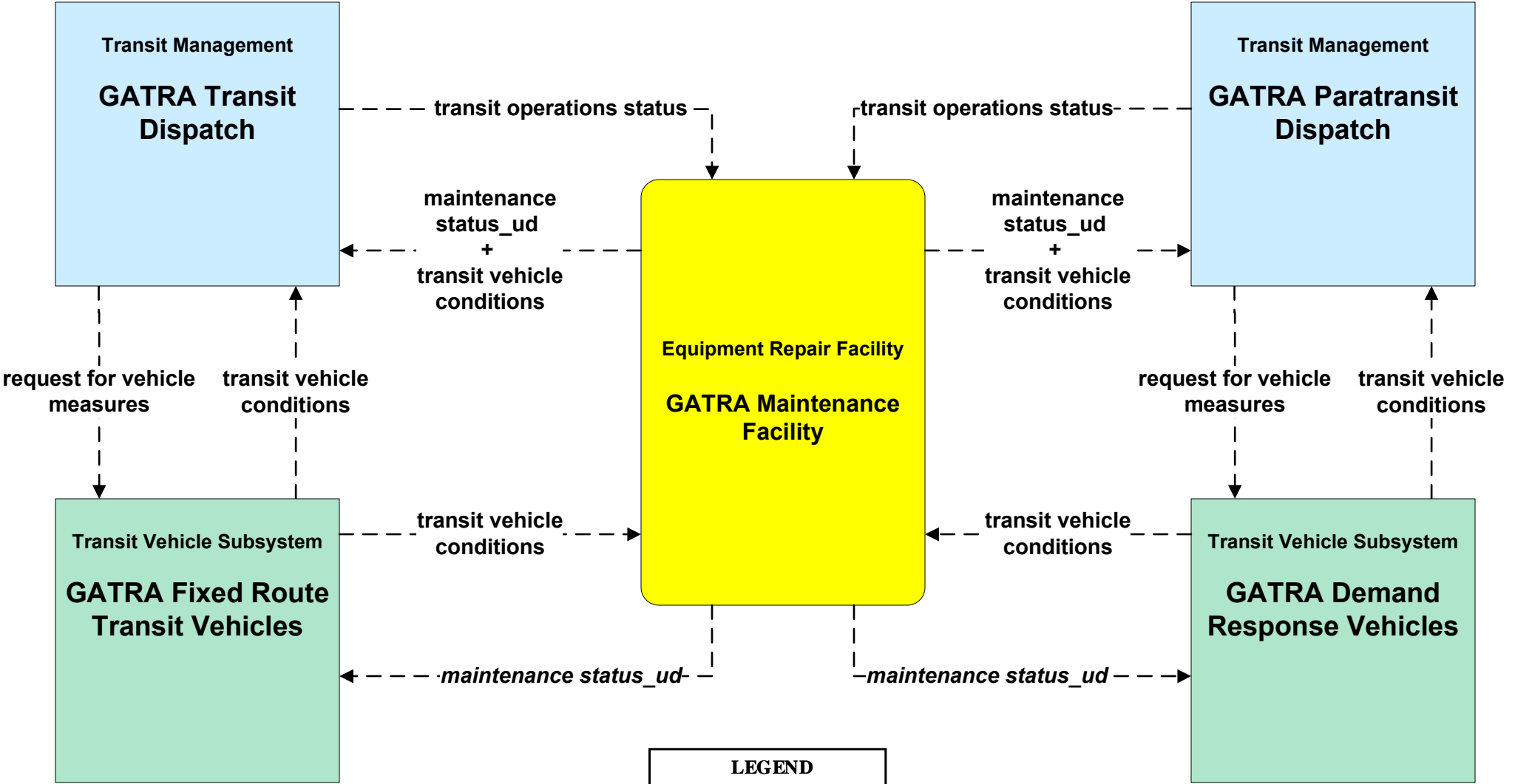
APTS06 - Transit Vehicle Maintenance CCRTA



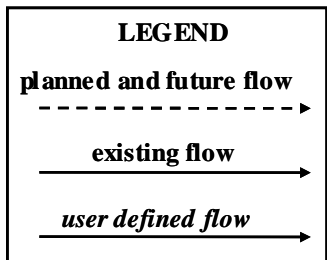
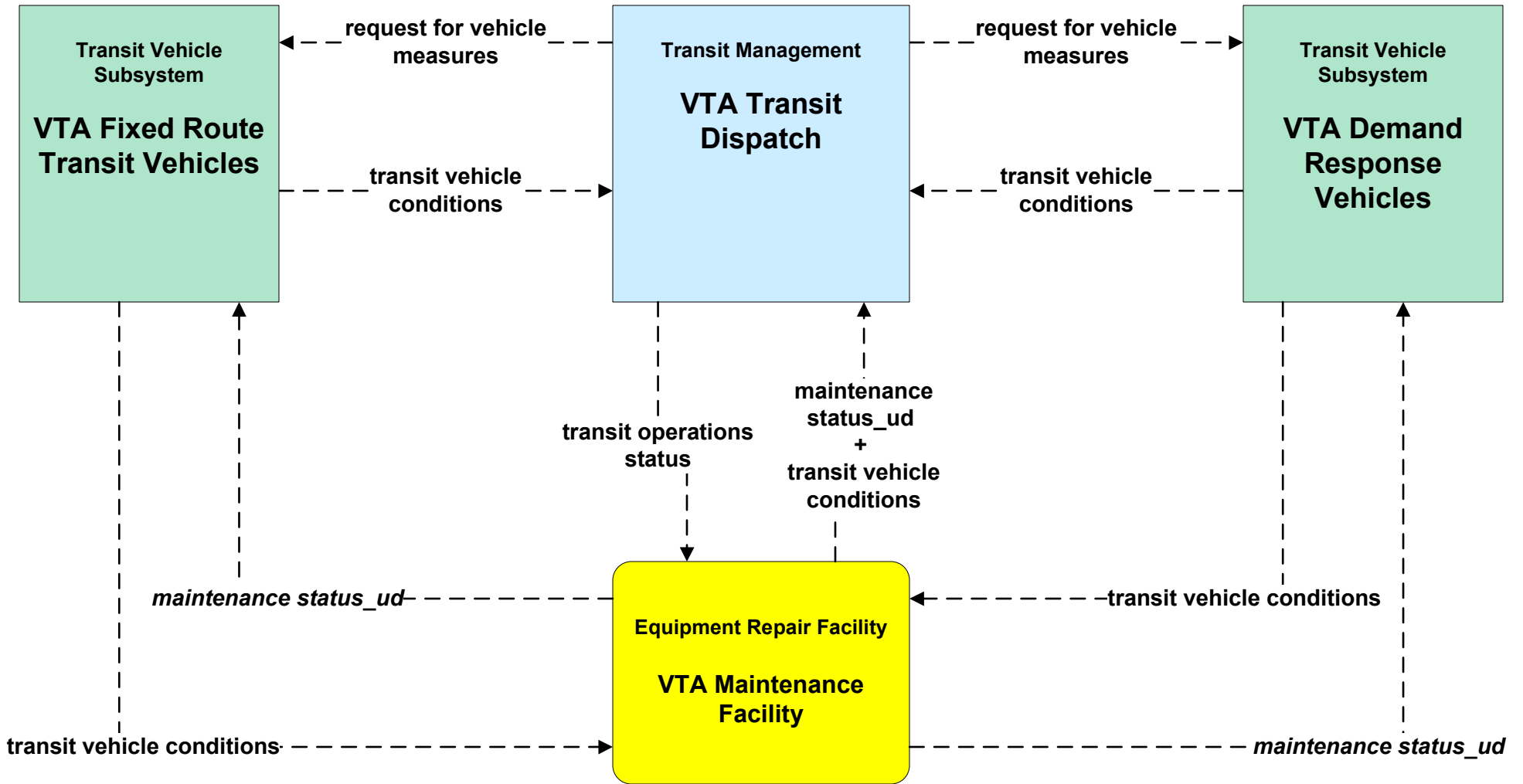
LEGEND

- planned and future flow**
- - - - ->
- existing flow**
—————>
- user defined flow**
—————>

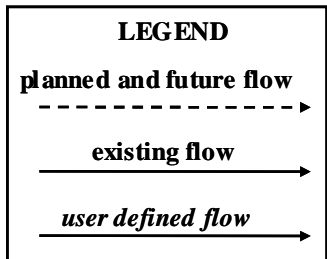
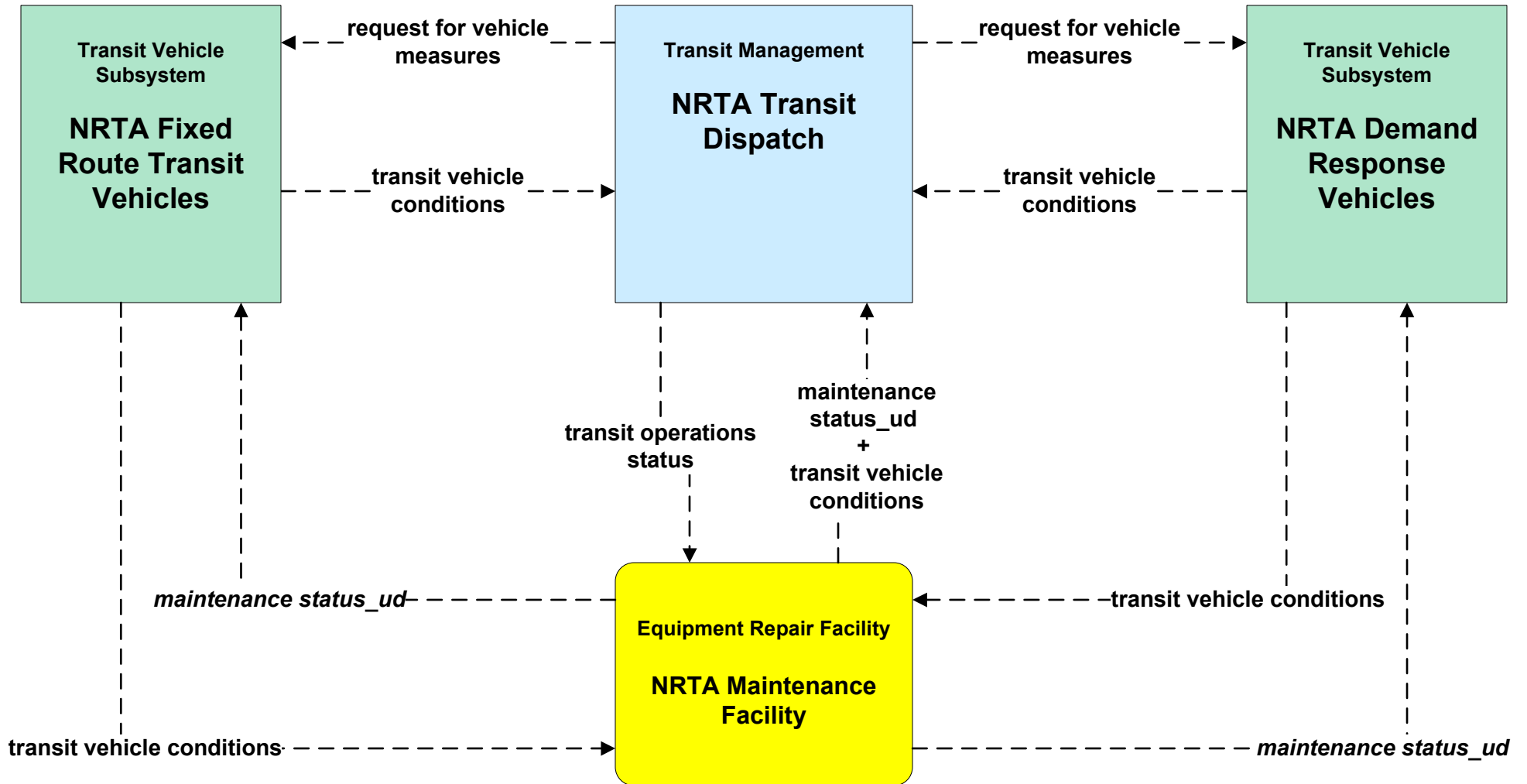
**APTS06 - Transit Vehicle Maintenance
GATRA**



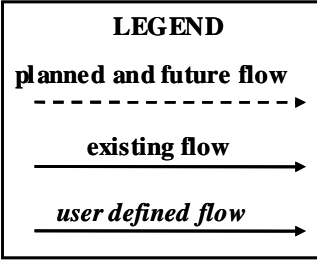
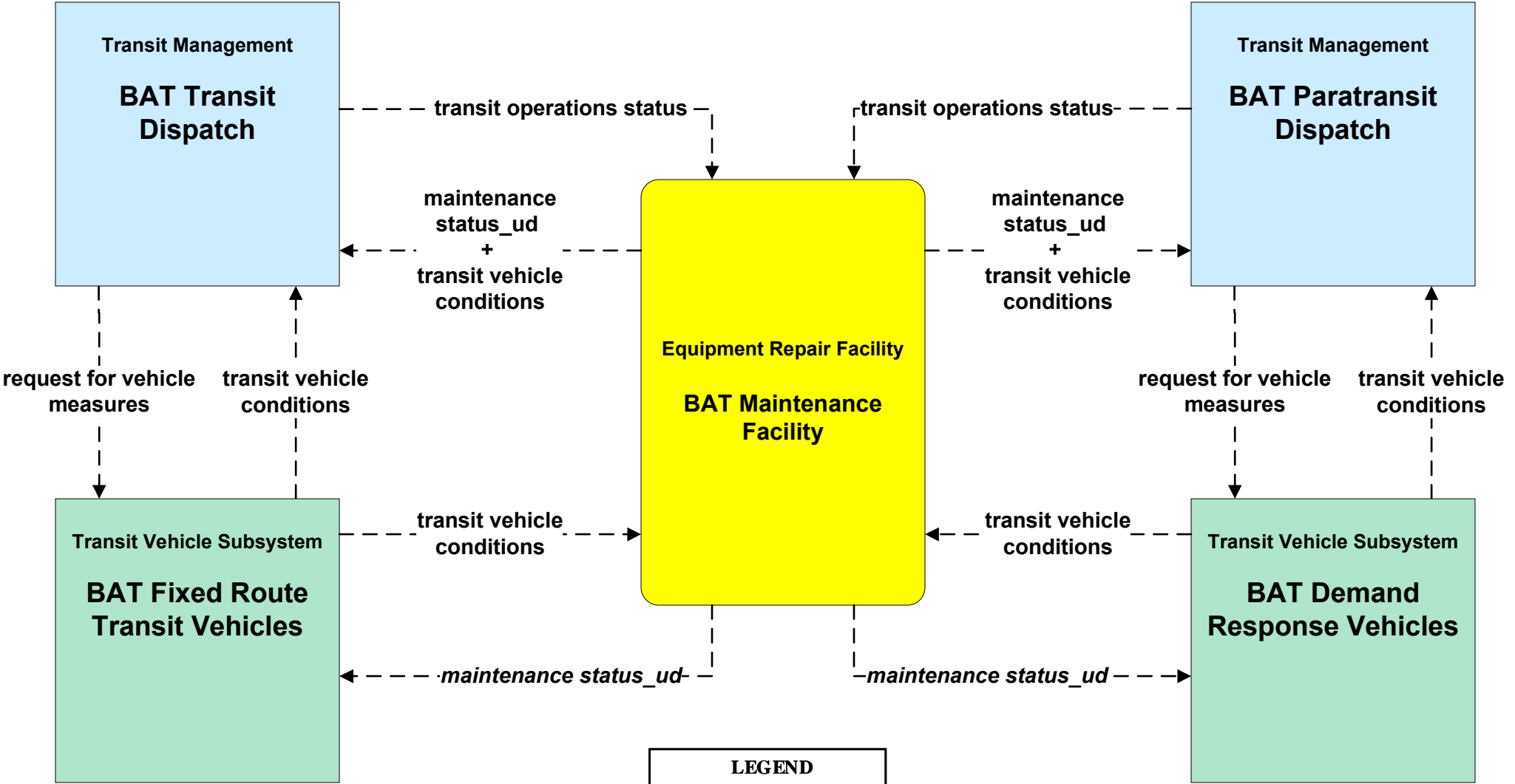
APTS06 - Transit Vehicle Maintenance VTA



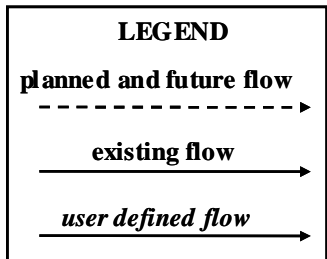
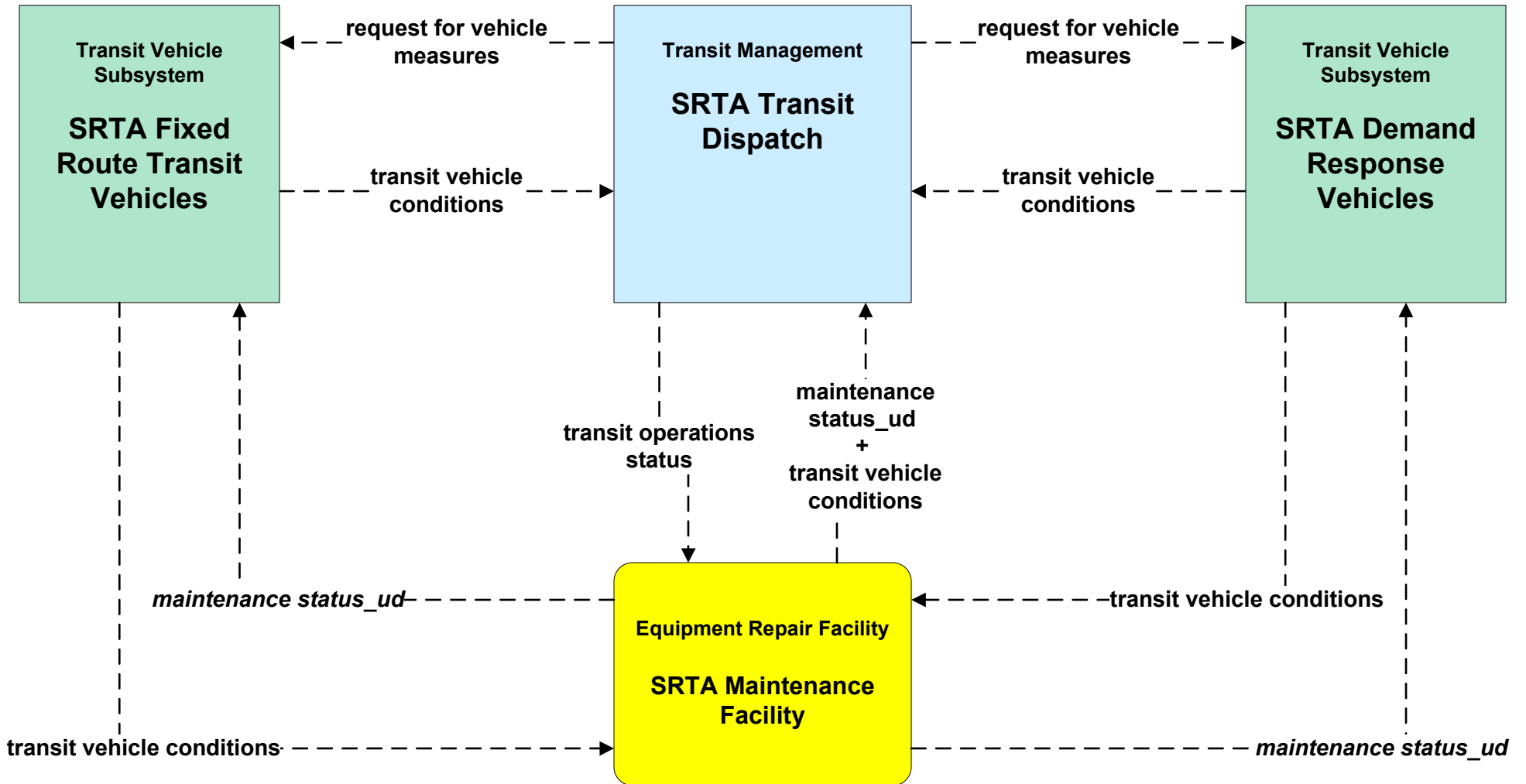
APTS06 - Transit Vehicle Maintenance NRTA



