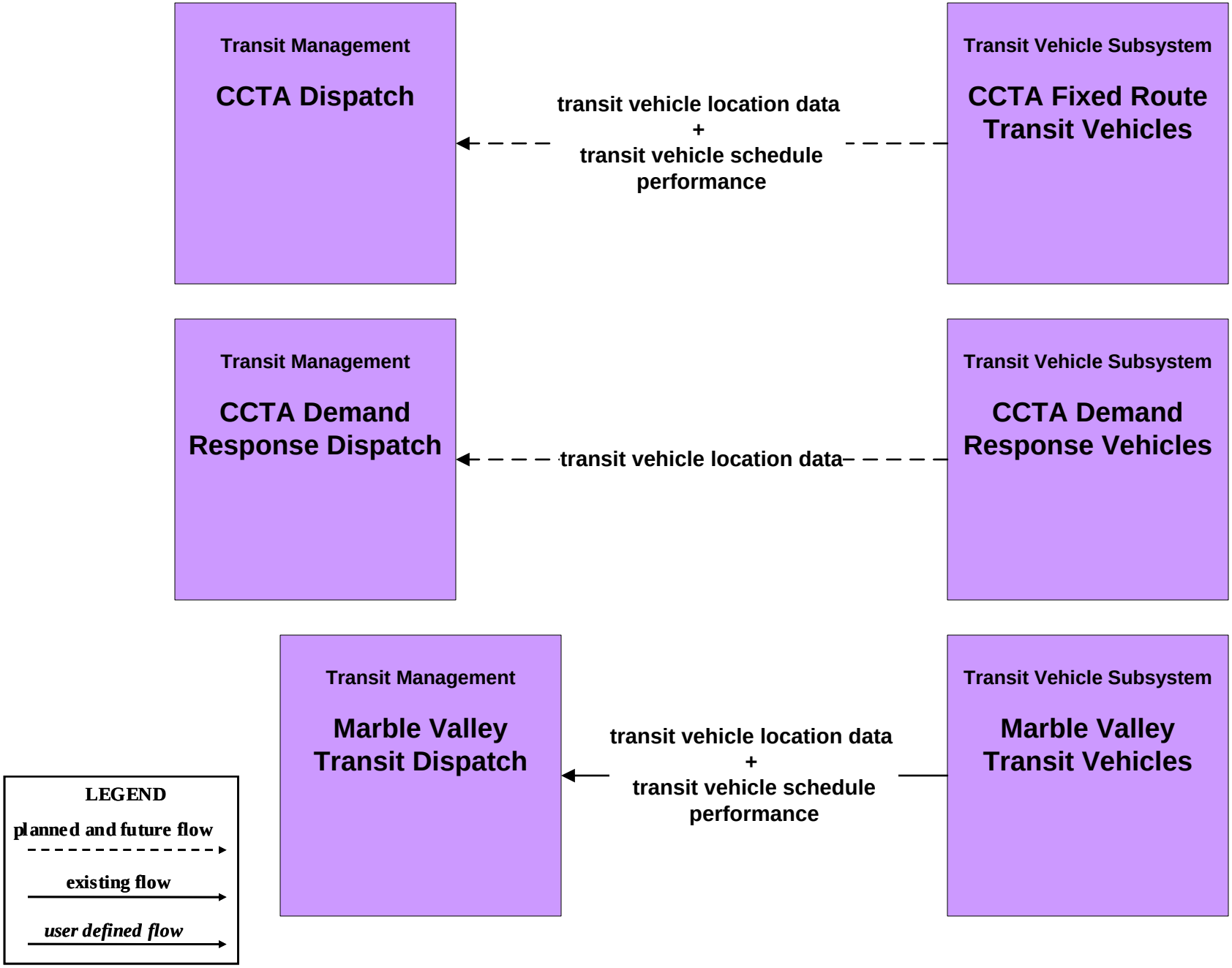
Vermont Statewide ITS Architecture

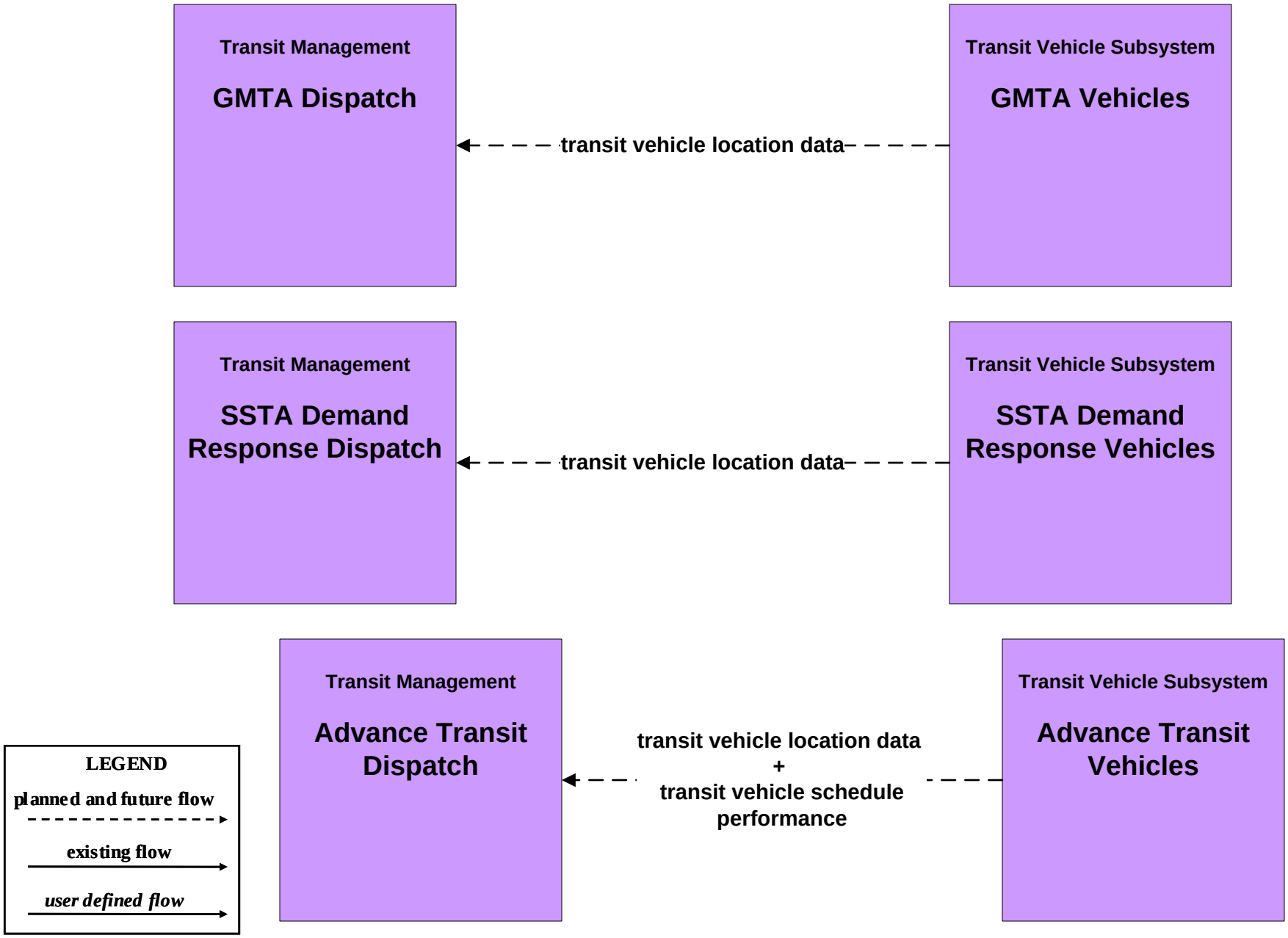
Customized Market Package Diagrams

Advanced Public Transportation Systems (APTS)

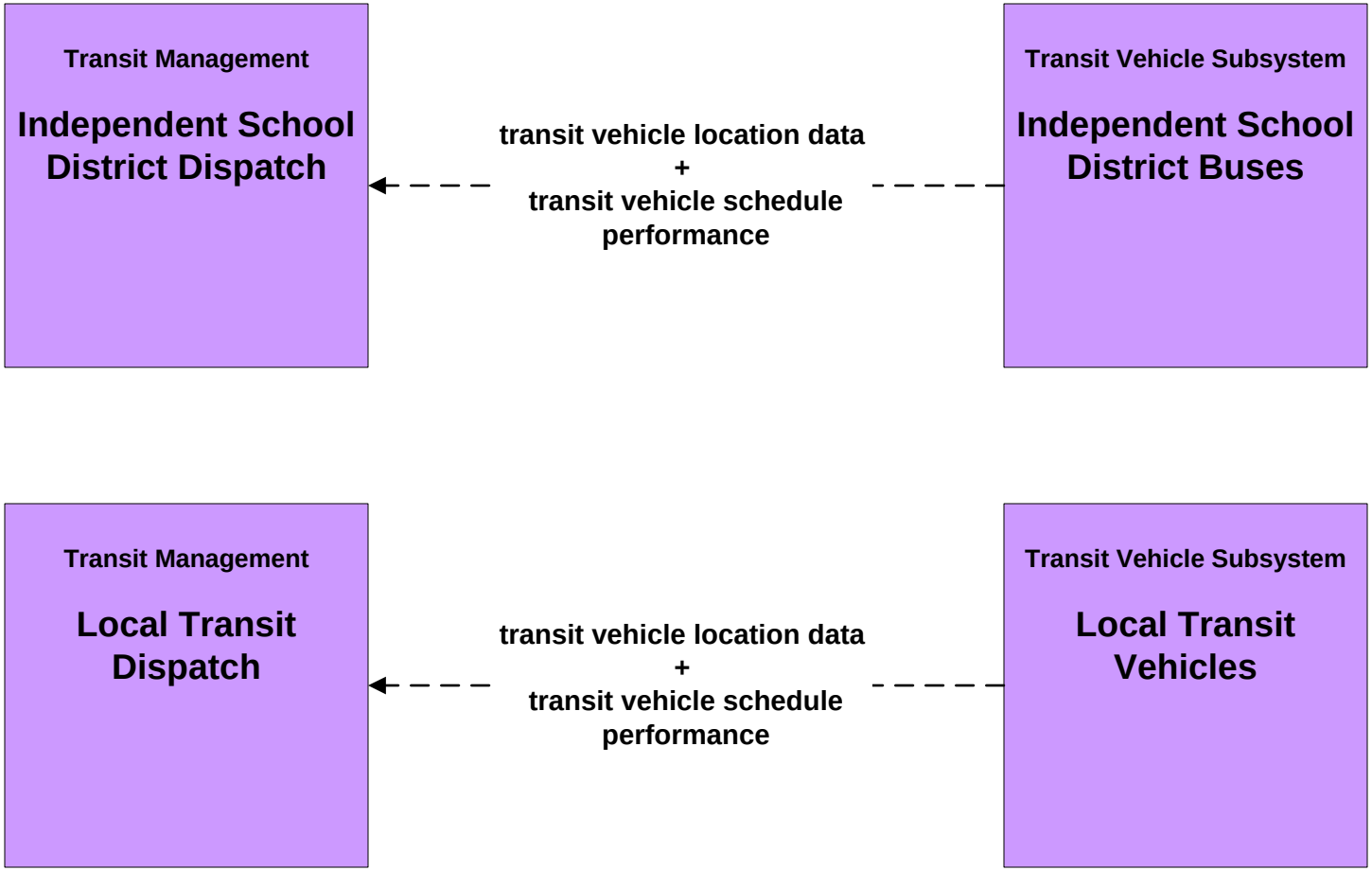
APTS01 - Transit Vehicle Tracking
CCTA/ Marble Valley