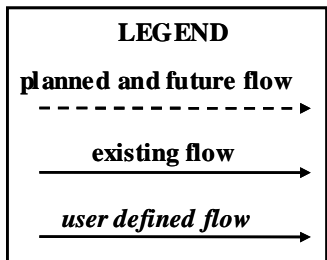
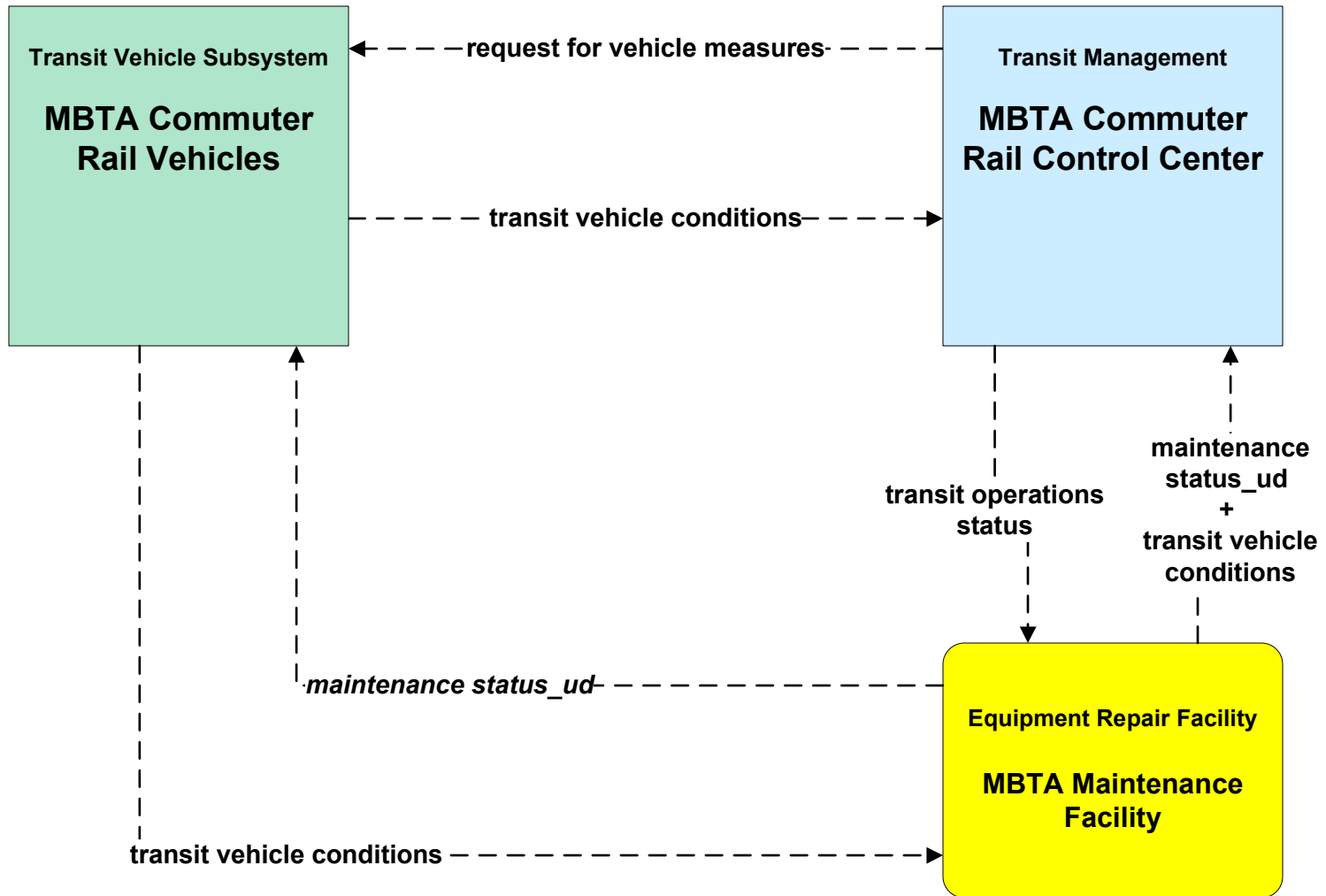
APTS06 - Transit Vehicle Maintenance BAT



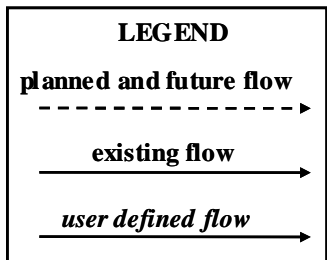
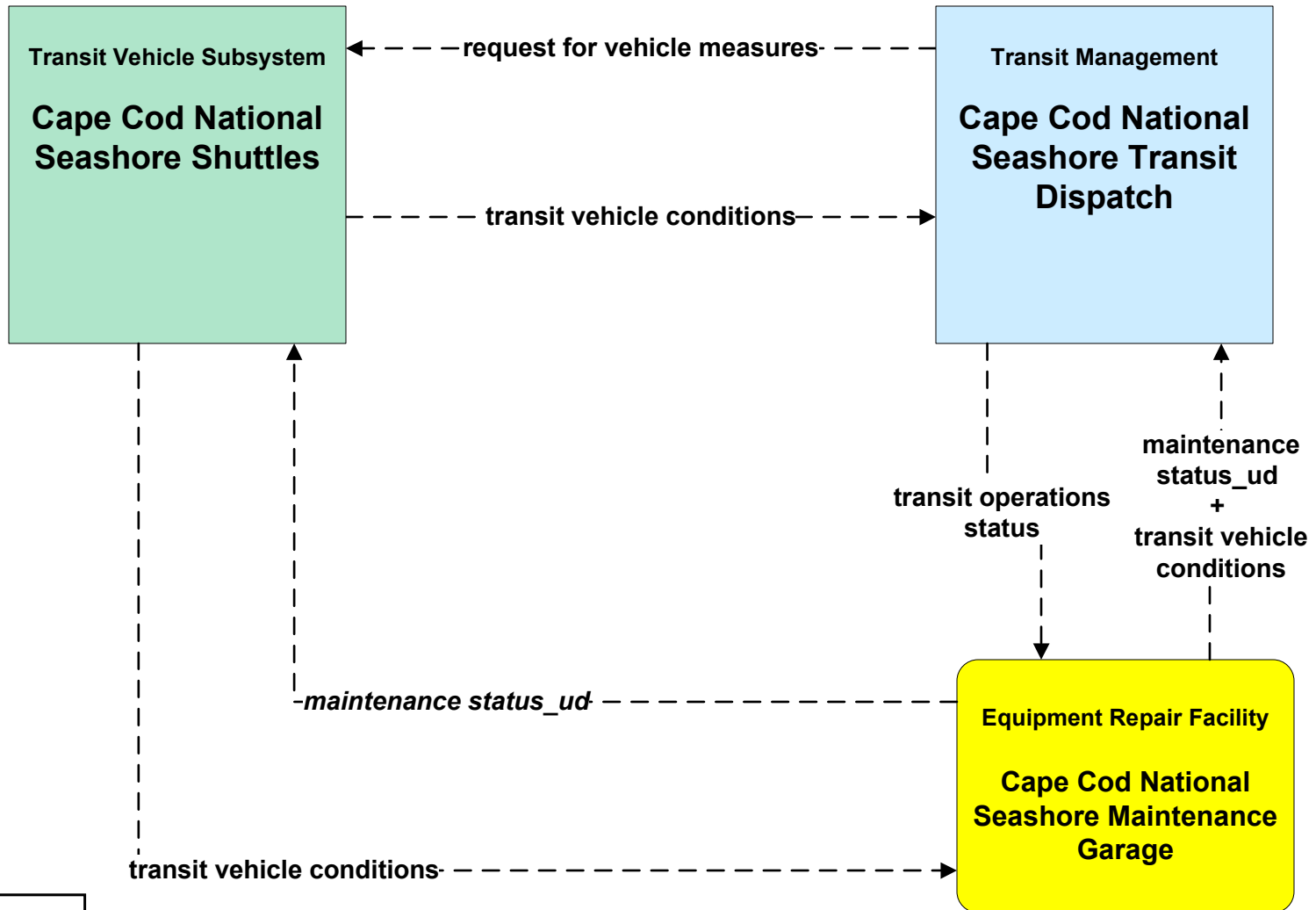
APTS06 - Transit Vehicle Maintenance SRTA



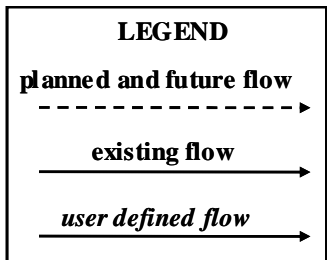
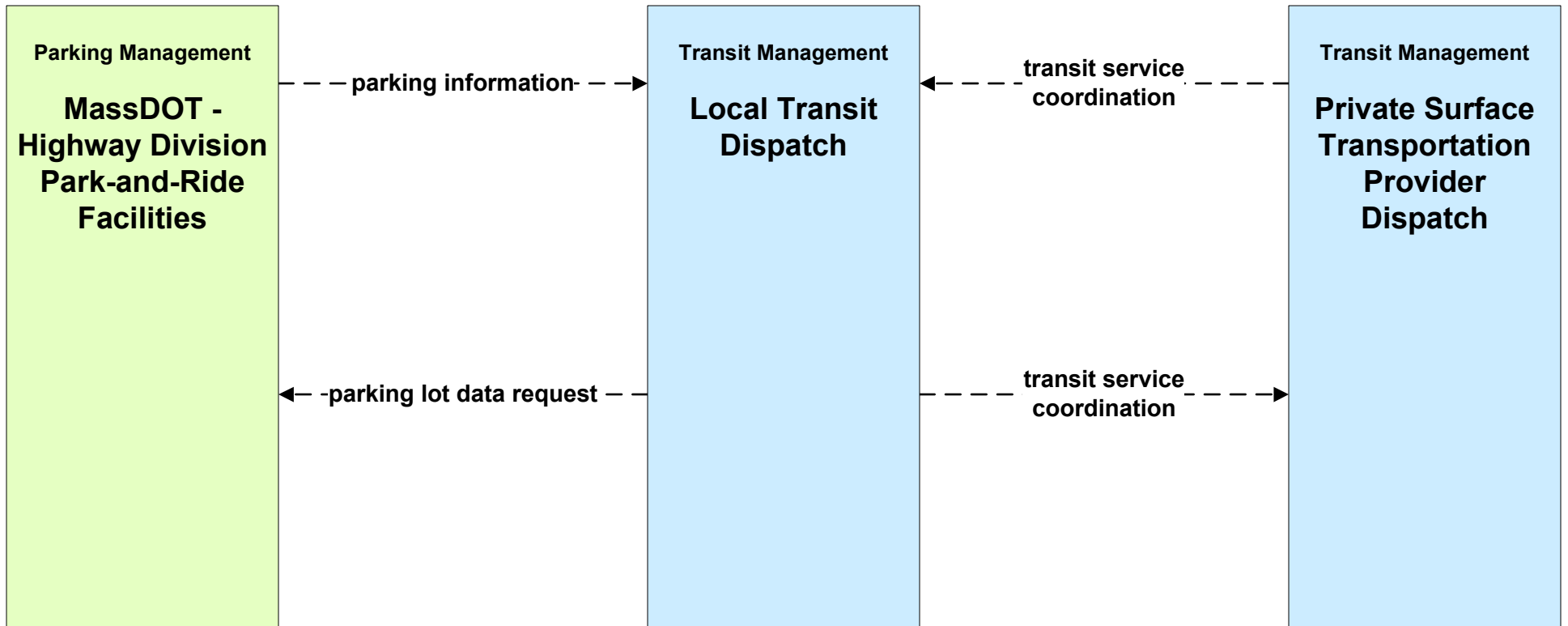
**APTS06 - Transit Vehicle Maintenance
MBTA**



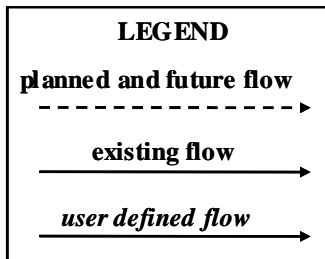
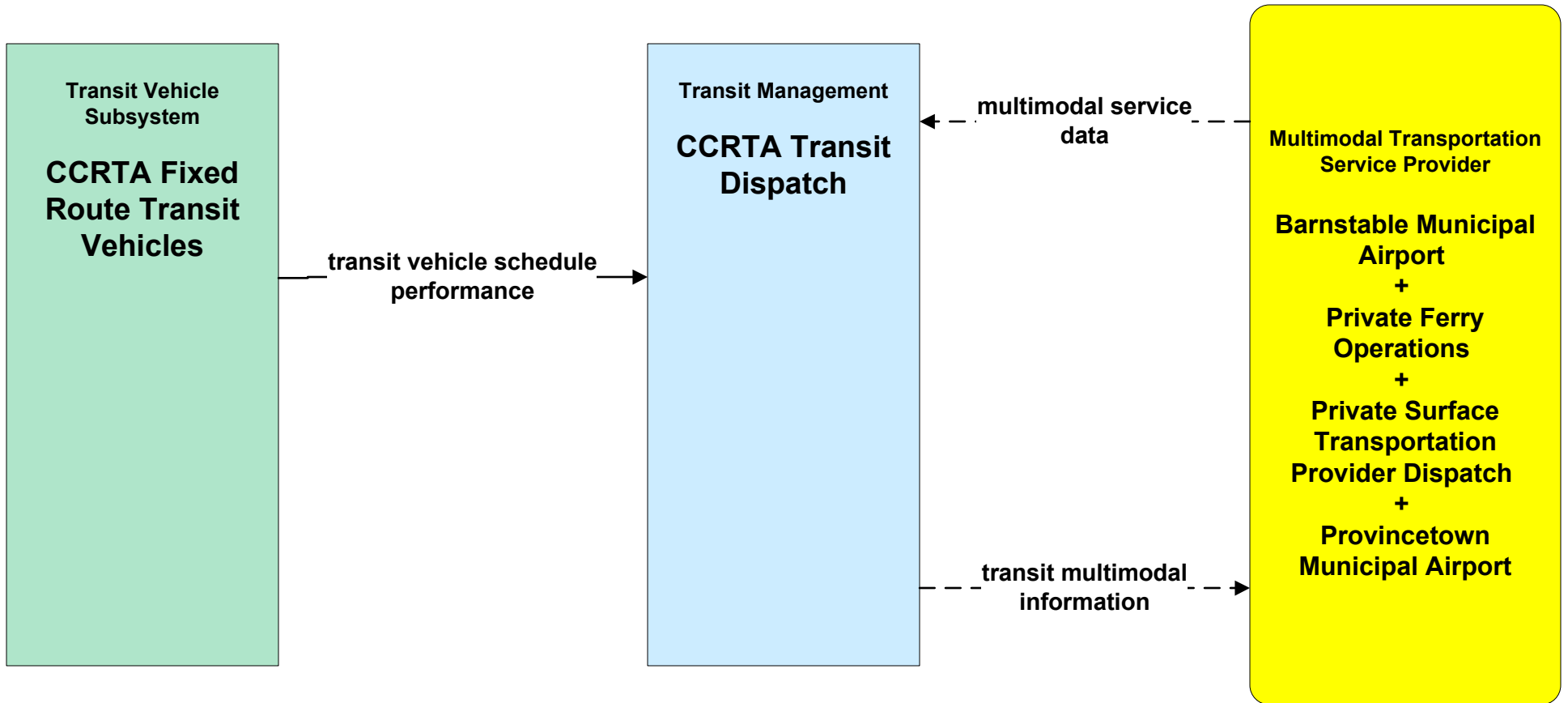
**APTS06 - Transit Vehicle Maintenance
Cape Cod National Seashore**



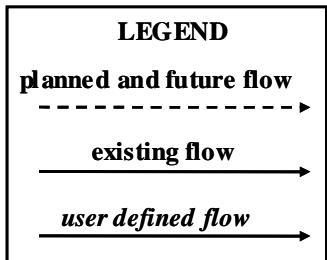
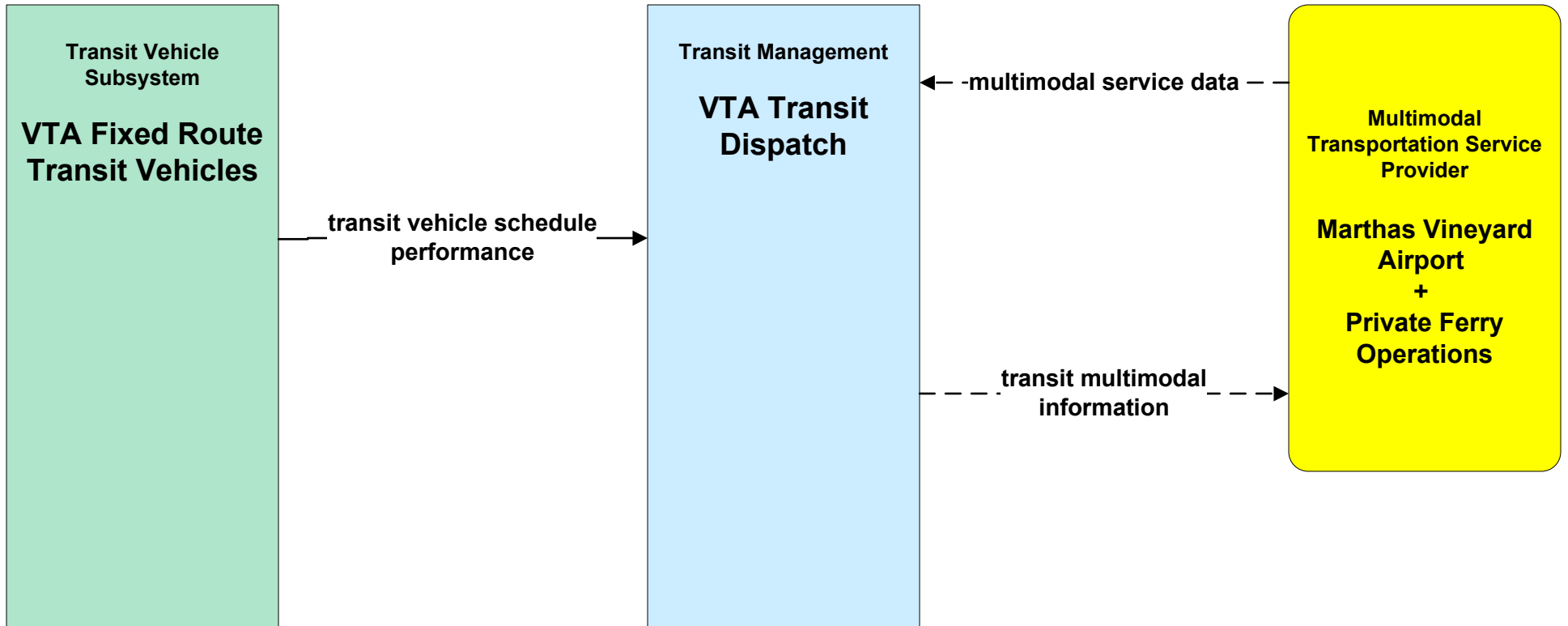
**APTS07 - Multimodal Coordination
MassDOT – Highway Division**



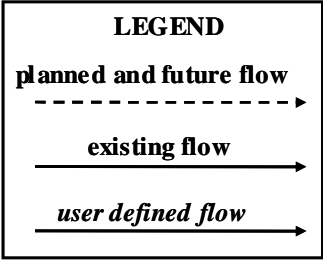
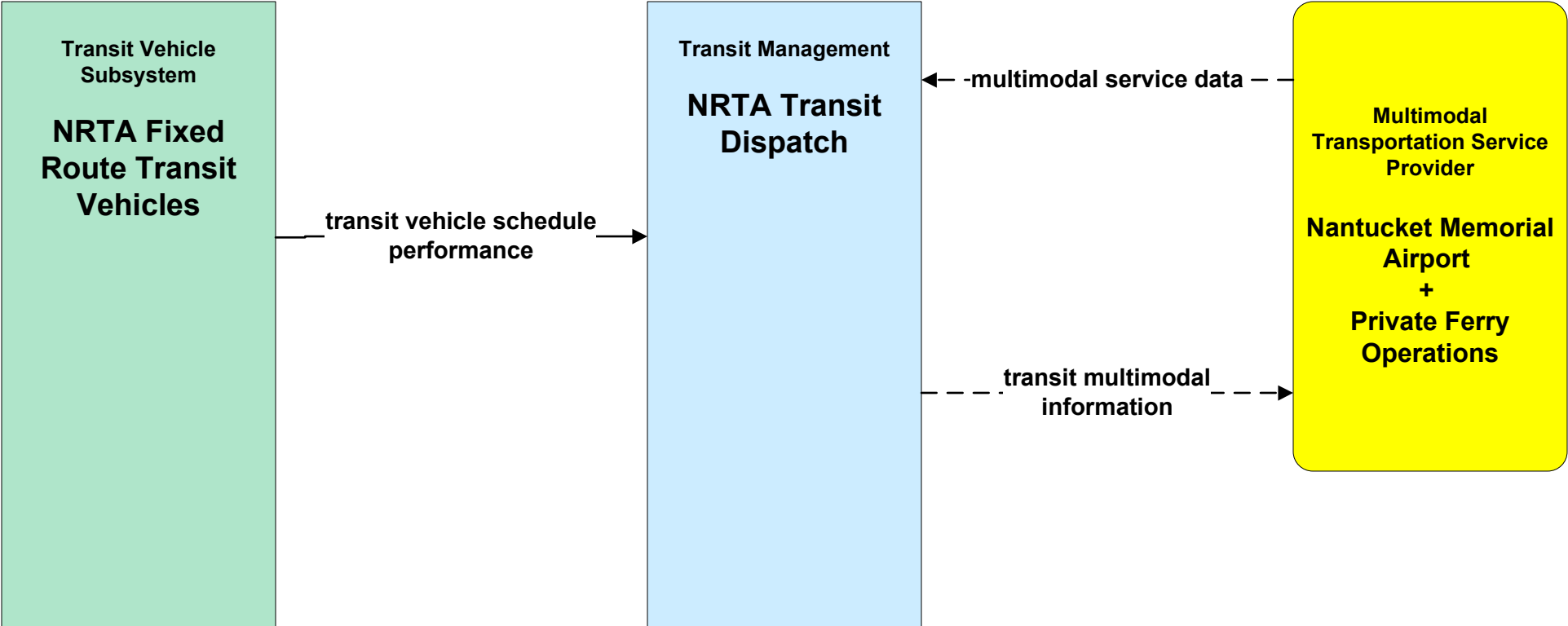
**APTS07 - Multimodal Coordination
CCRTA**



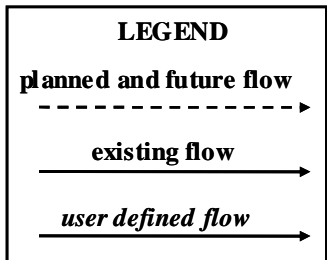
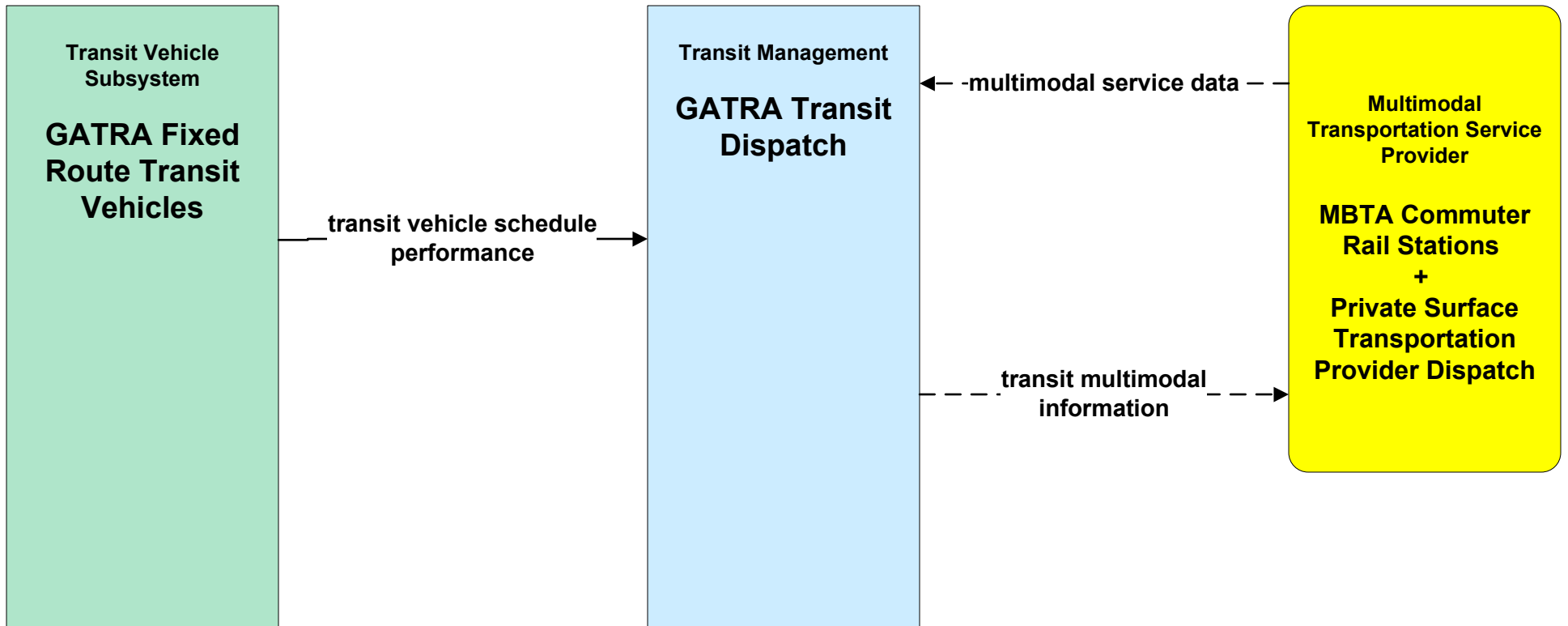
**APTS07 - Multimodal Coordination
VTA**



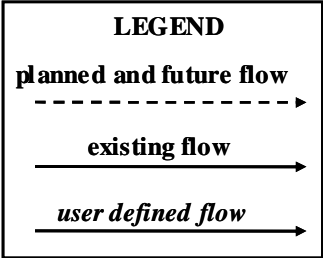
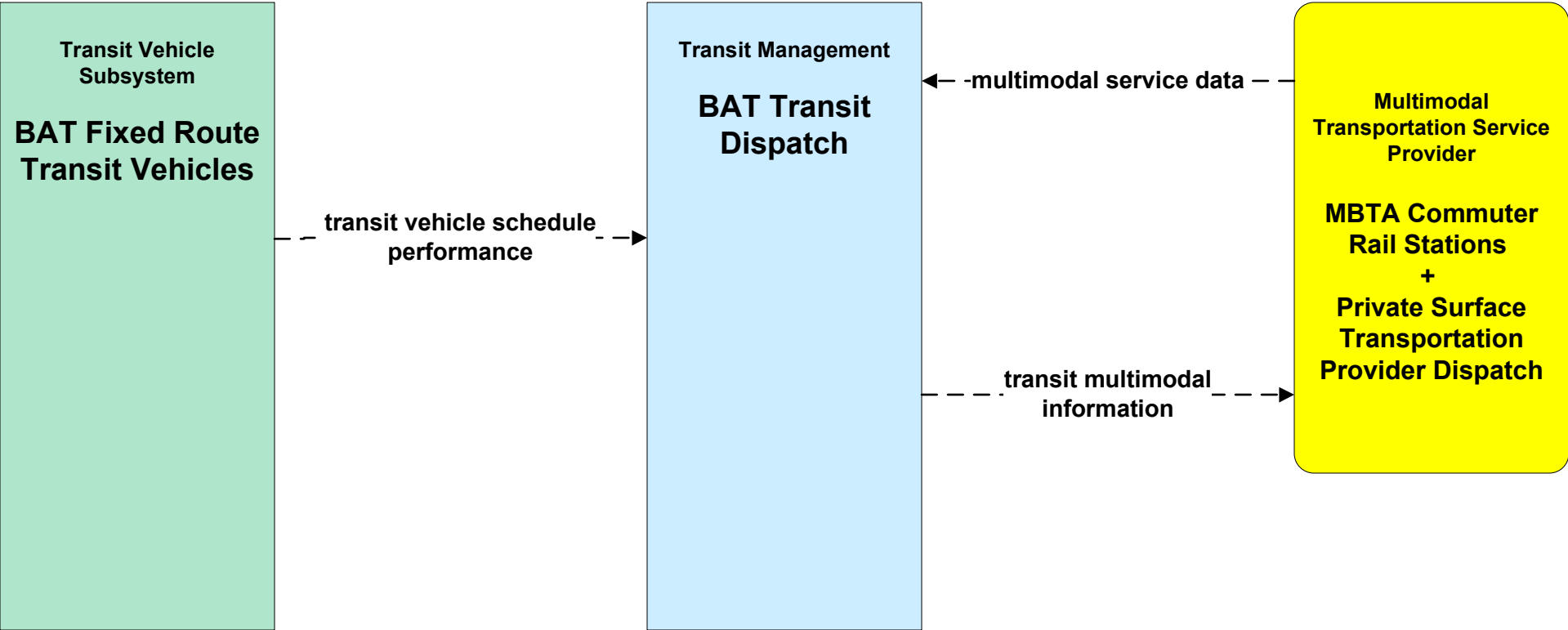
**APTS07 - Multimodal Coordination
NRTA**



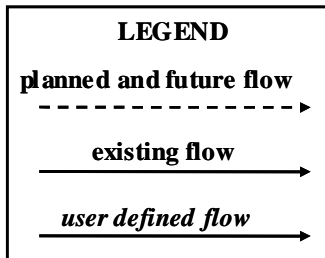
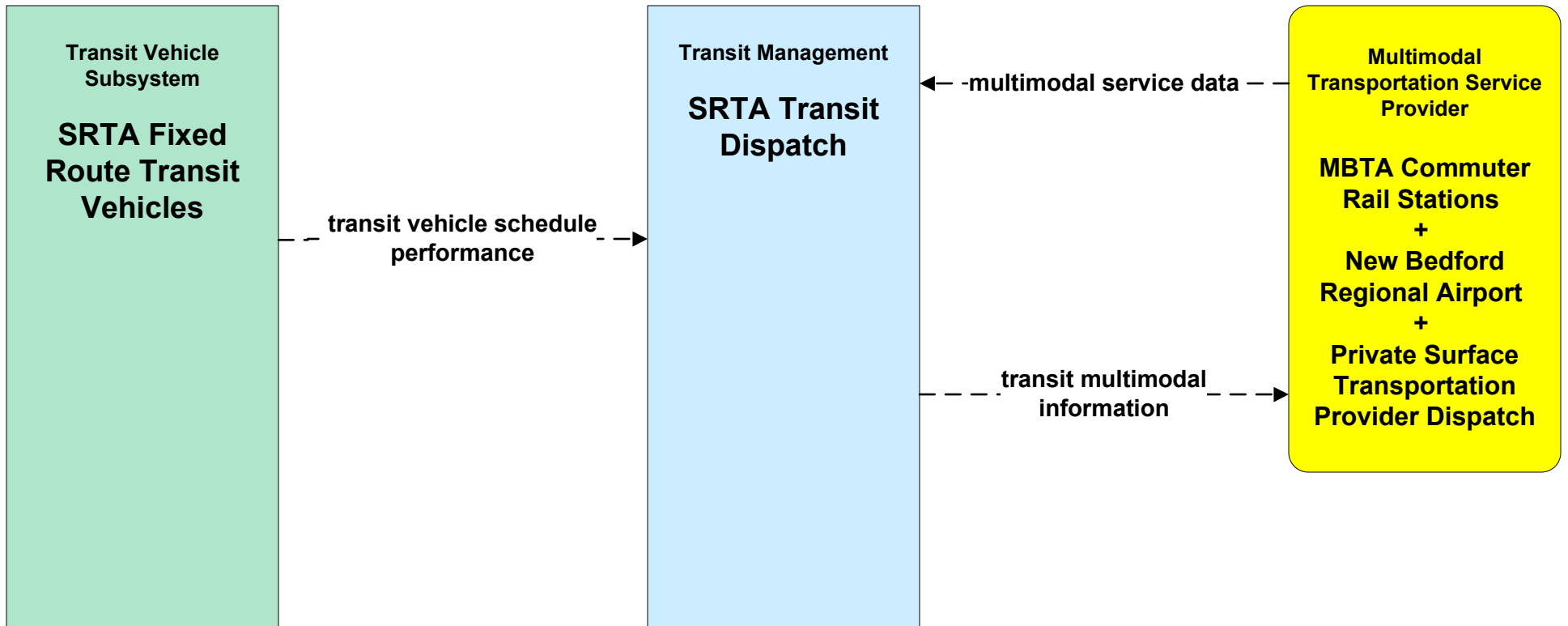
**APTS07 - Multimodal Coordination
GATRA**



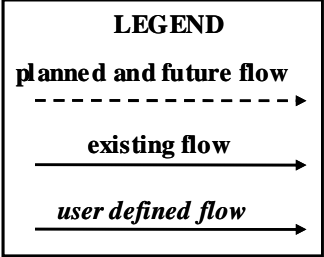
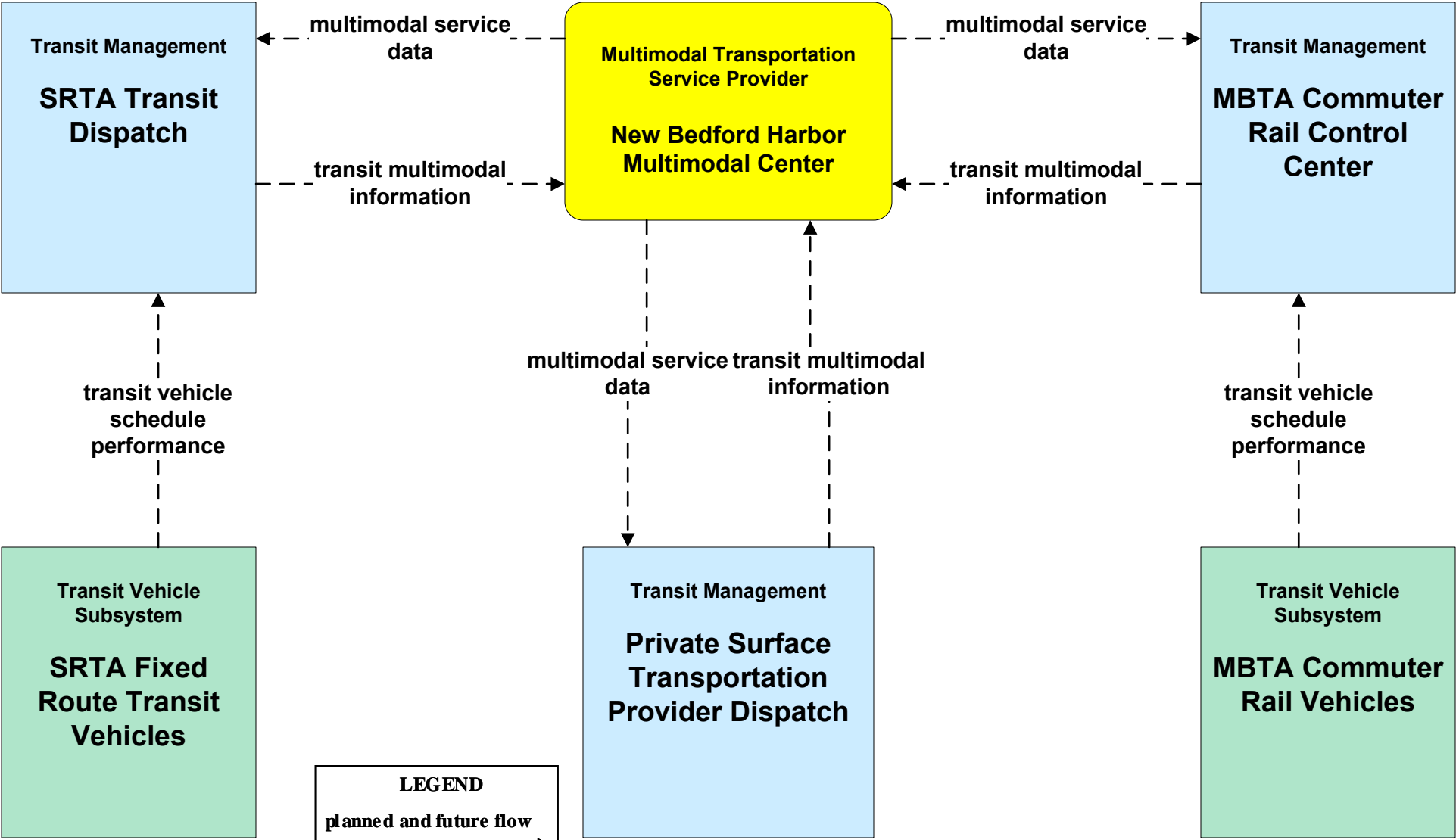
**APTS07 - Multimodal Coordination
BAT**