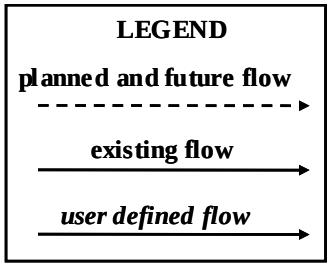


APTS01 - Transit Vehicle Tracking
GMTA/ SSTA/ Advance

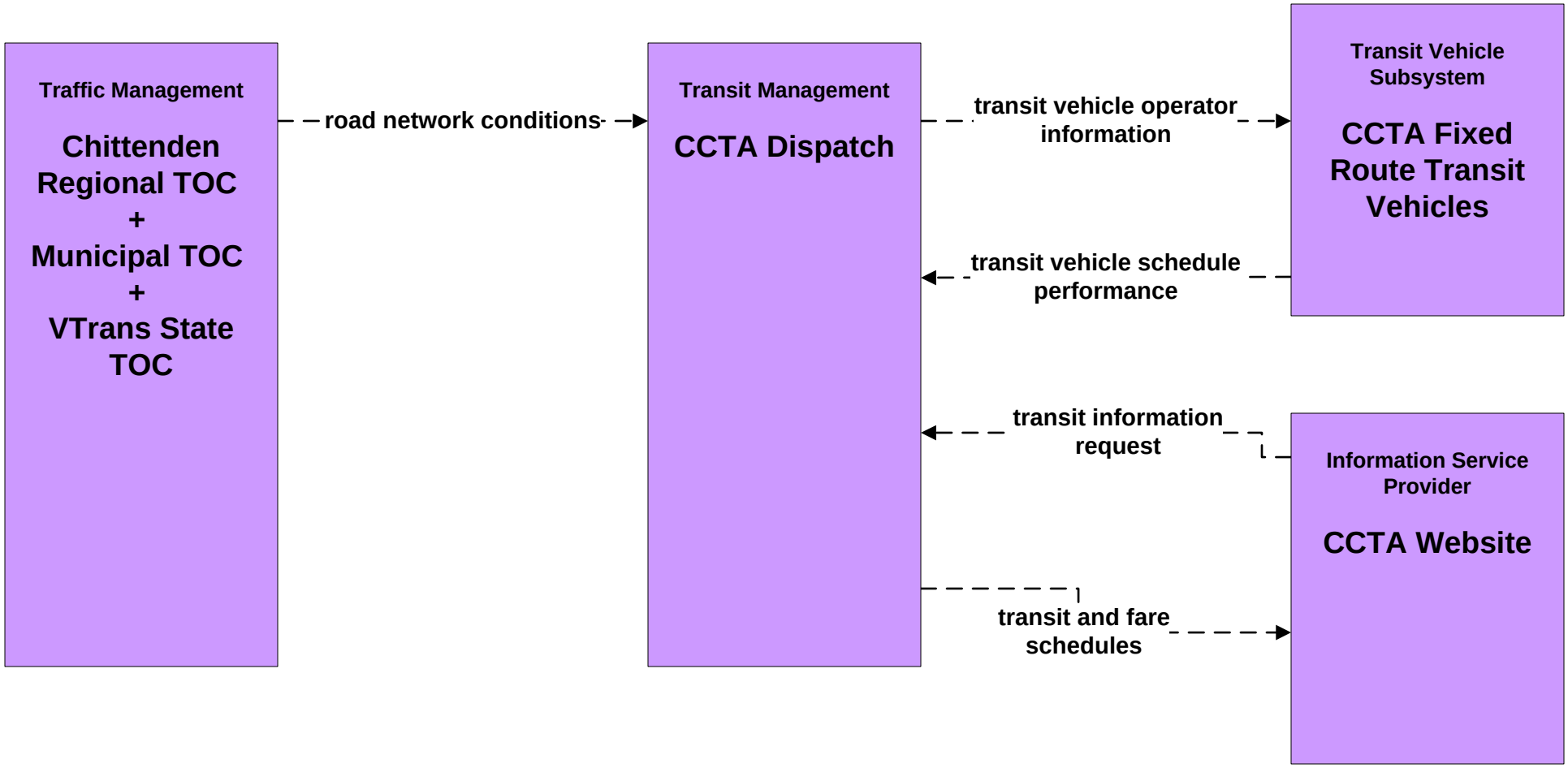


APTS01 - Transit Vehicle Tracking
Independent School Districts/ Local Transit





APTS02 - Transit Fixed-Route Operations
CCTA



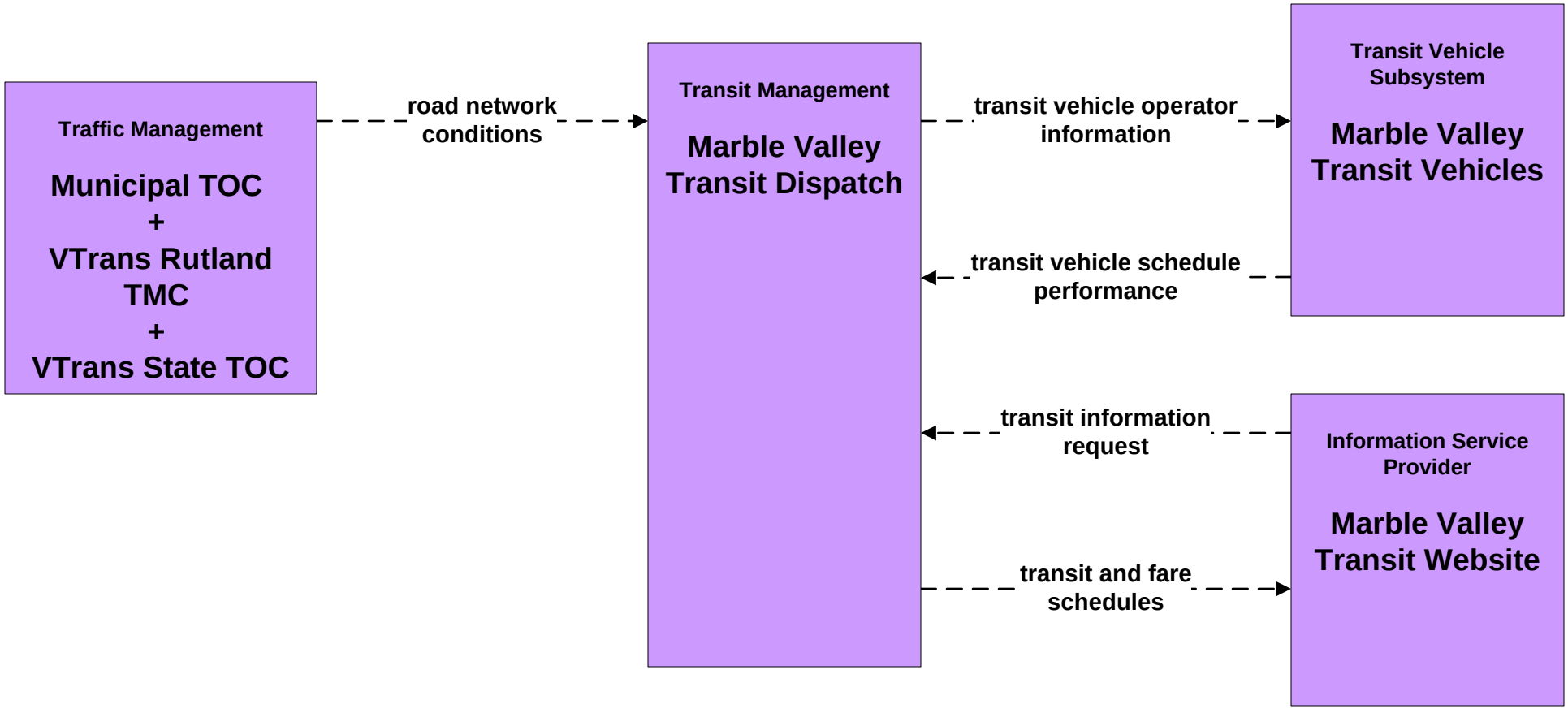
LEGEND

planned and future flow