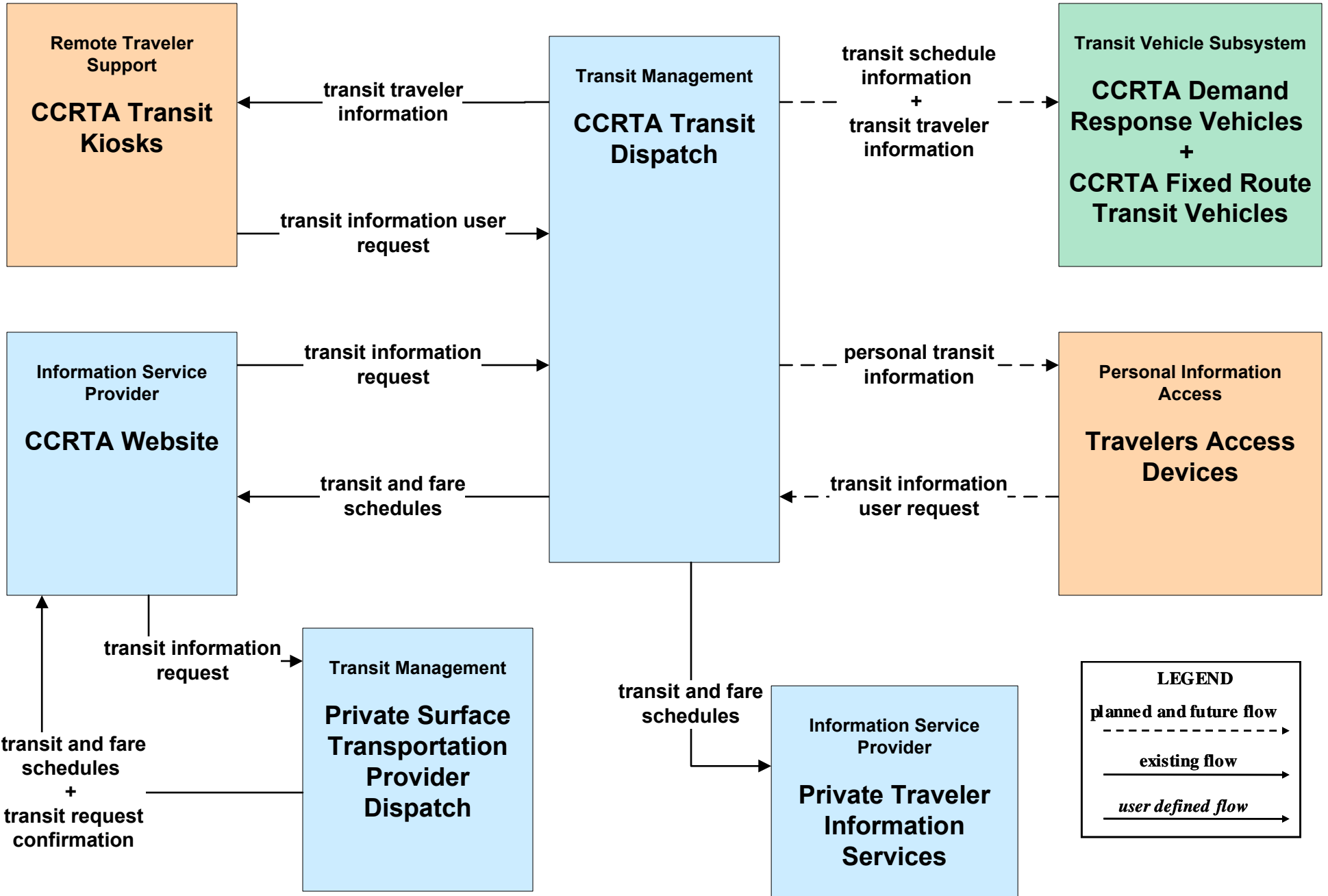
**APTS07 - Multimodal Coordination
SRTA**



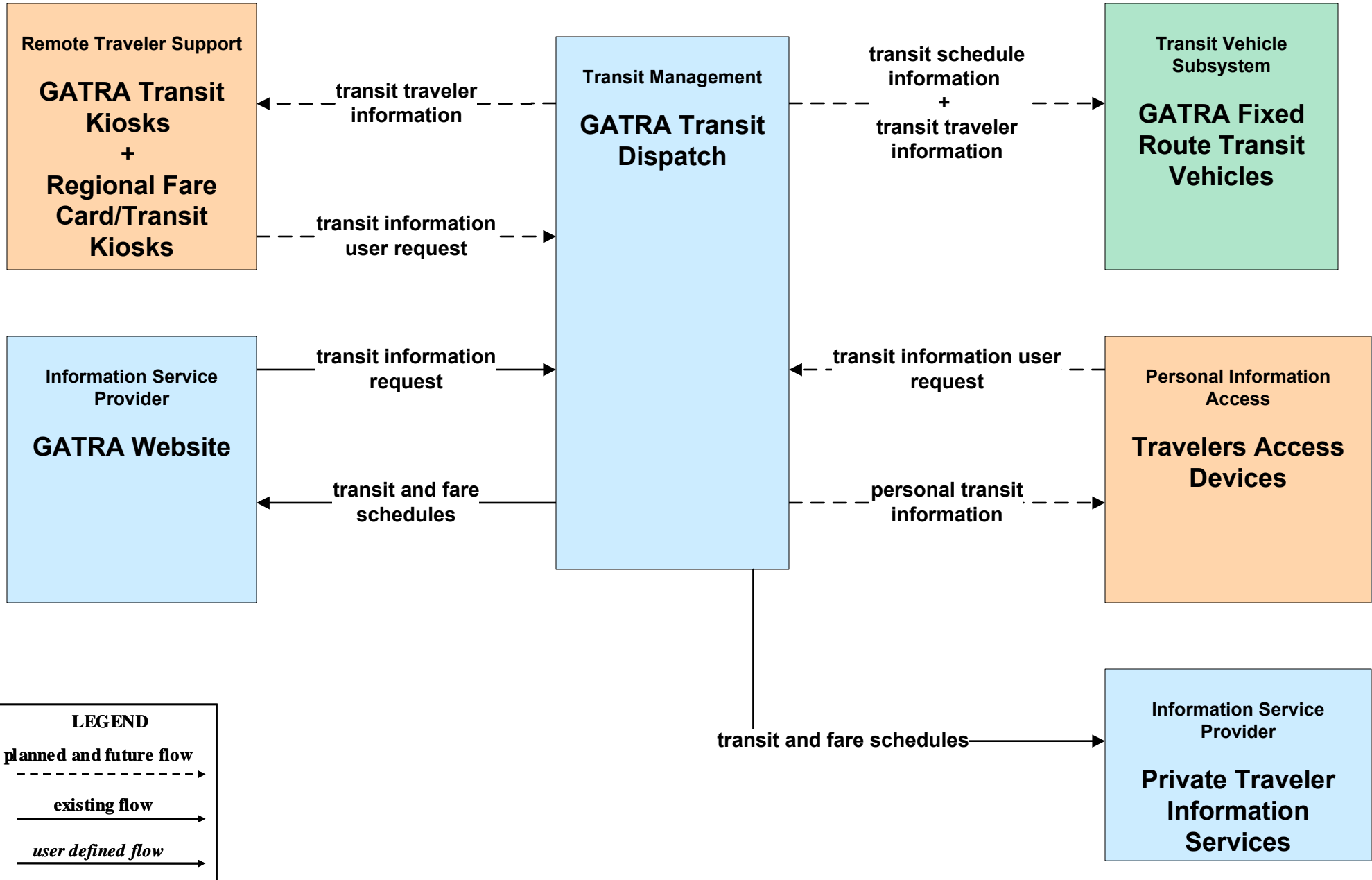
**APTS07 - Multimodal Coordination
New Bedford Harbor Multimodal Center**



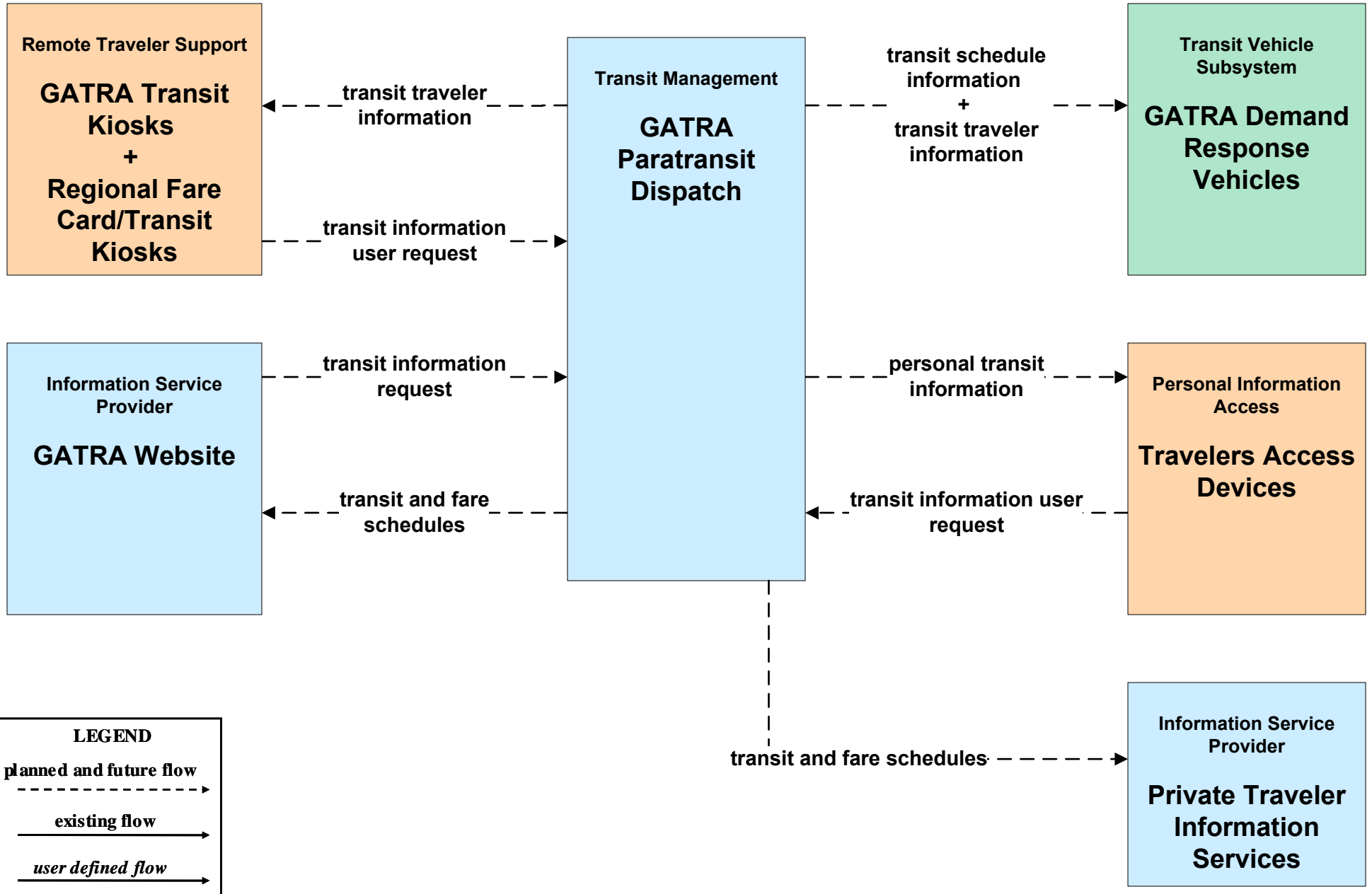
APTS08 - Transit Traveler Information CCRTA



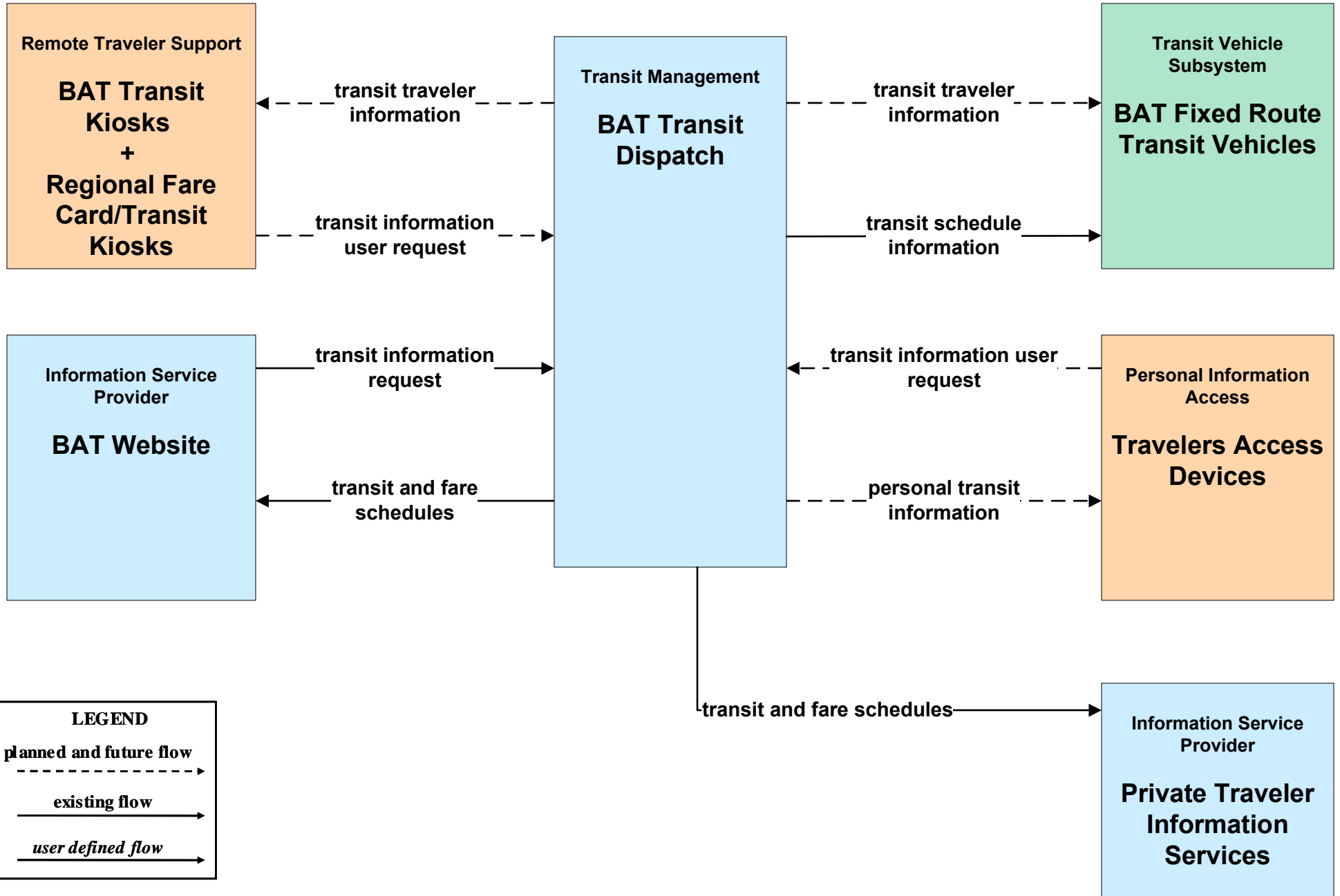
**APTS08 - Transit Traveler Information
GATRA (1 of 2)**



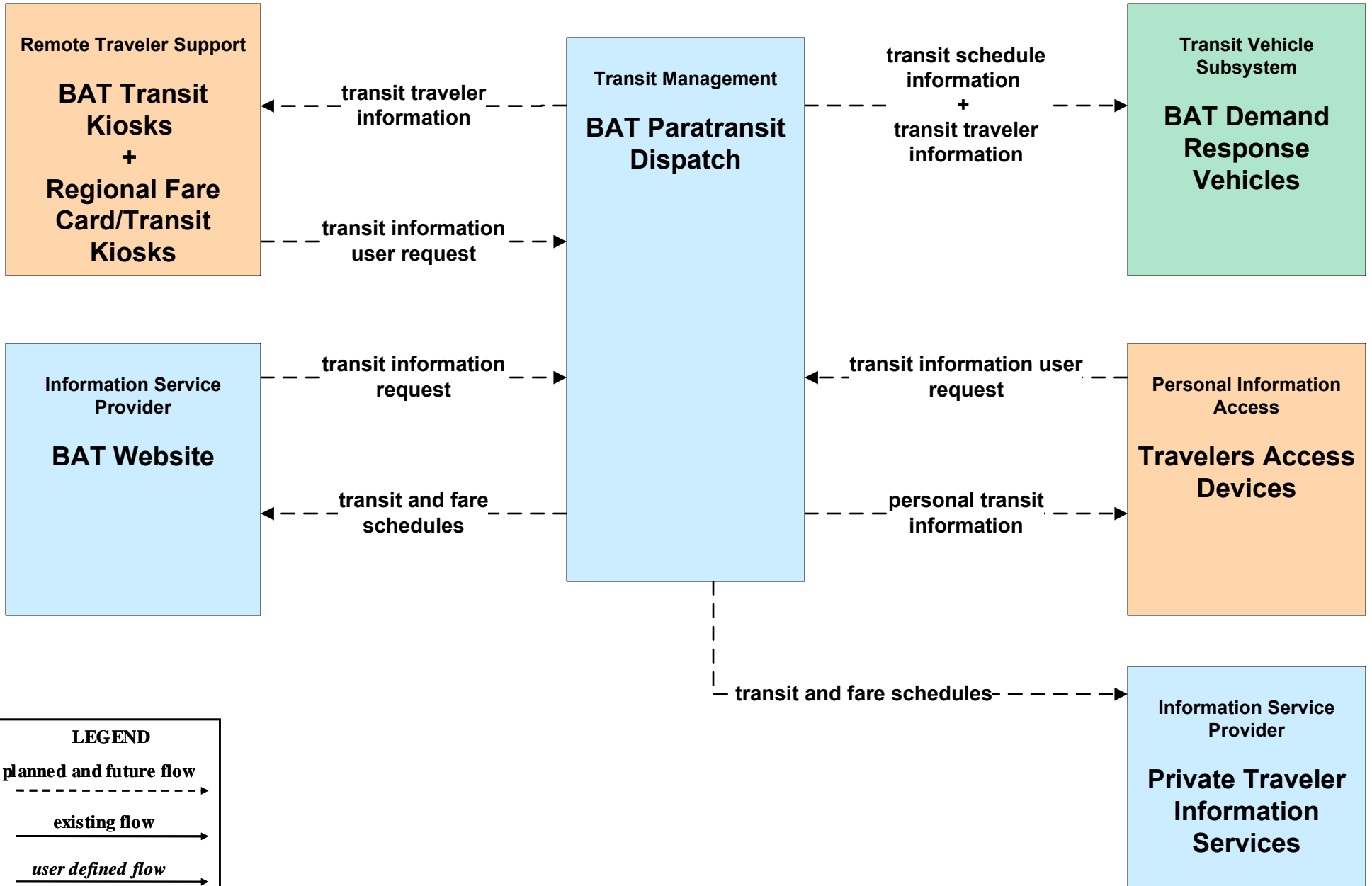
**APTS08 - Transit Traveler Information
GATRA (2 of 2)**