existing flow

user defined flow

APTS02 - Transit Fixed-Route Operations
Marble Valley Transit



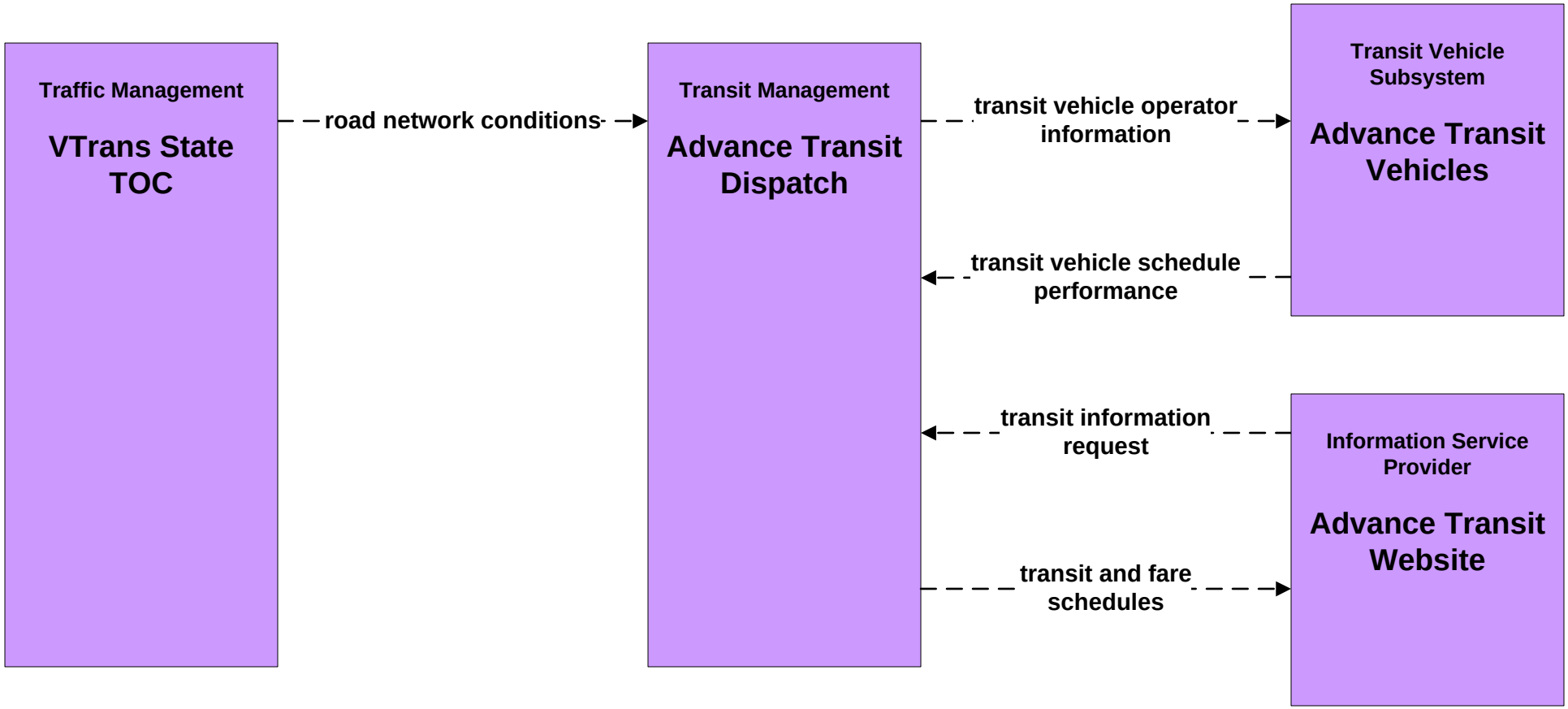
LEGEND

planned and future flow

existing flow

user defined flow

APTS02 - Transit Fixed-Route Operations
Advance Transit Dispatch



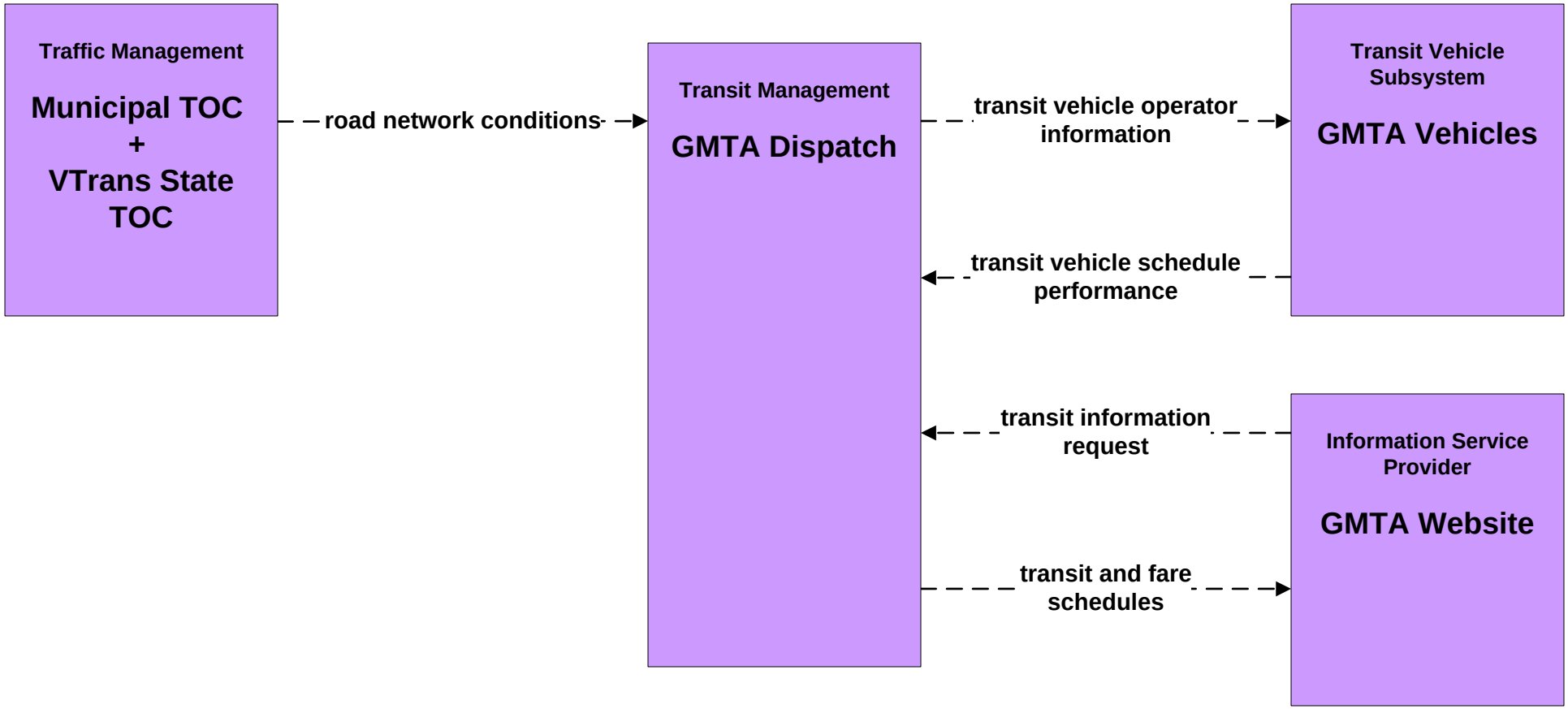
LEGEND

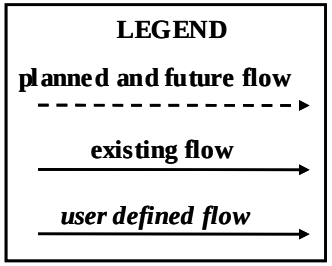
planned and future flow

existing flow

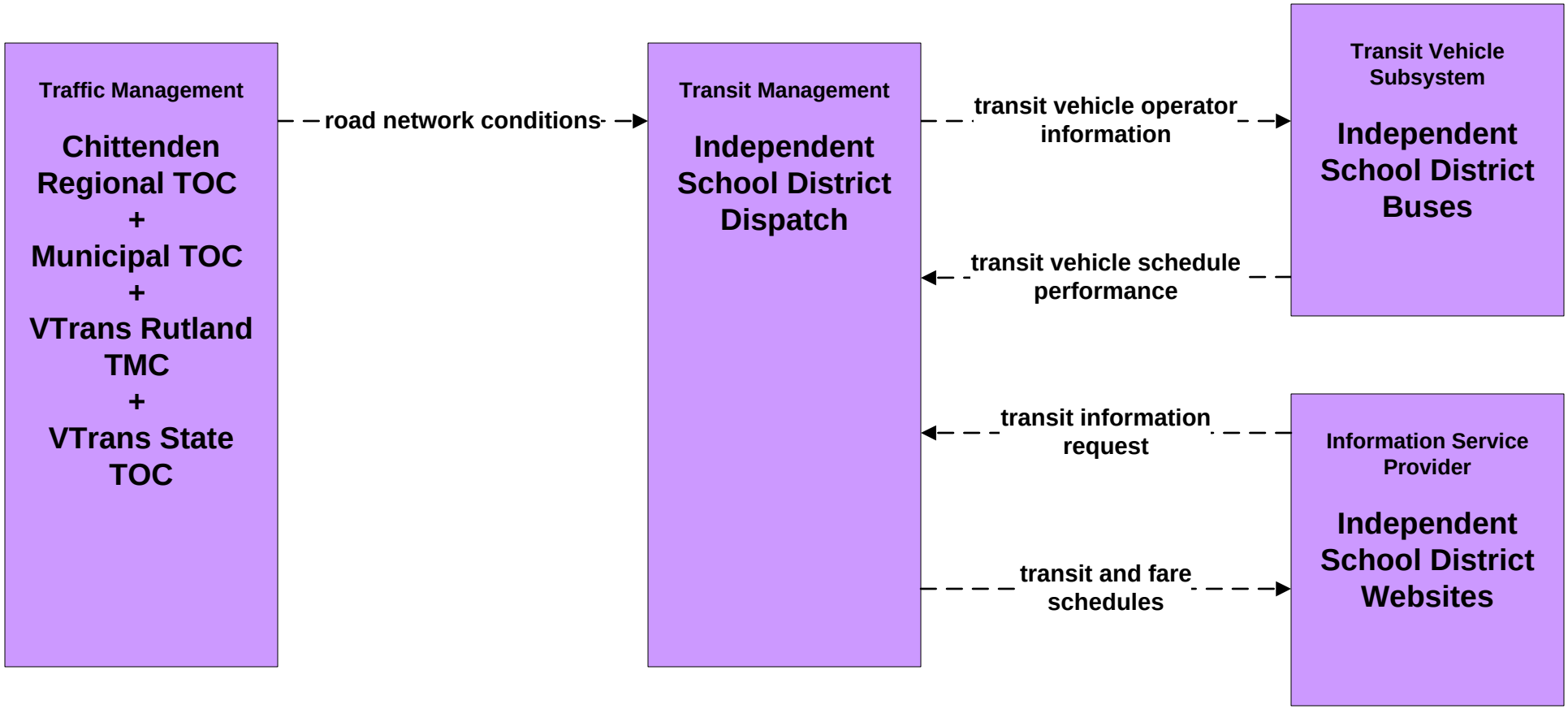
user defined flow

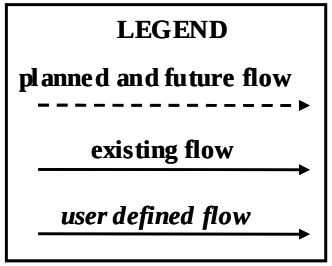
APTS02 - Transit Fixed-Route Operations
GMTA



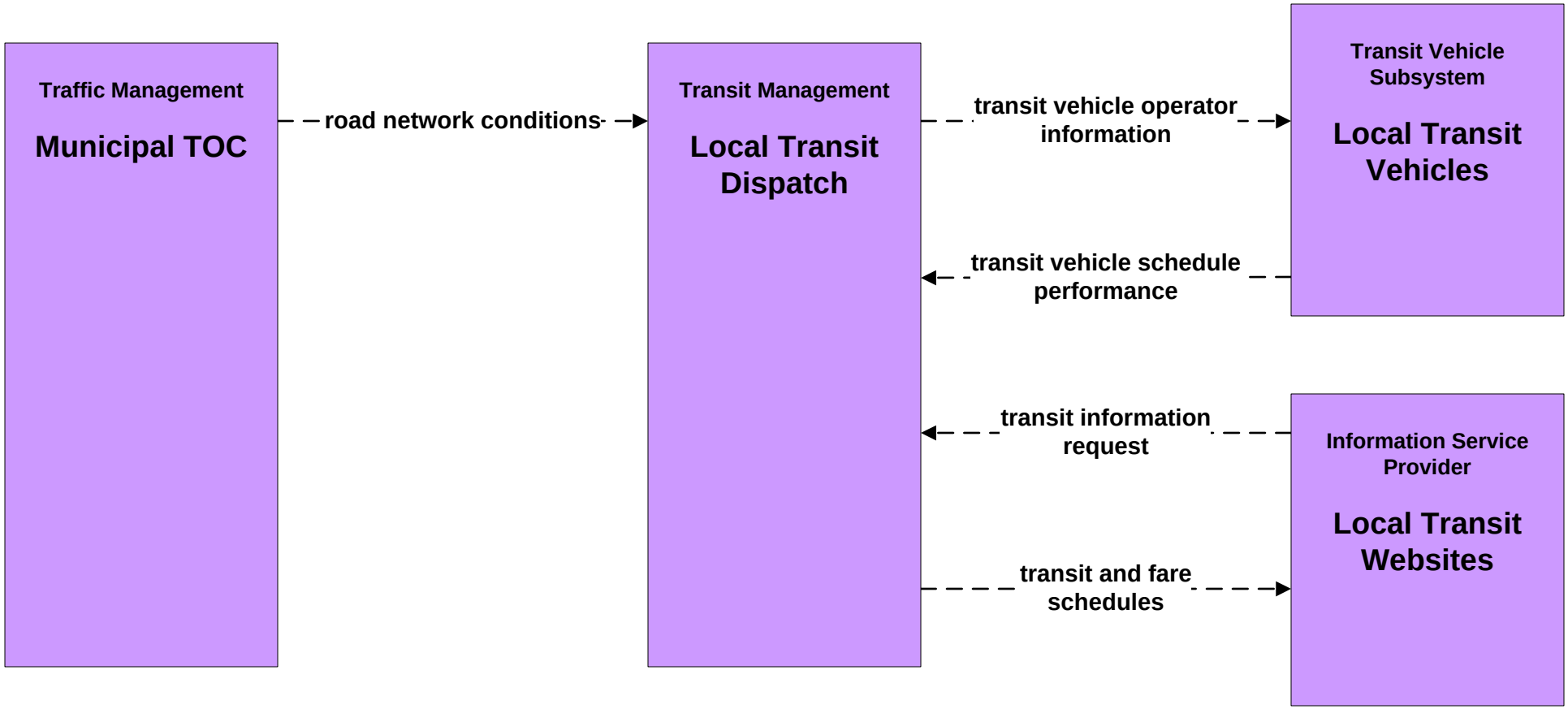


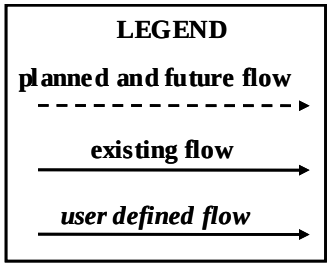
APTS02 - Transit Fixed-Route Operations
Independent School Districts