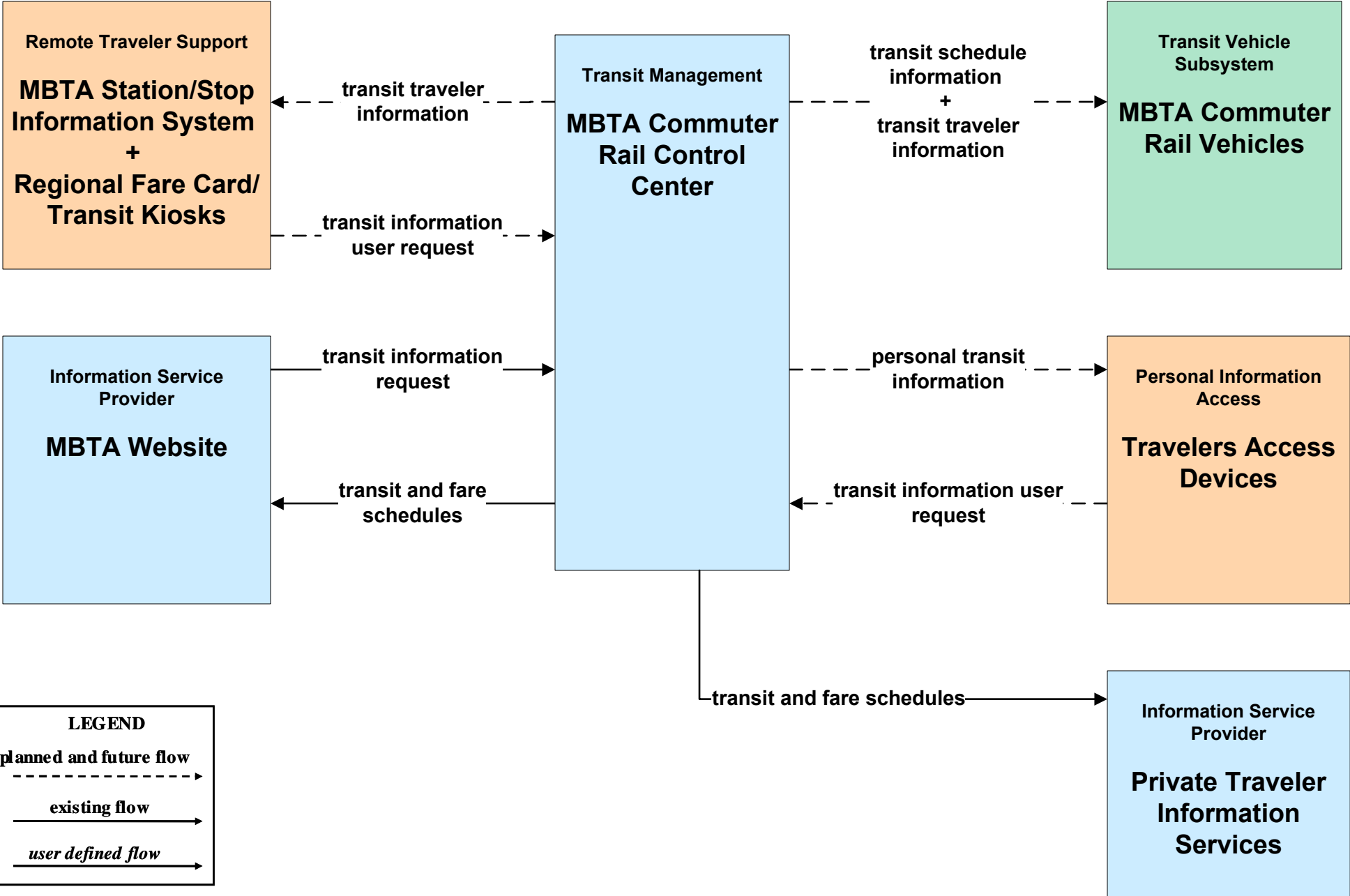
APTS08 - Transit Traveler Information BAT (1 of 2)



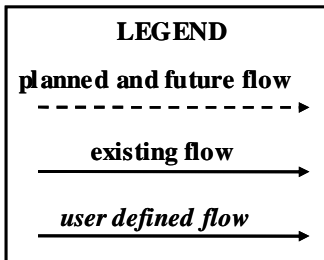
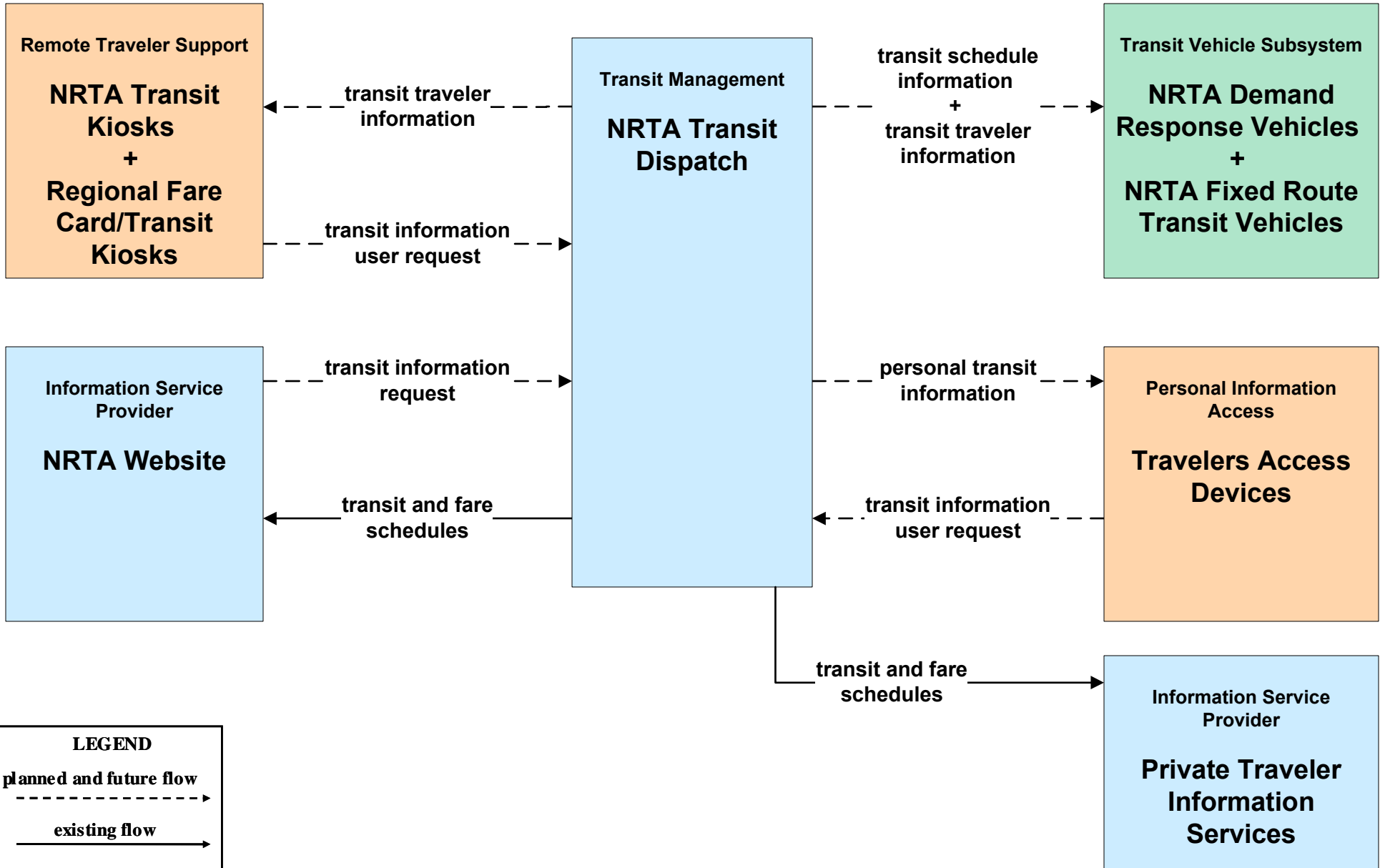
**APTS08 - Transit Traveler Information
BAT (2 of 2)**



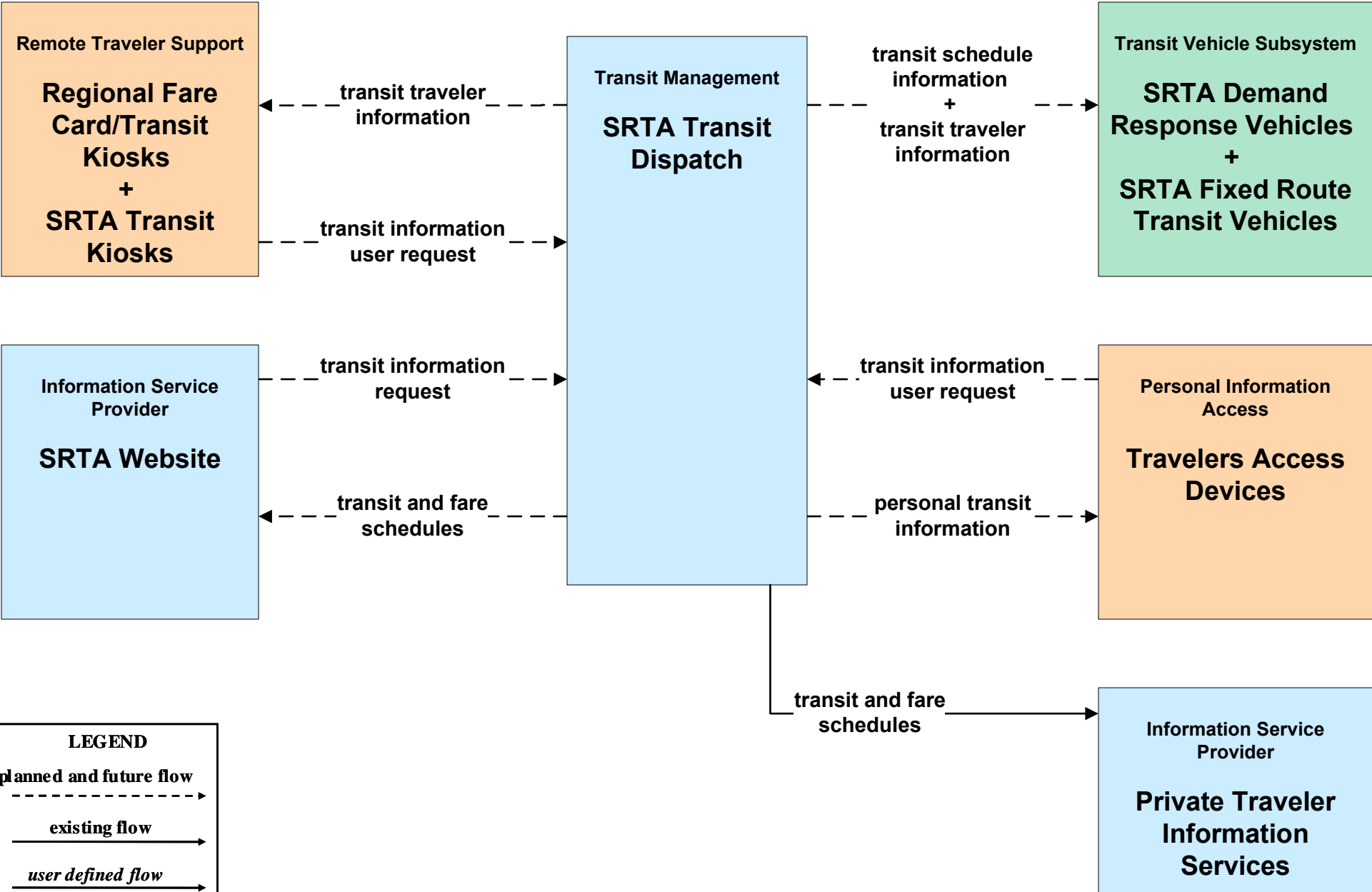
**APTS08 - Transit Traveler Information
MBTA**



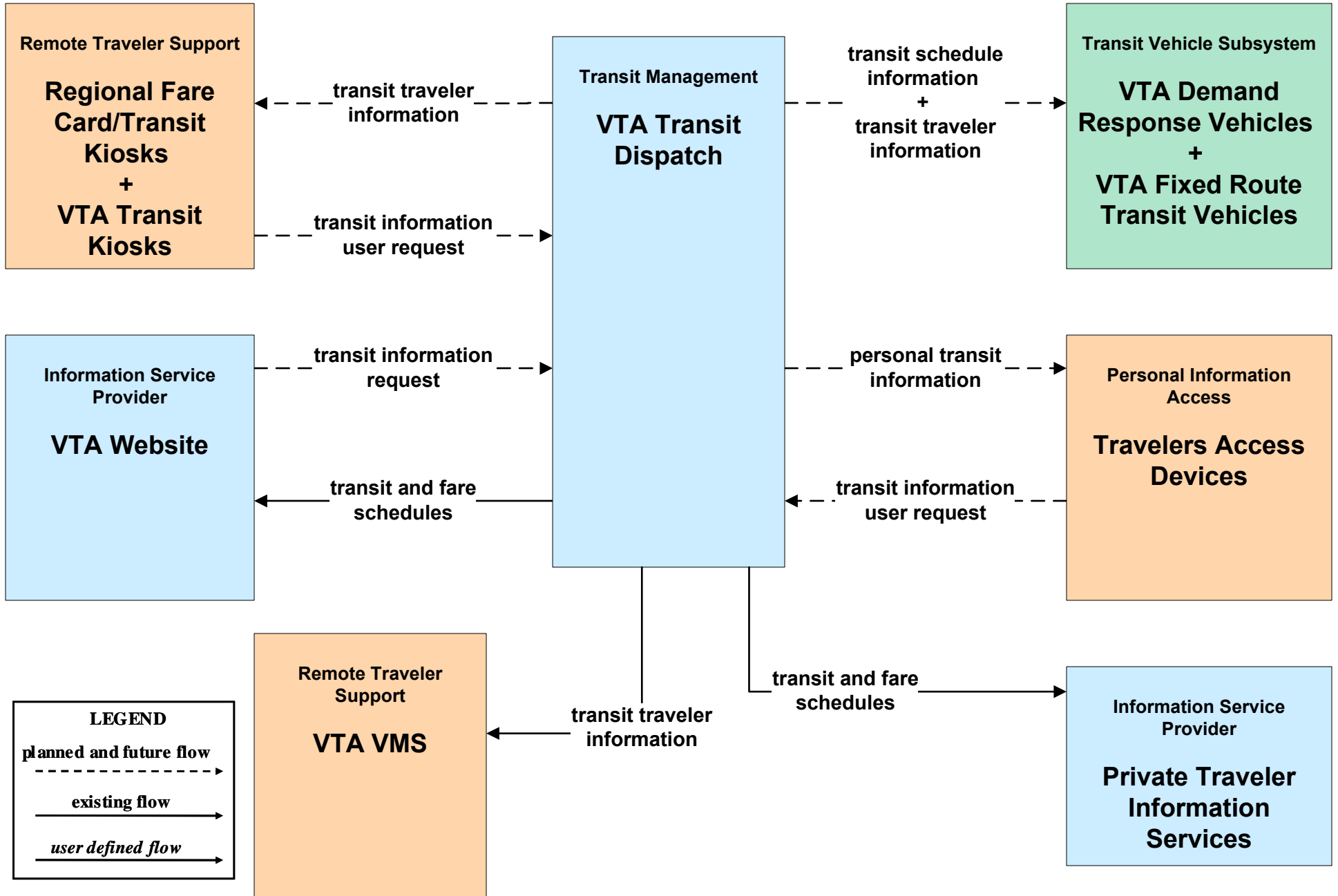
APTS08 - Transit Traveler Information NRTA



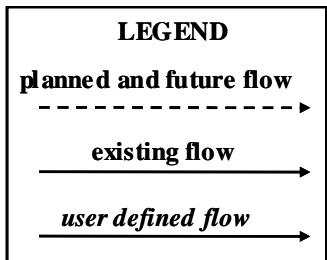
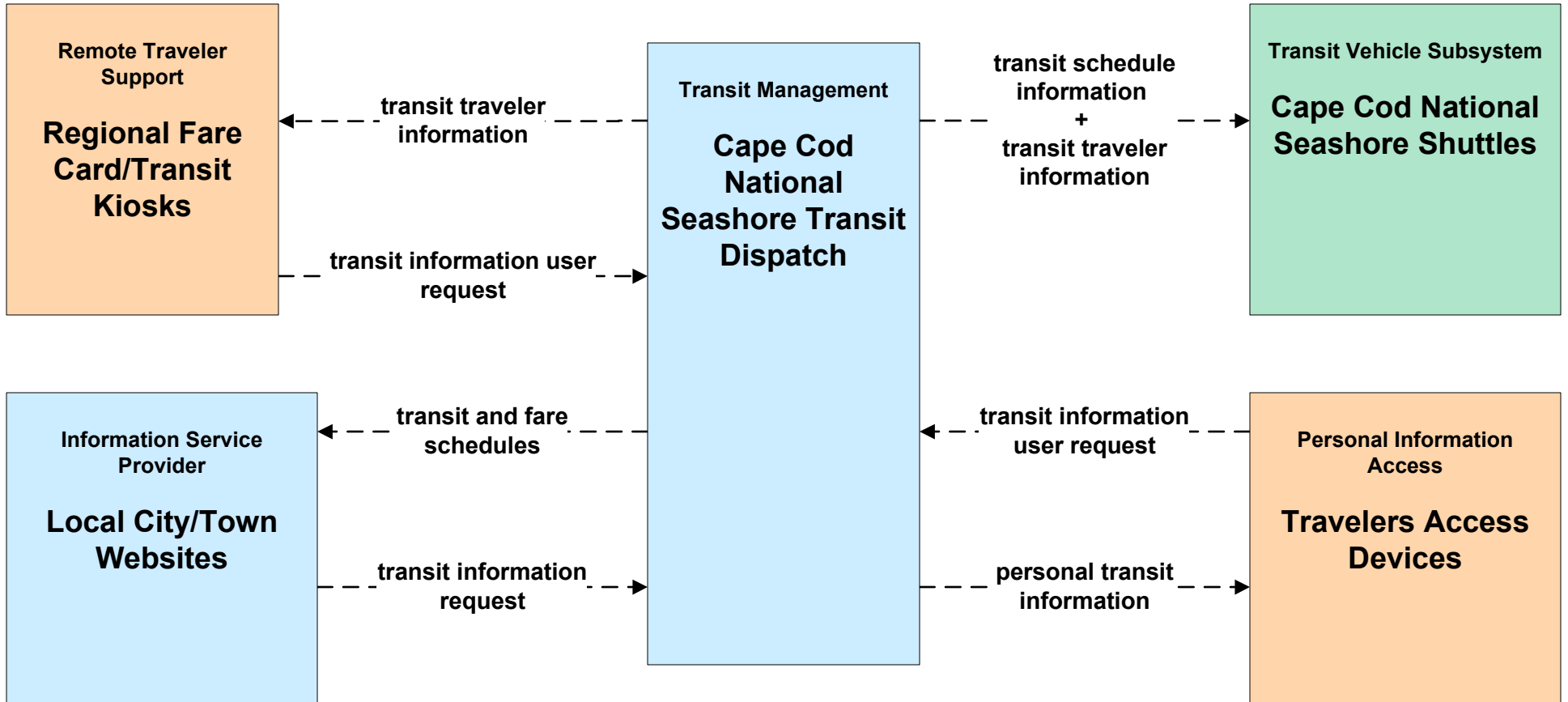
APTS08 - Transit Traveler Information SRTA