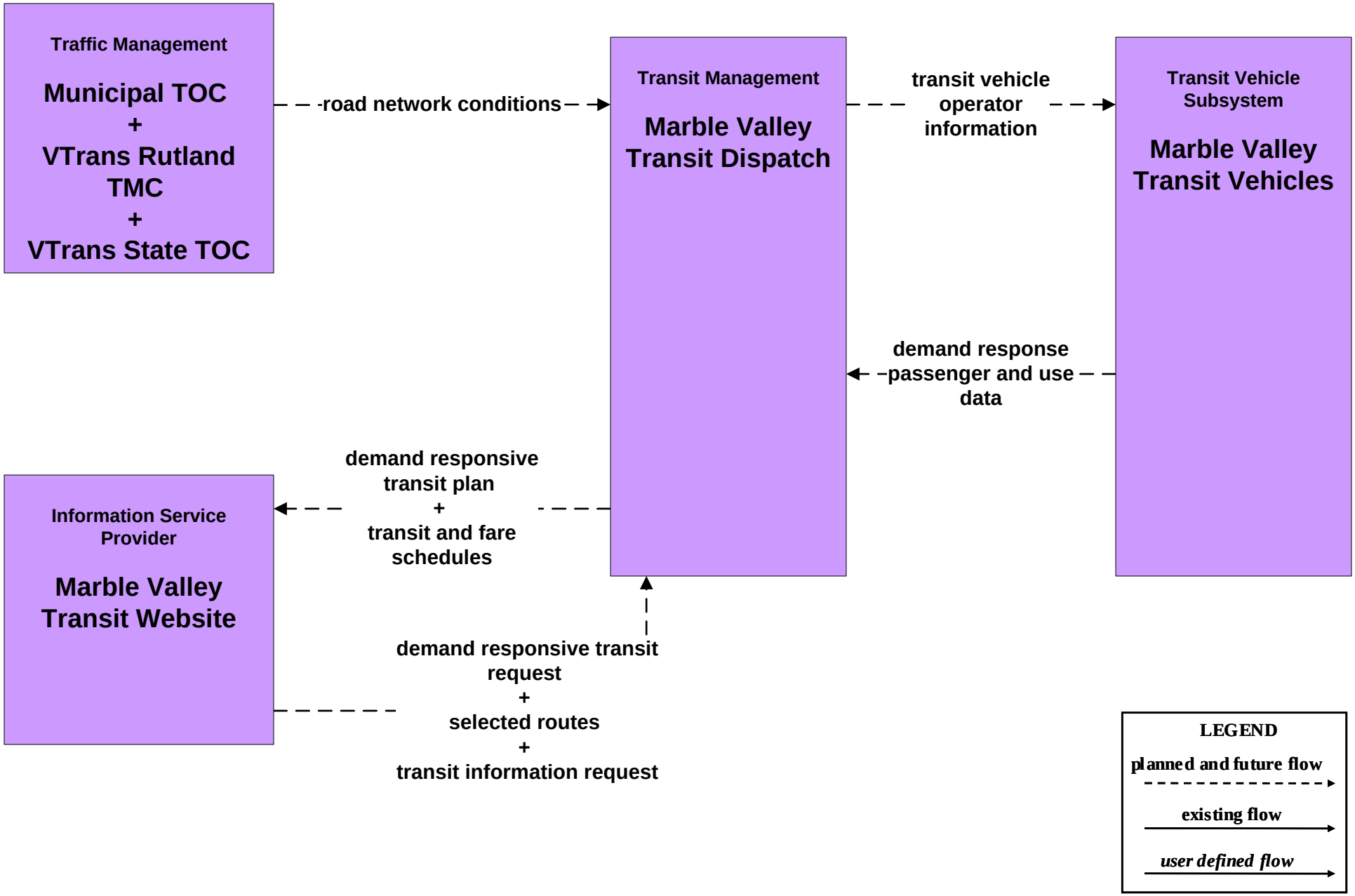


APTS02 - Transit Fixed-Route Operations
Local Transit

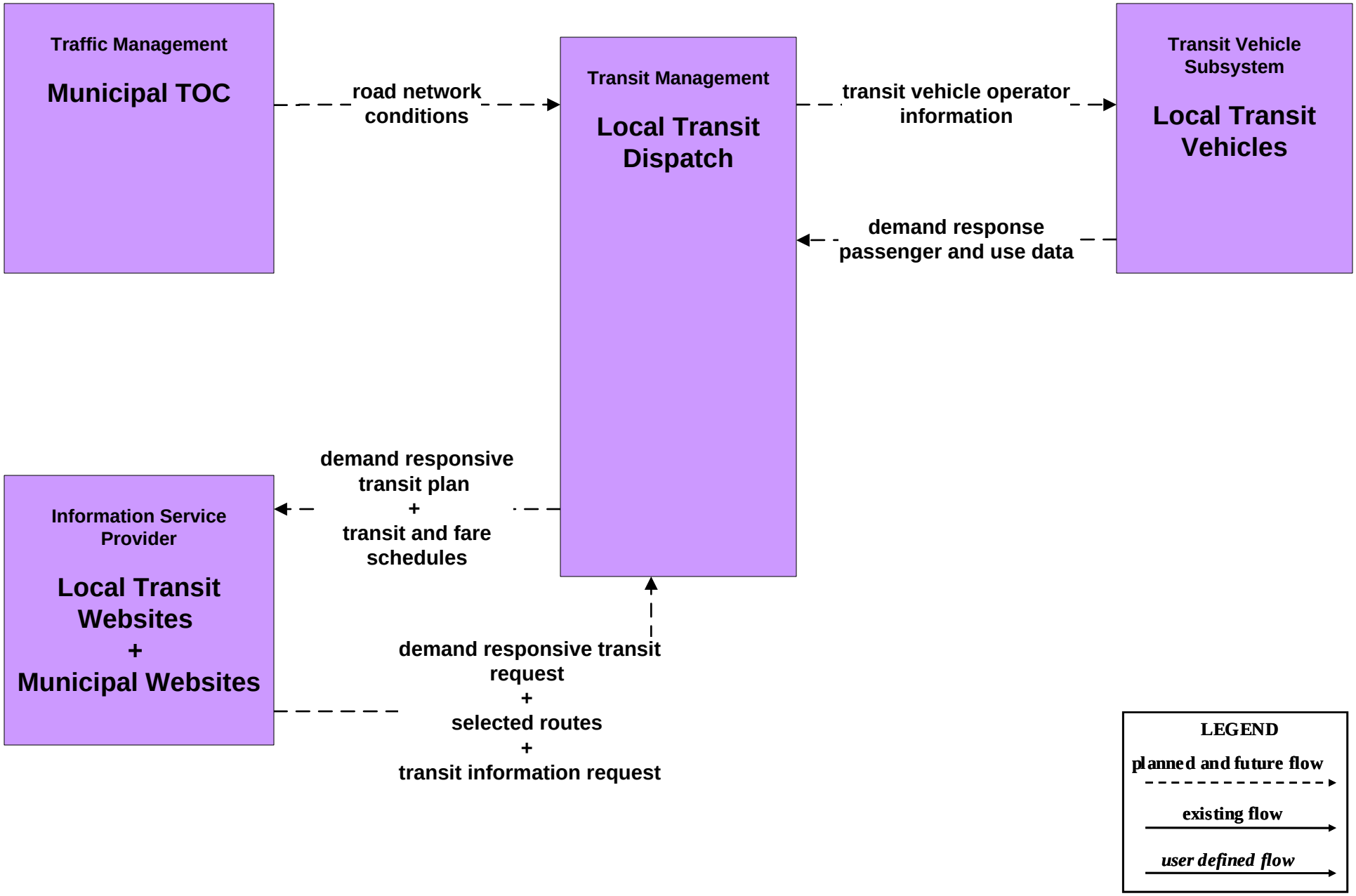




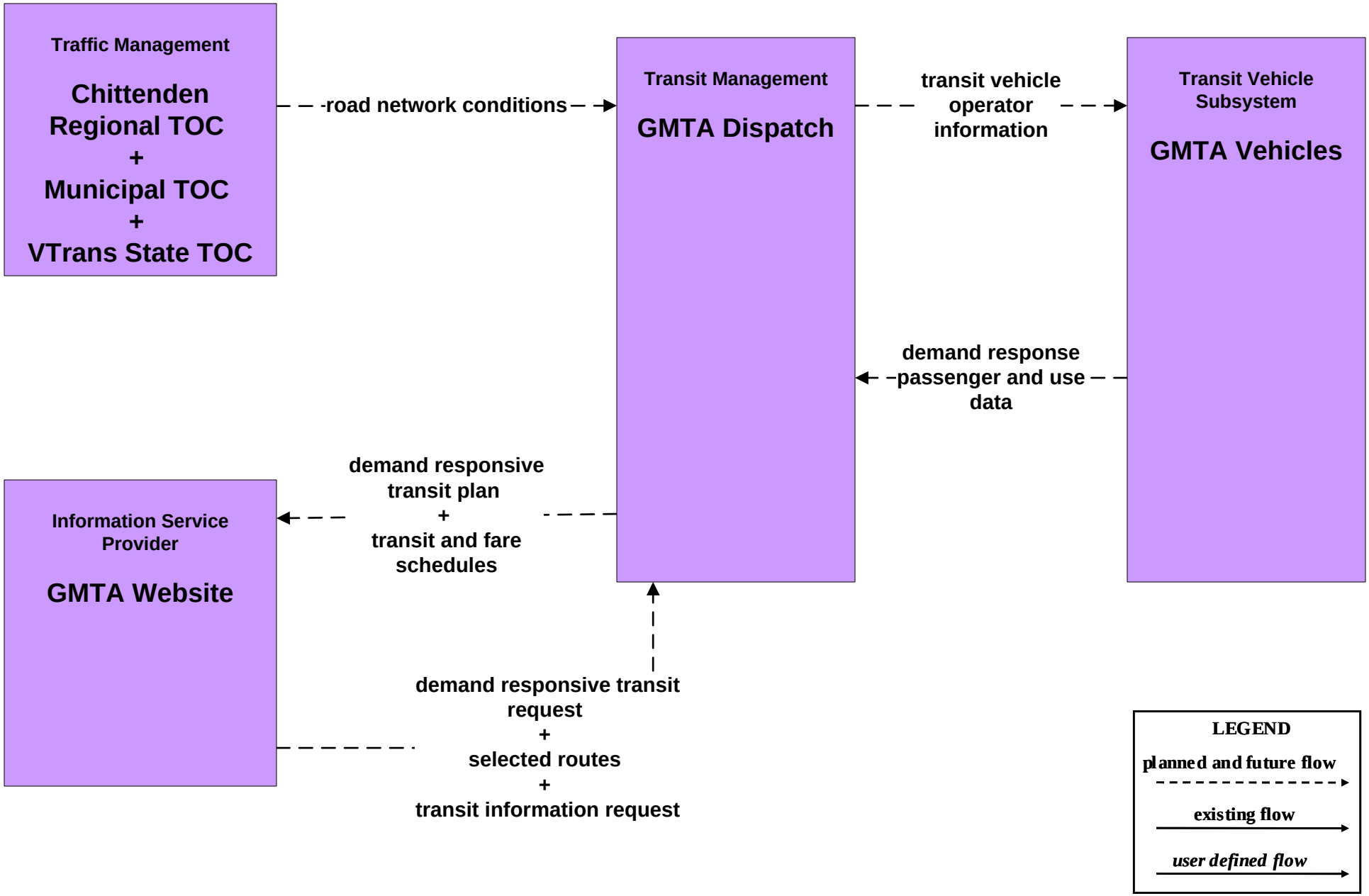
APTS03 - Demand Response Operations
Marble Valley Transit



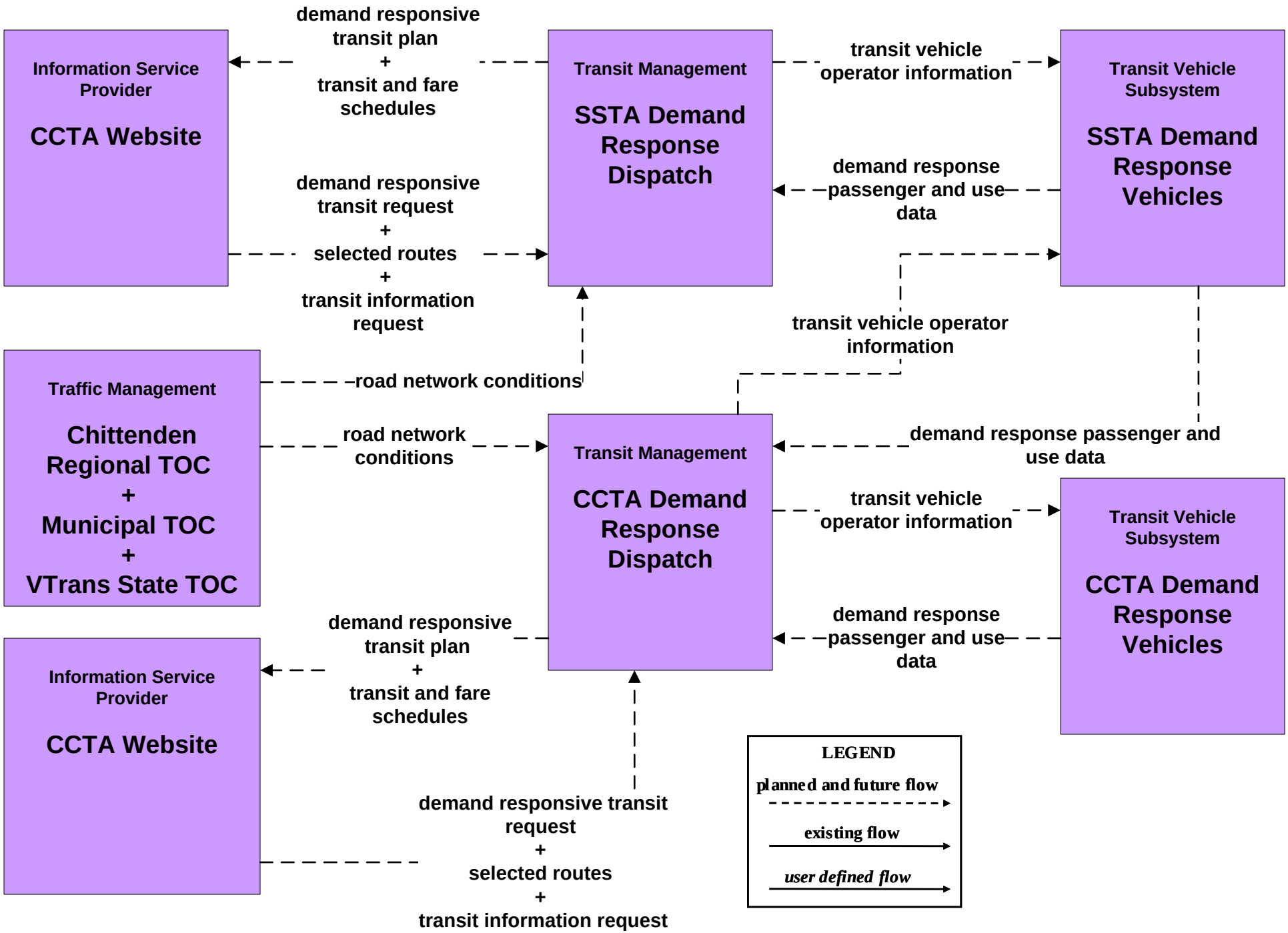
APTS03 - Paratransit Operations
Local Transit Dispatch