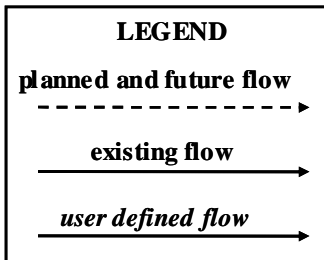
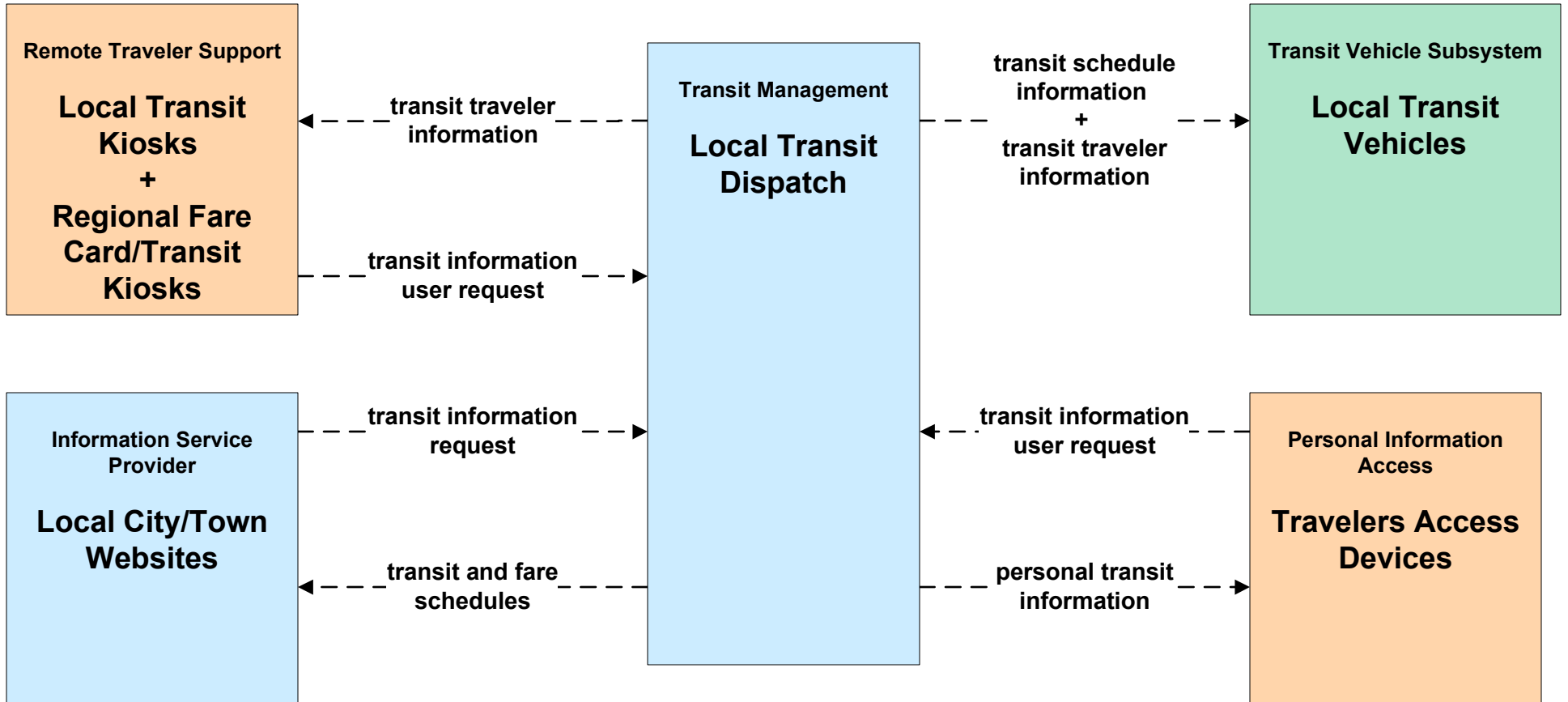
APTS08 - Transit Traveler Information VTA



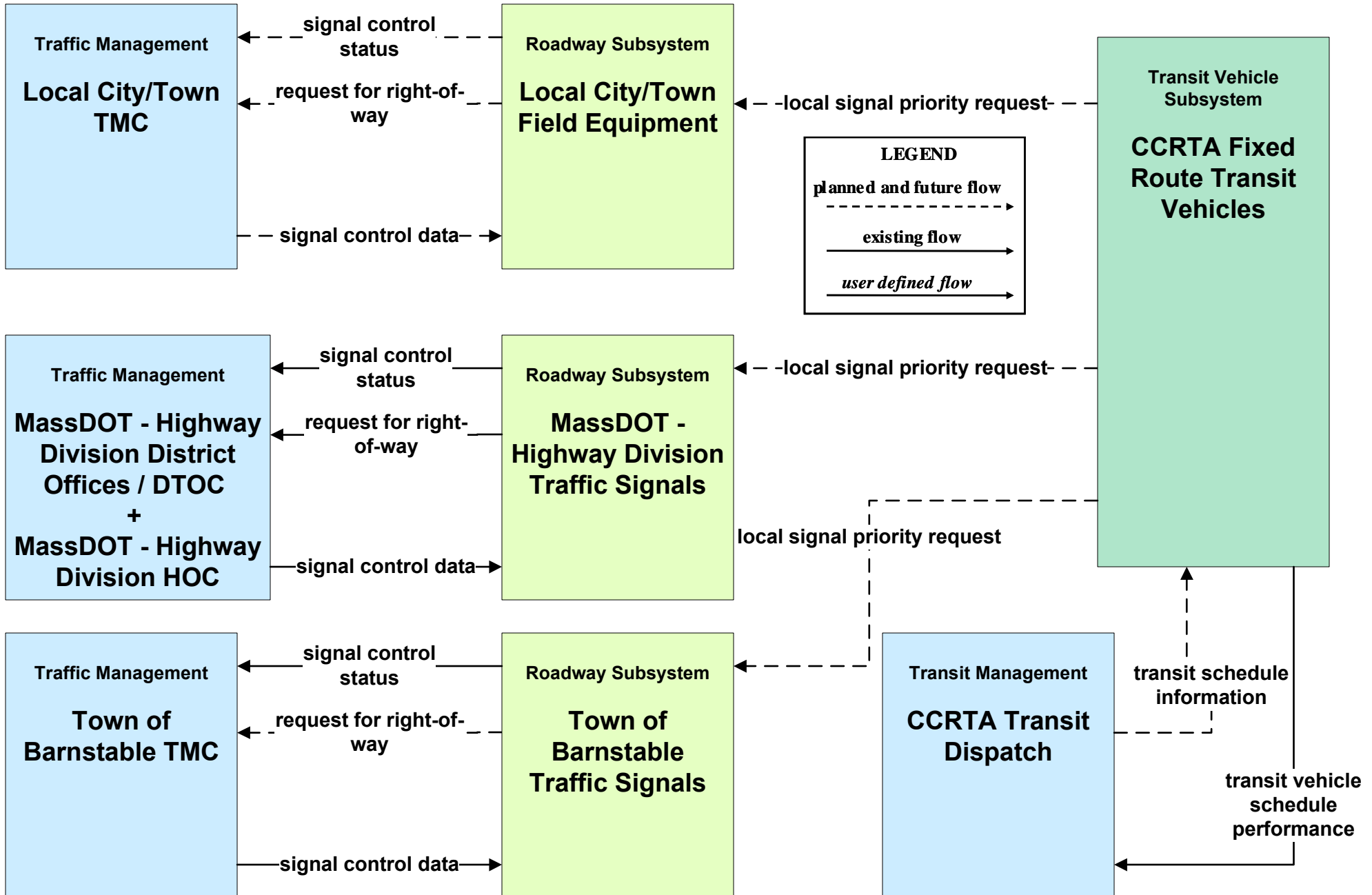
**APTS08 - Transit Traveler Information
Cape Cod National Seashore**



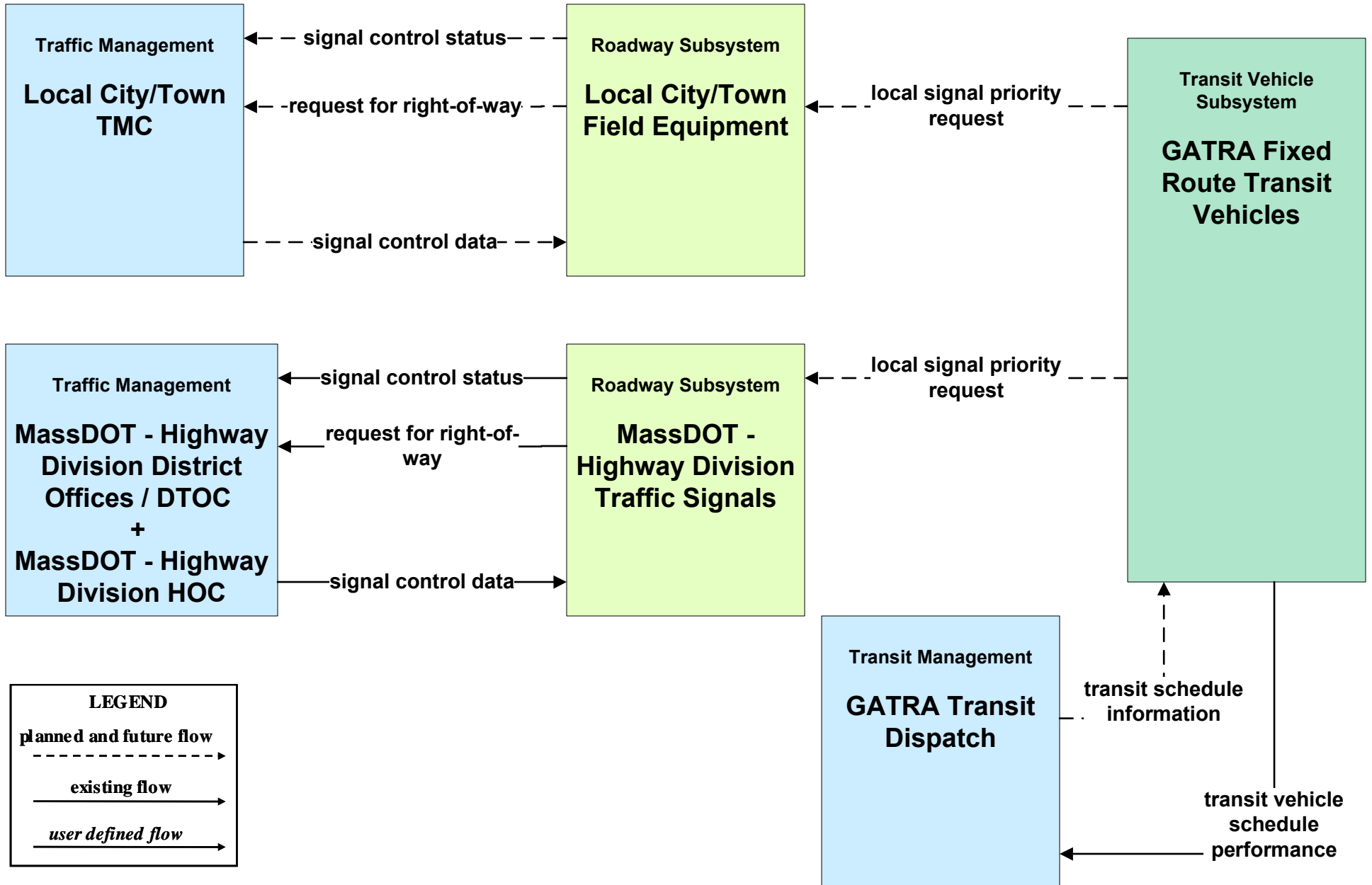
APTS08 - Transit Traveler Information Local Transit



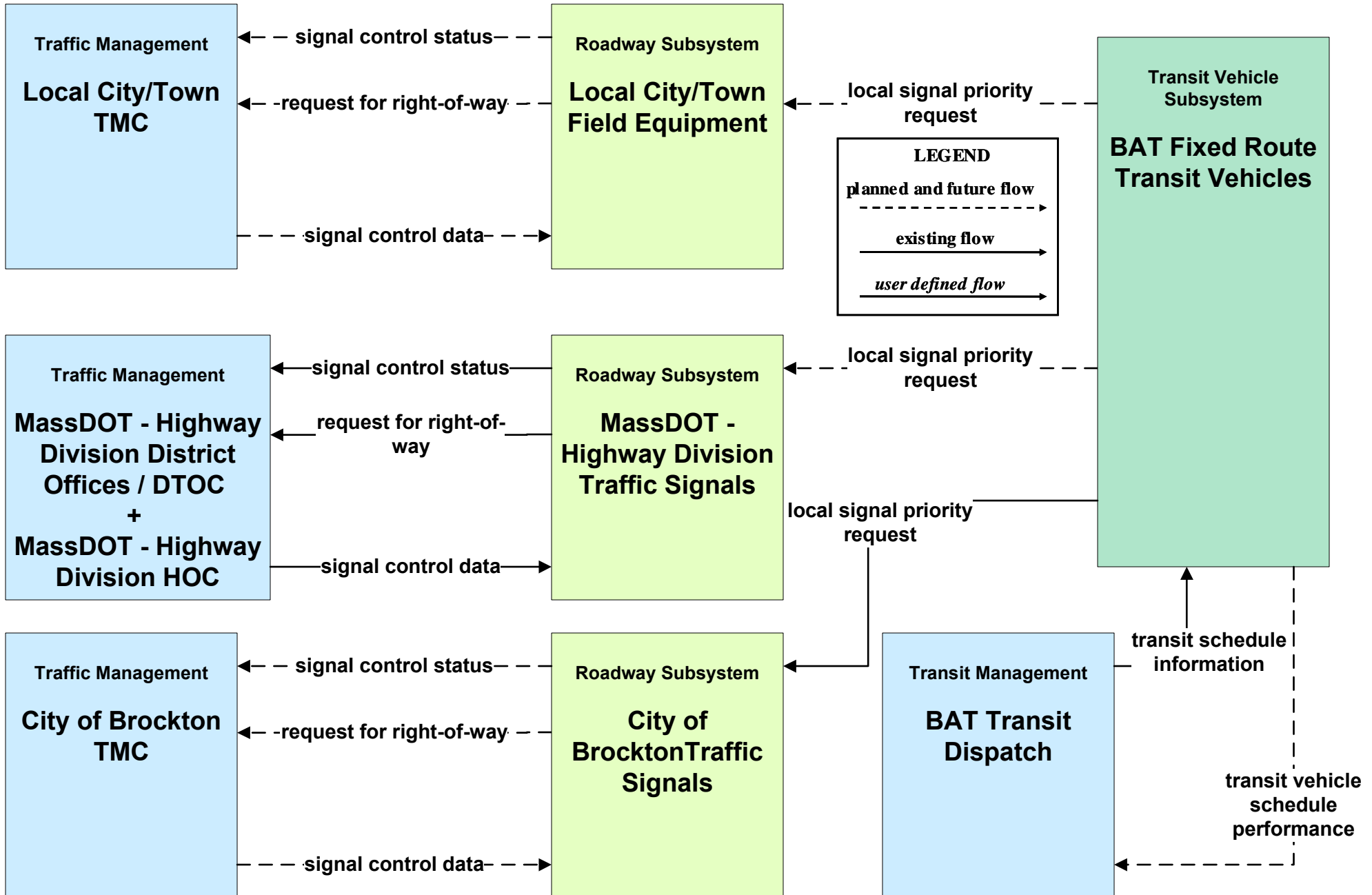
APTS09 – Transit Signal Priority CCRTA



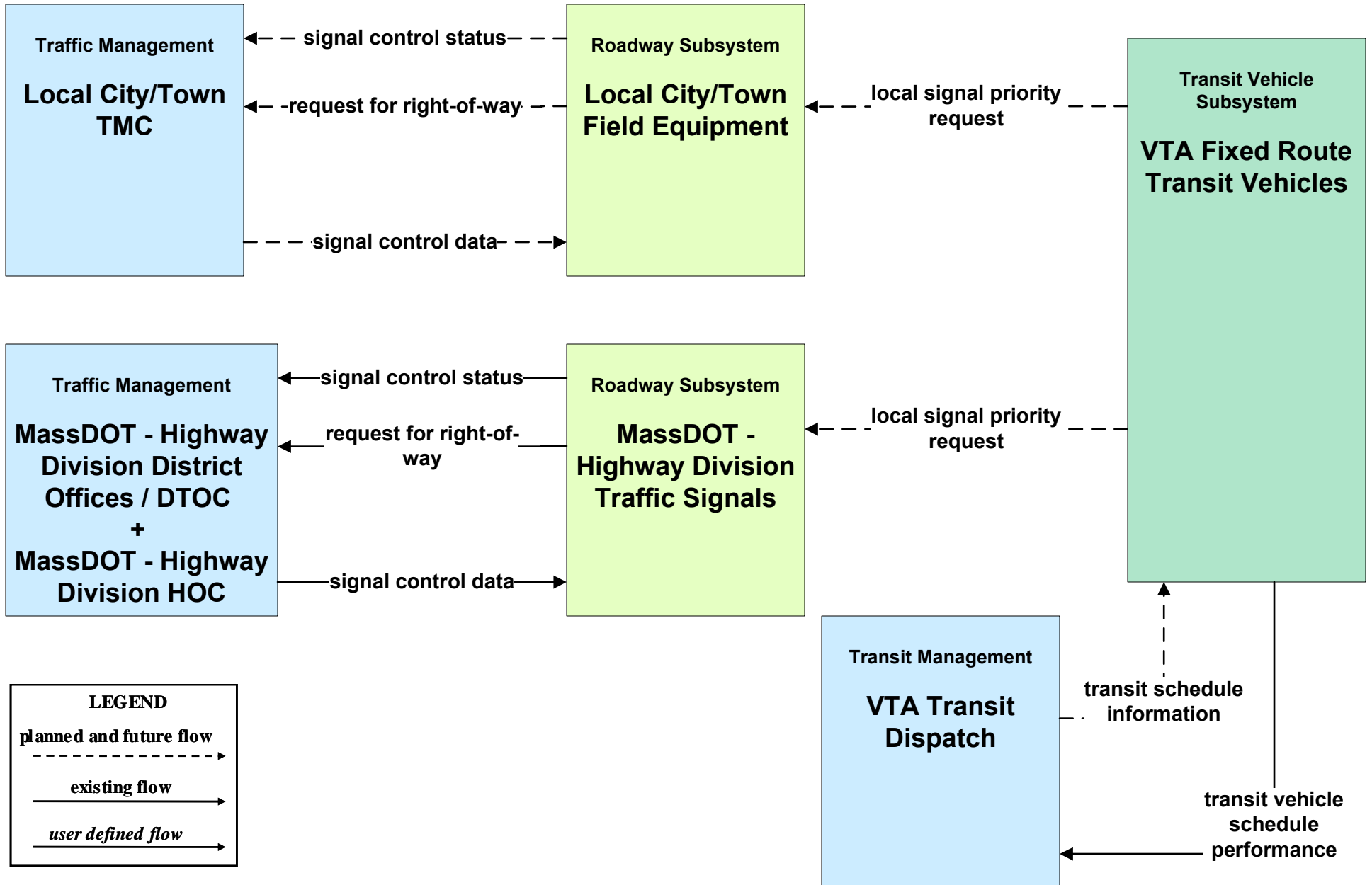
**APTS09 – Transit Signal Priority
GATRA**



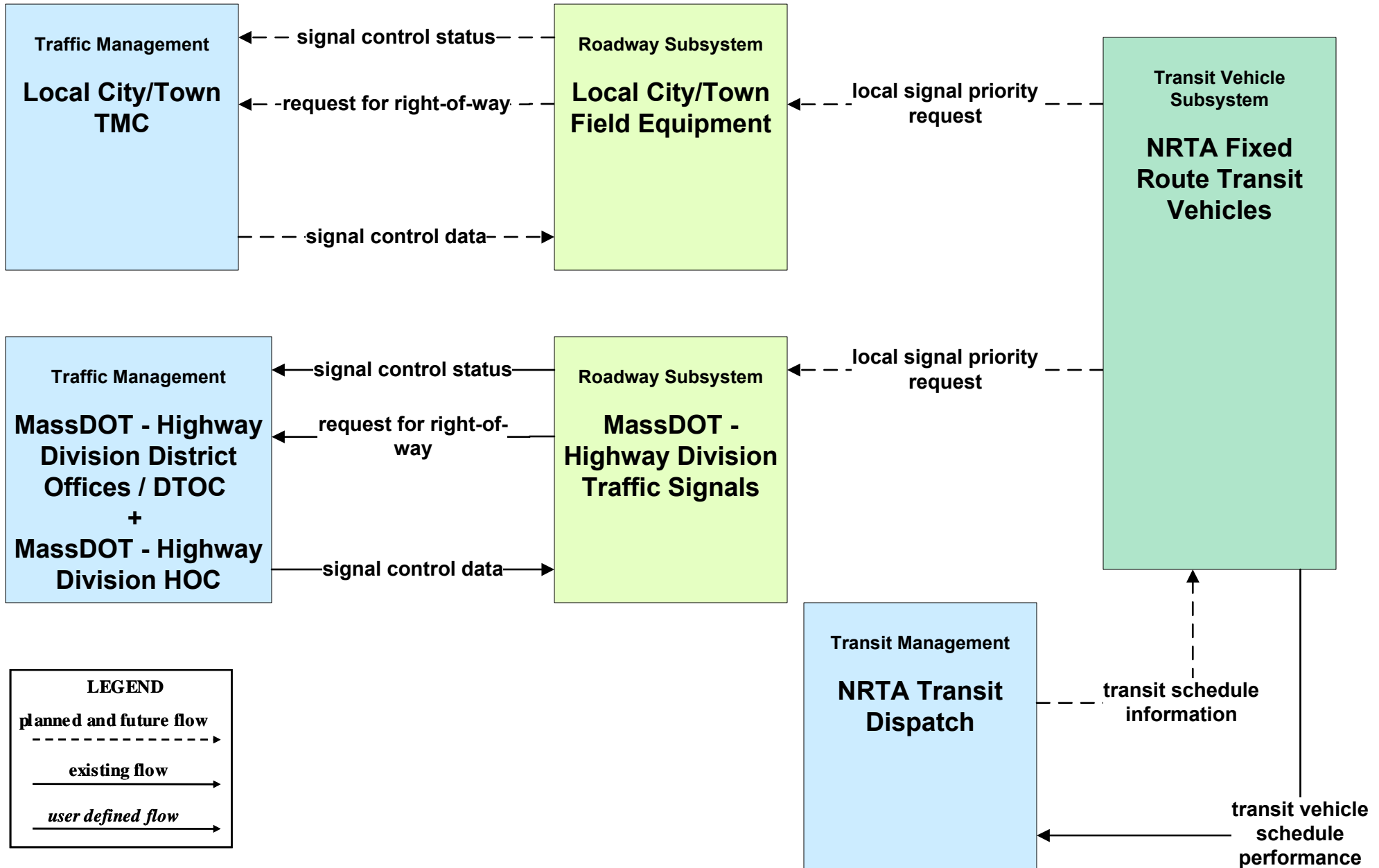
APTS09 – Transit Signal Priority BAT



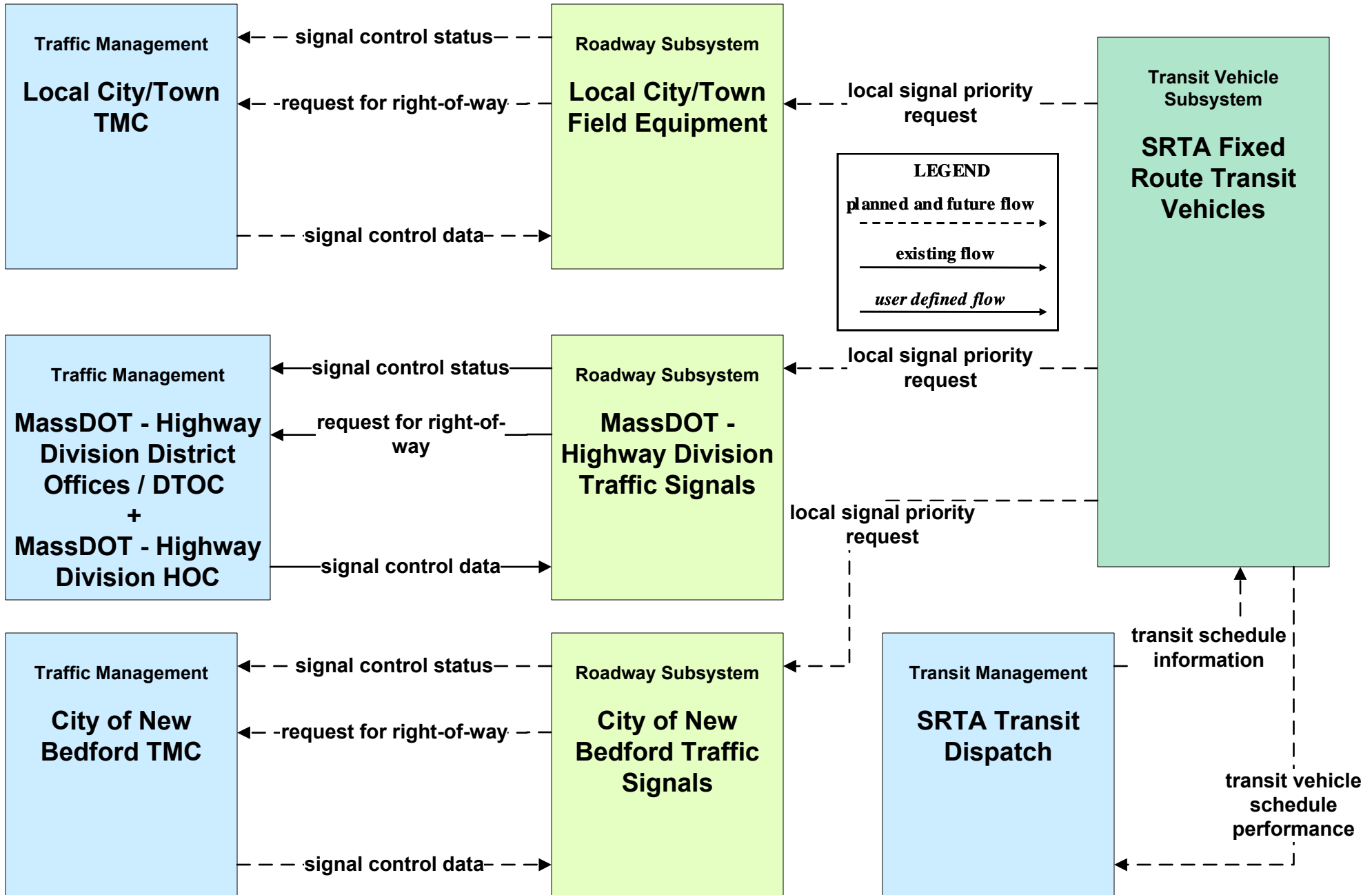
APTS09 – Transit Signal Priority VTA



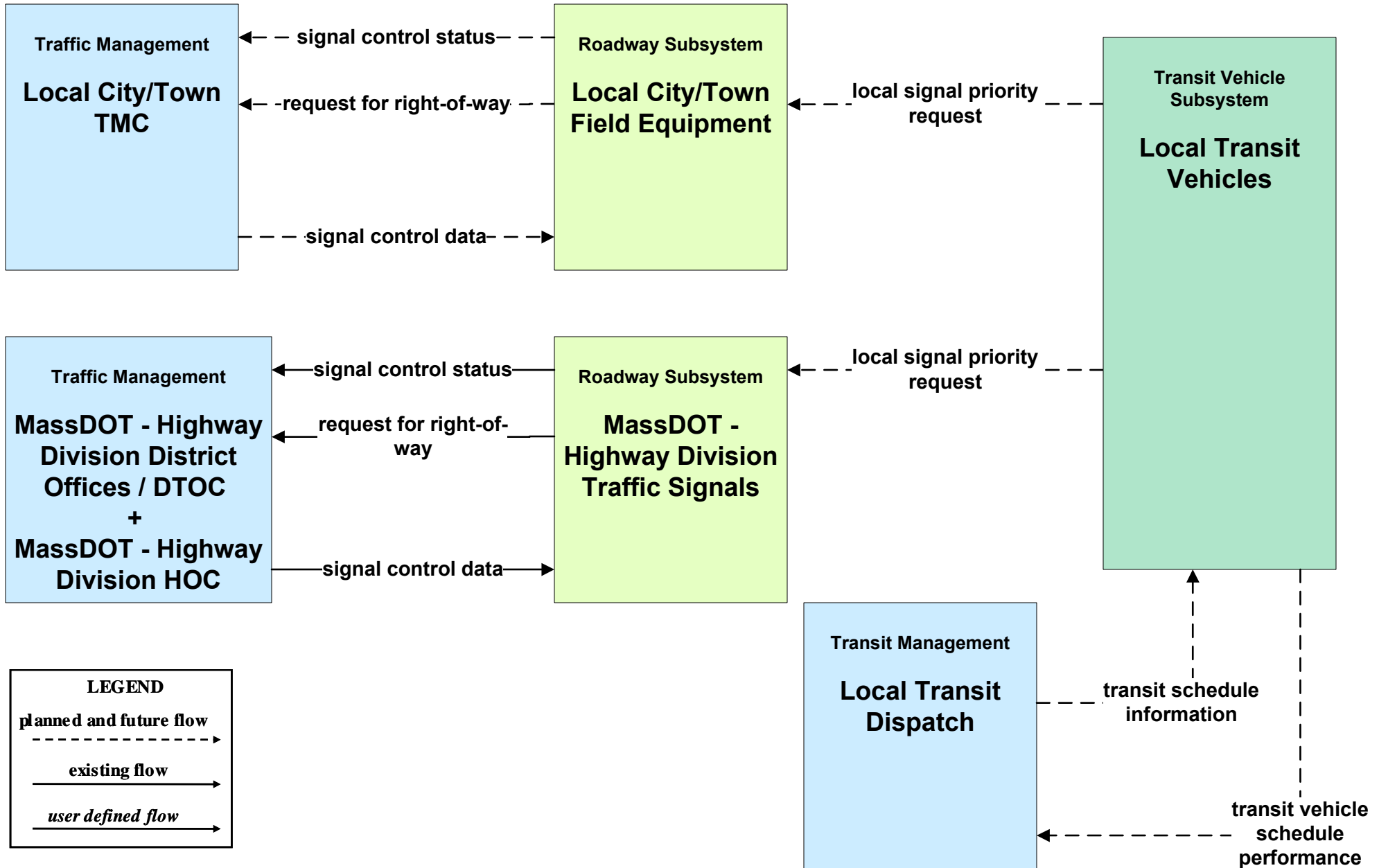
**APTS09 – Transit Signal Priority
NRTA**



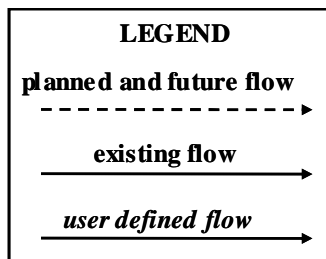
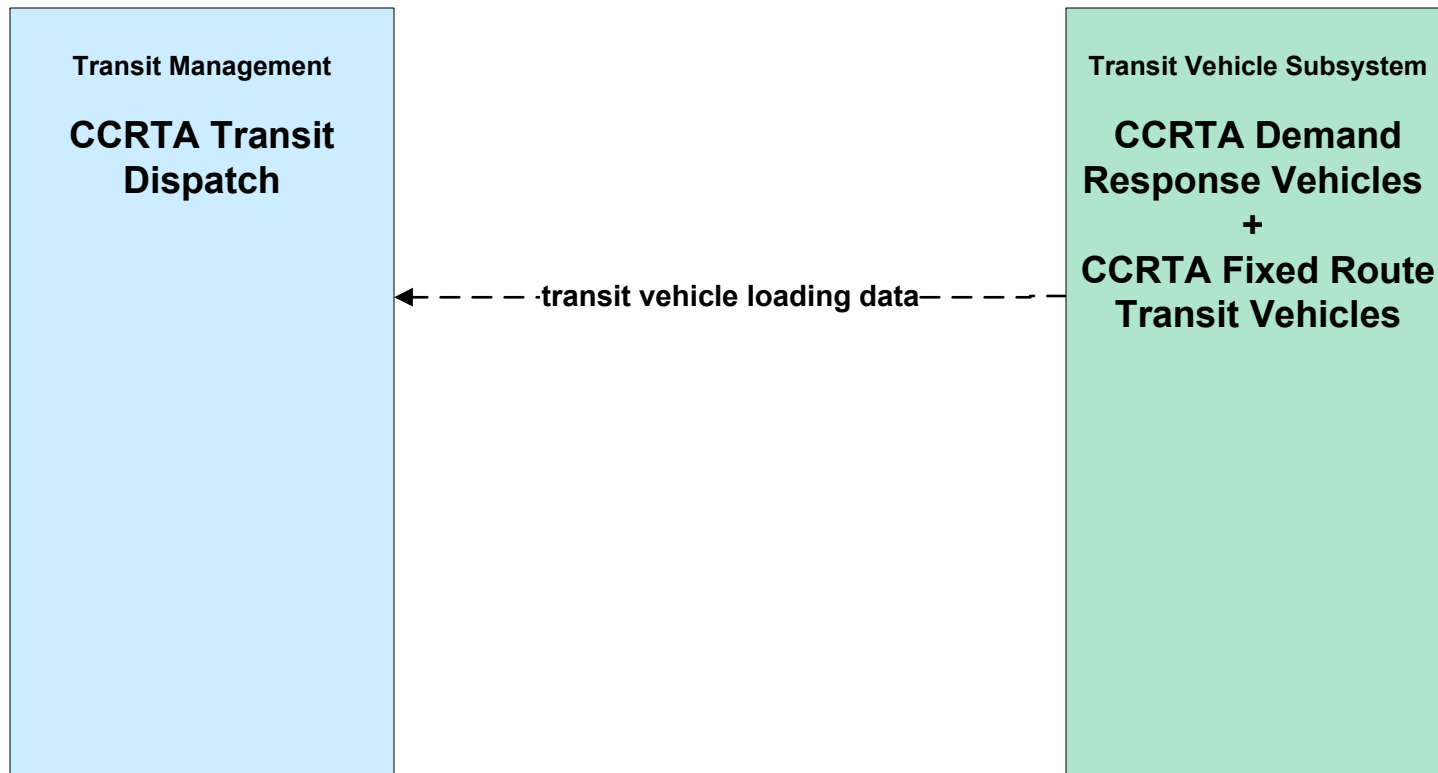
APTS09 – Transit Signal Priority SRTA



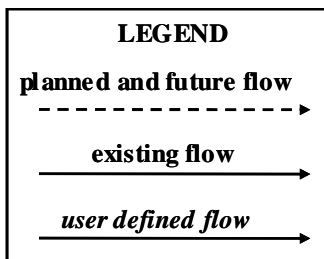
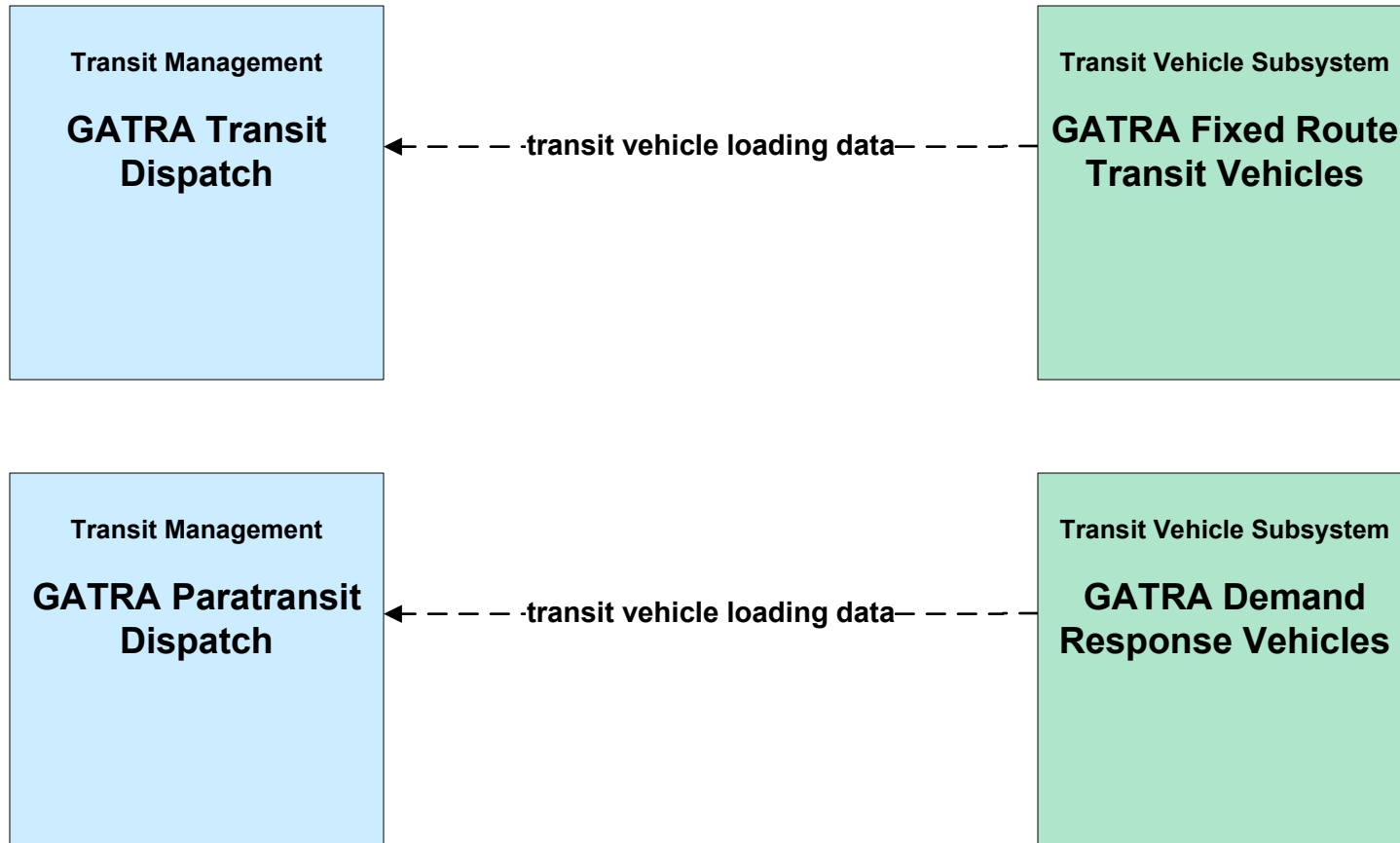
APTS09 – Transit Signal Priority Local Transit



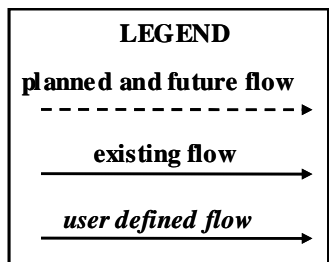
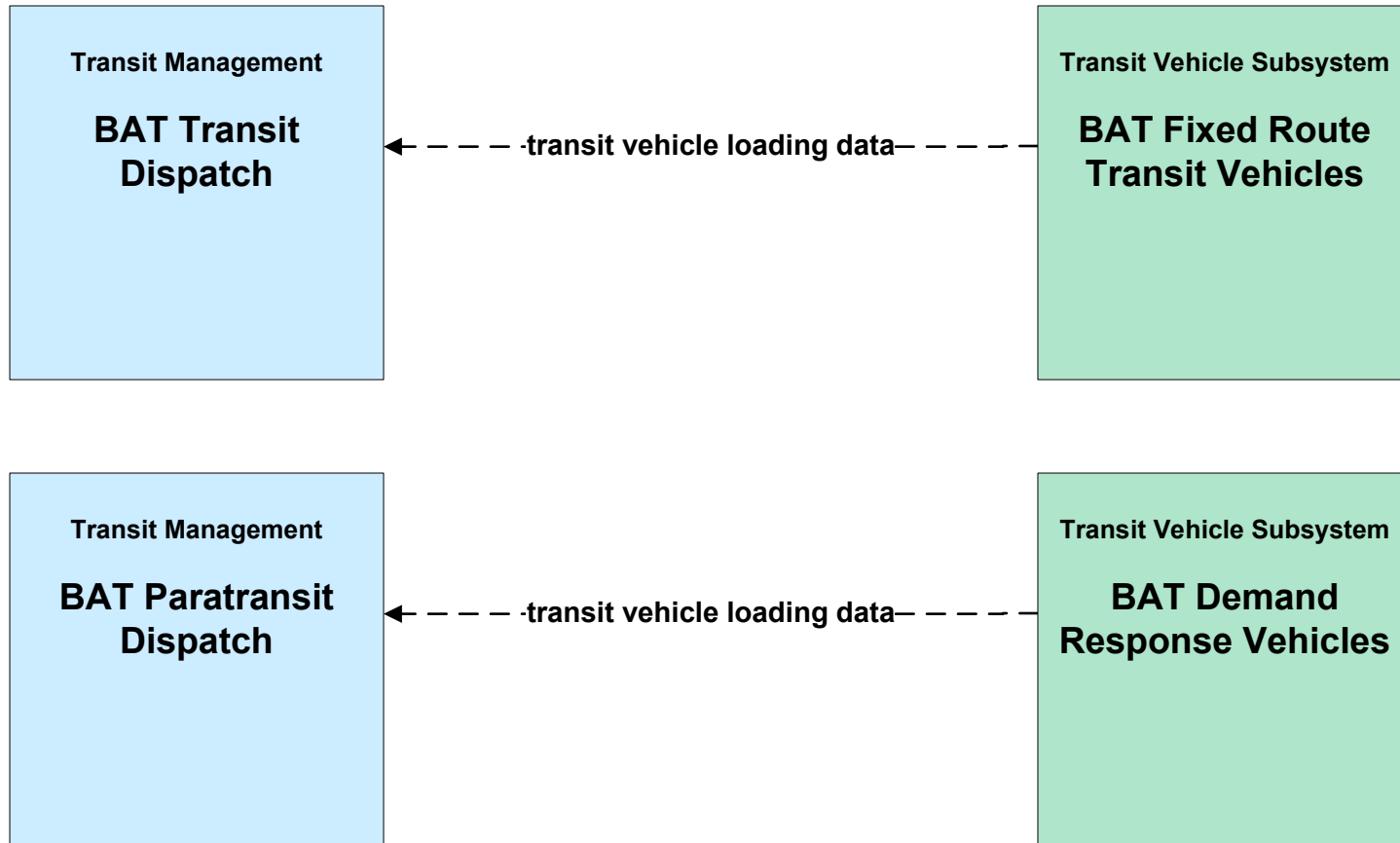
APTS10 – Automated Passenger Counting CCRTA



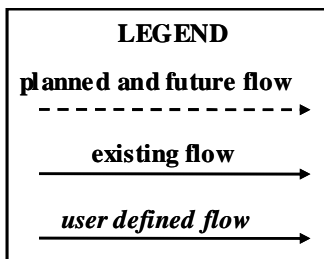
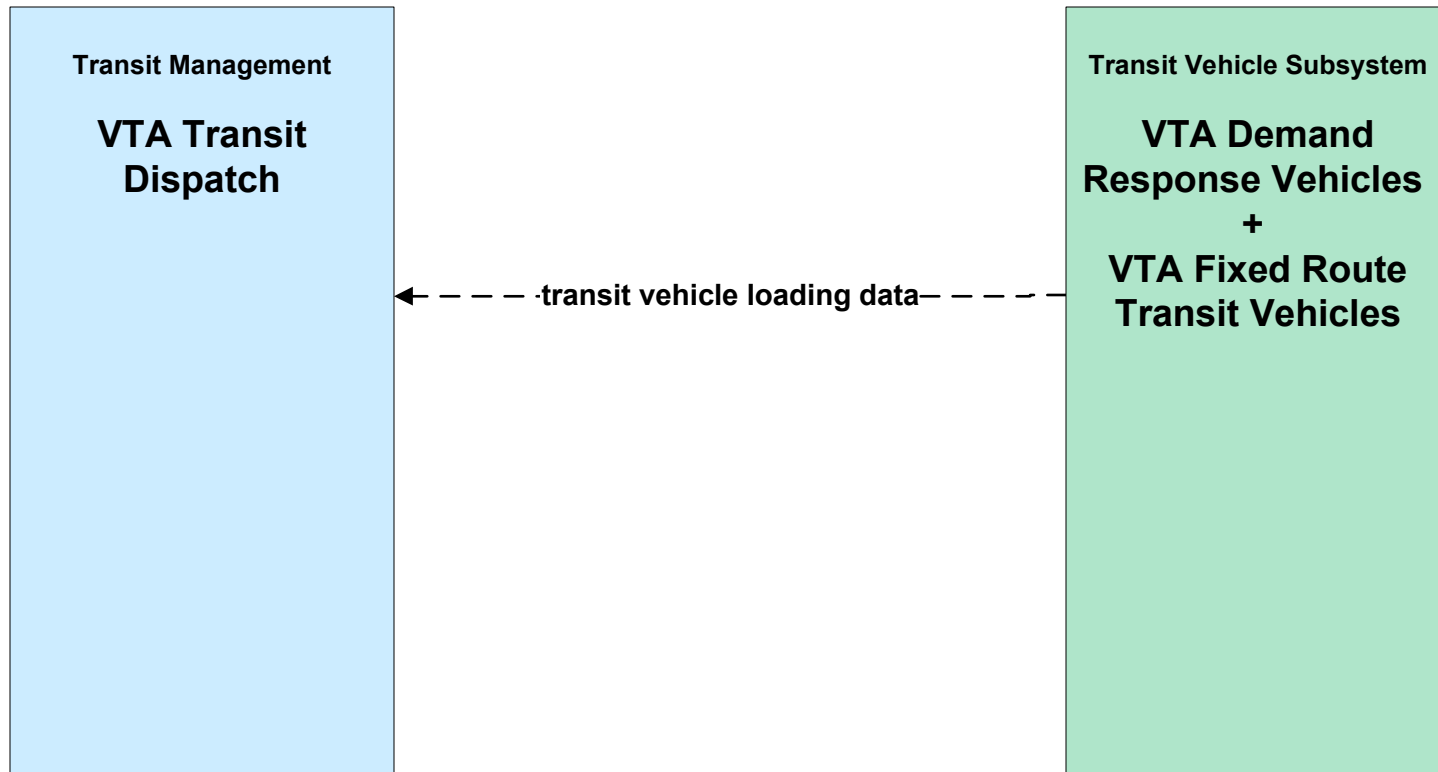
**APTS10 – Automated Passenger Counting
GATRA**



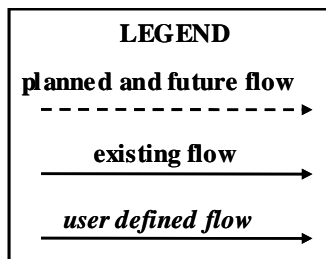
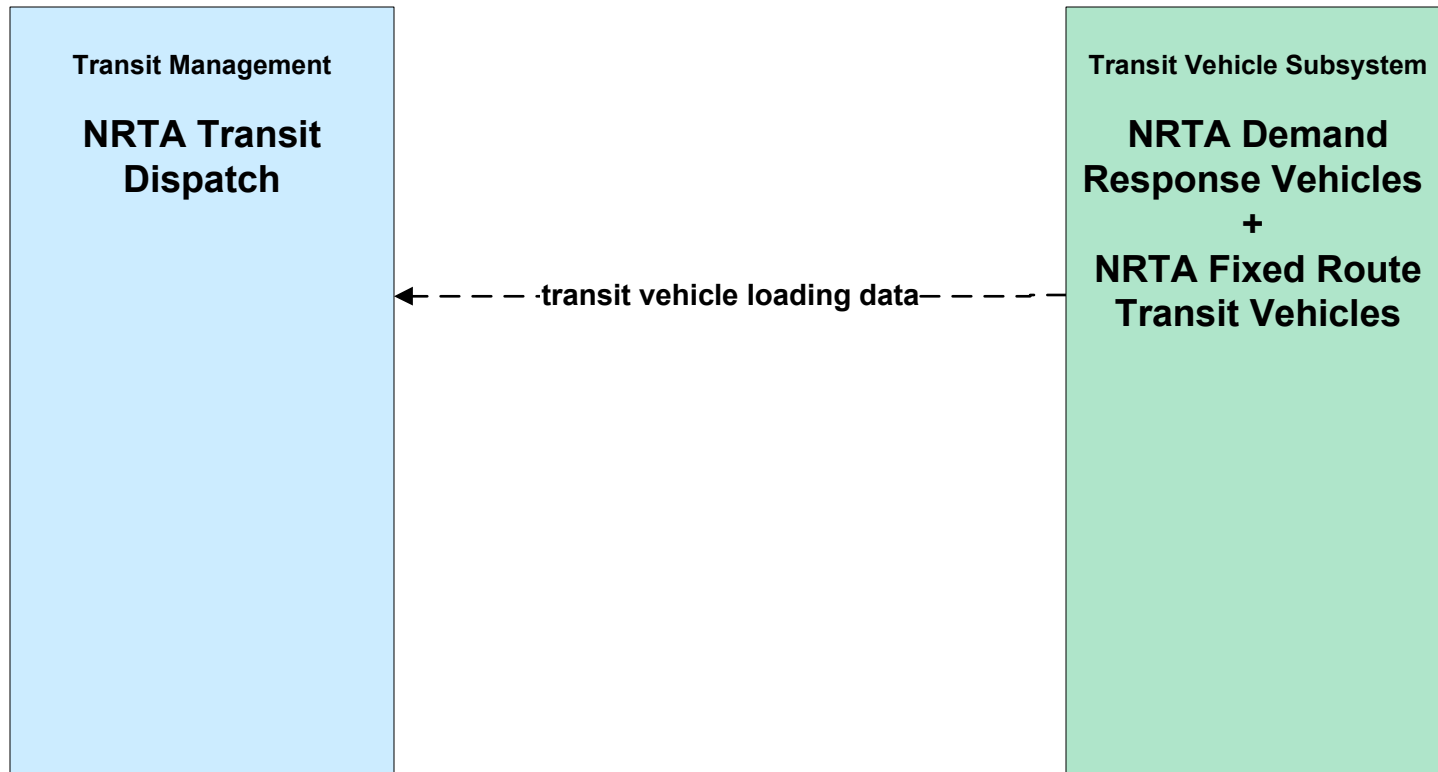
APTS10 – Automated Passenger Counting BAT



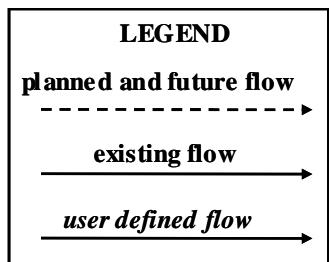
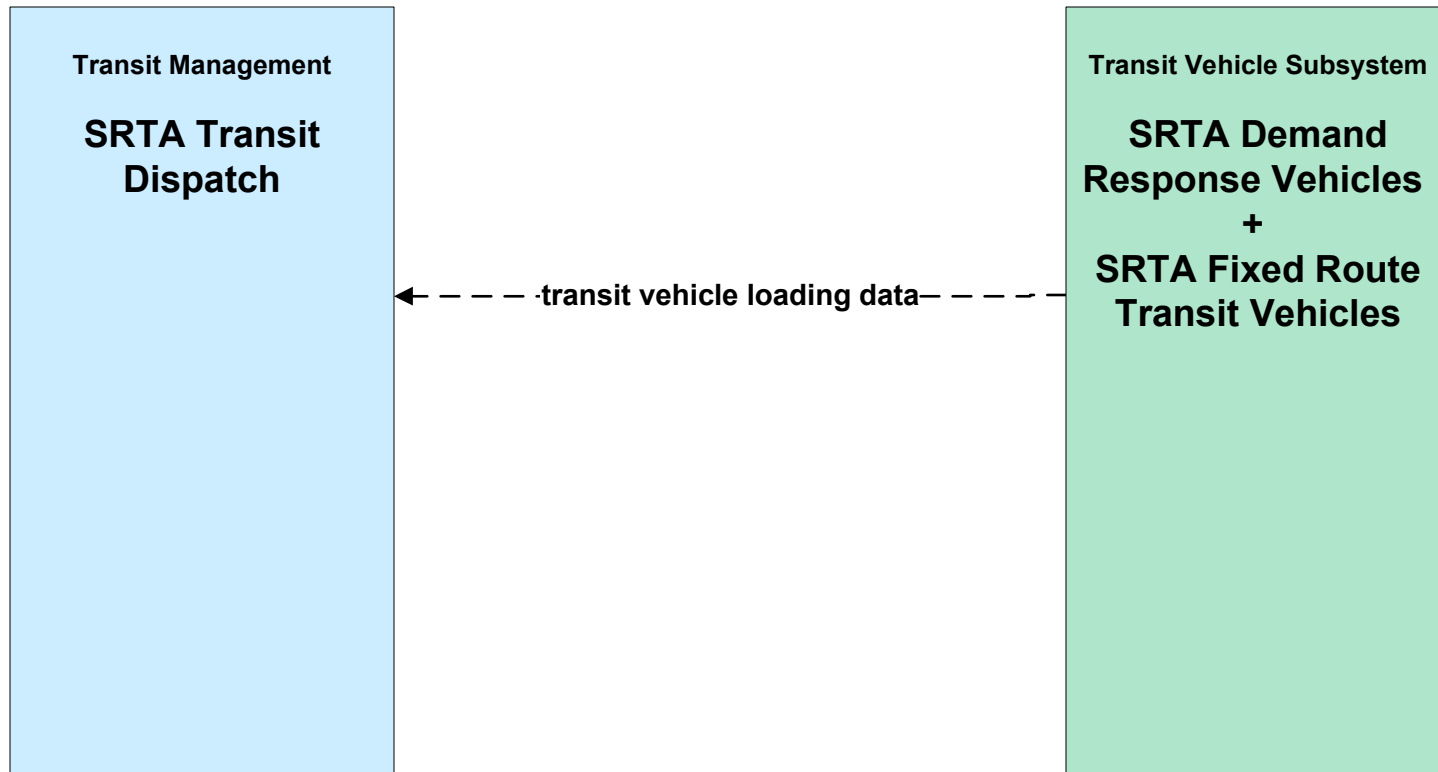
APTS10 – Automated Passenger Counting VTA



**APTS10 – Automated Passenger Counting
NRTA**



**APTS10 – Automated Passenger Counting
SRTA**



**APTS10 – Automated Passenger Counting
Local City/Town**