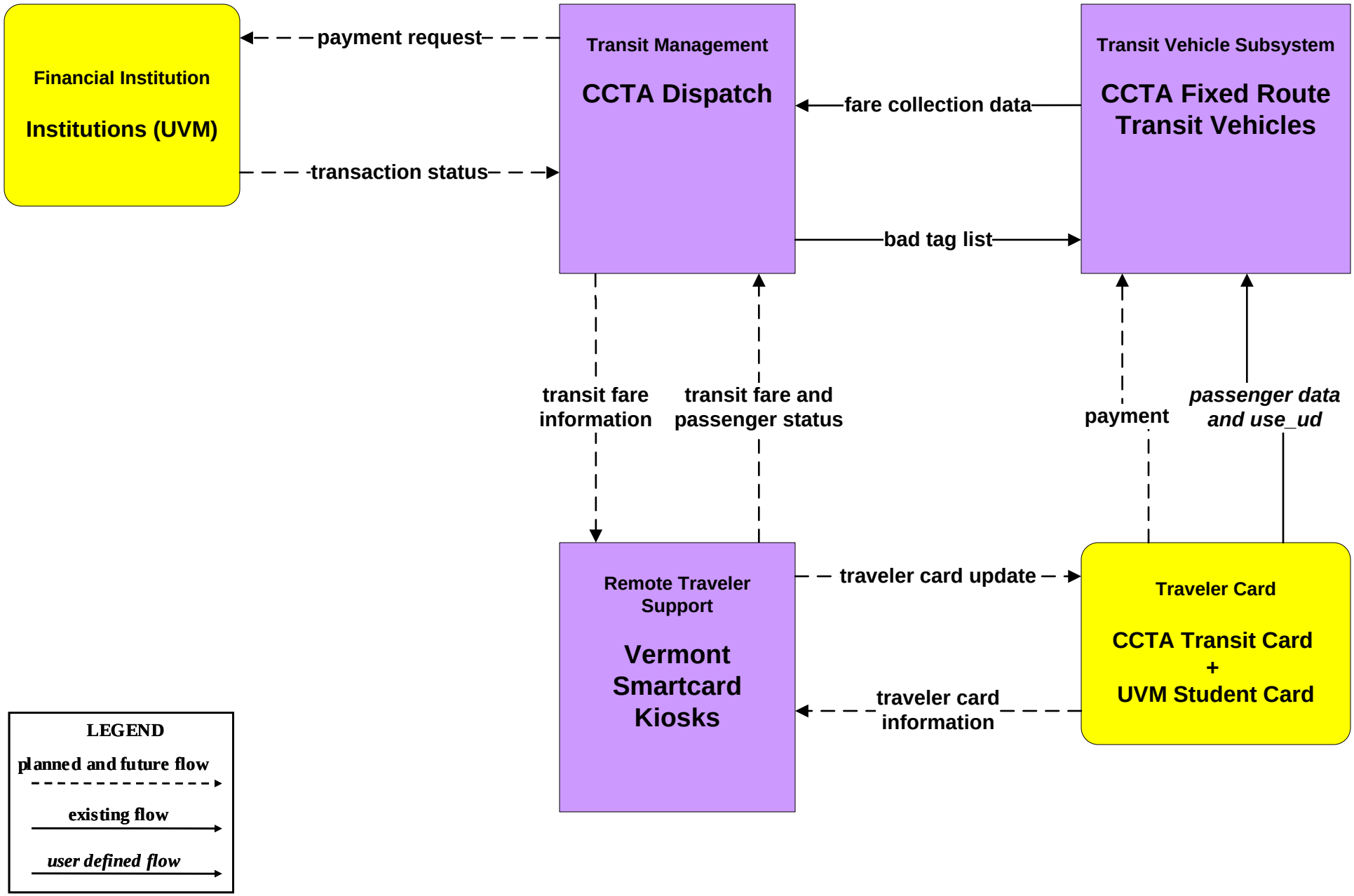
APTS03 - Demand Response Operations
GMTA



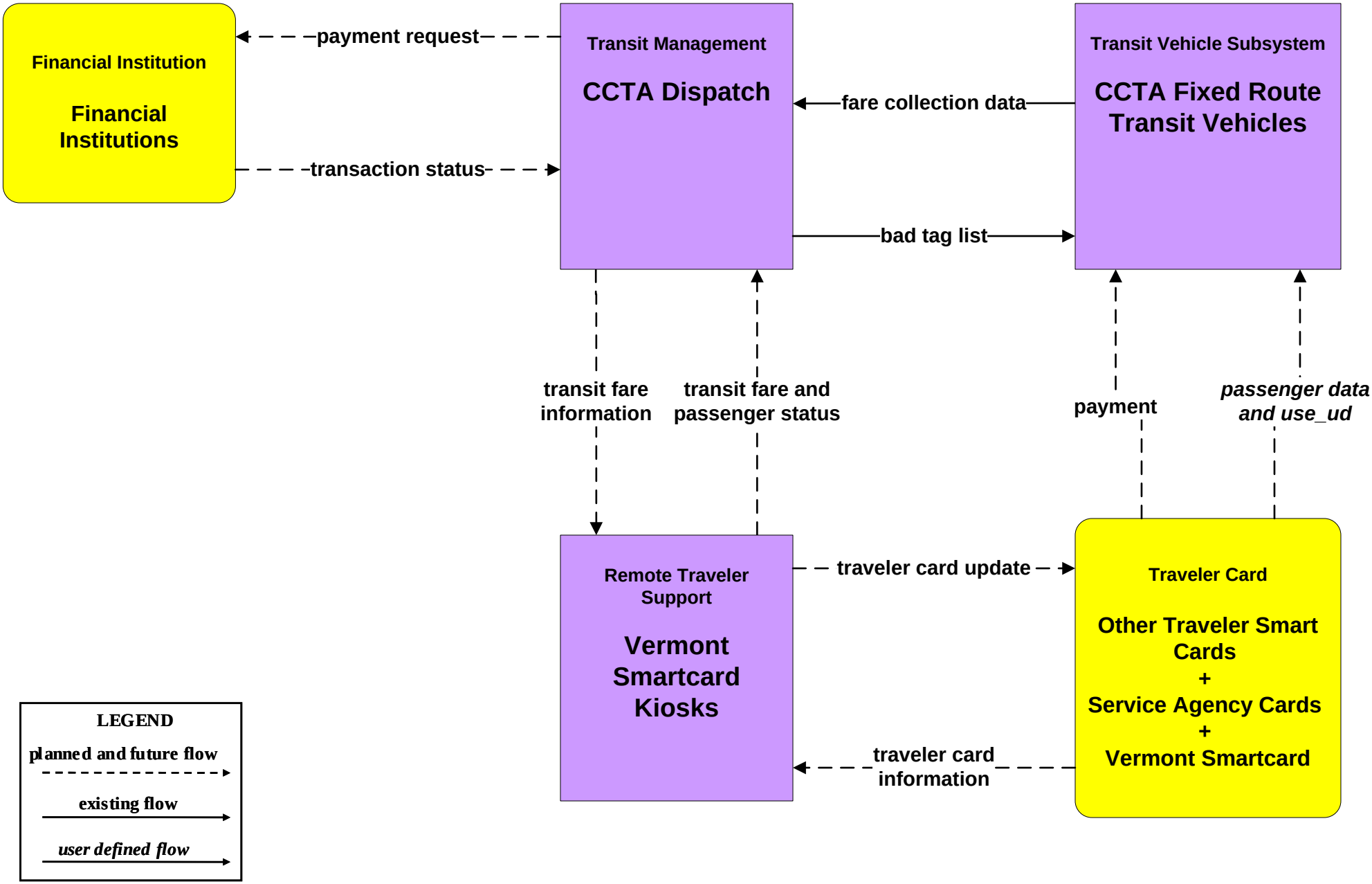
APTS03 - Demand Response Operations
CCTA/SSTA



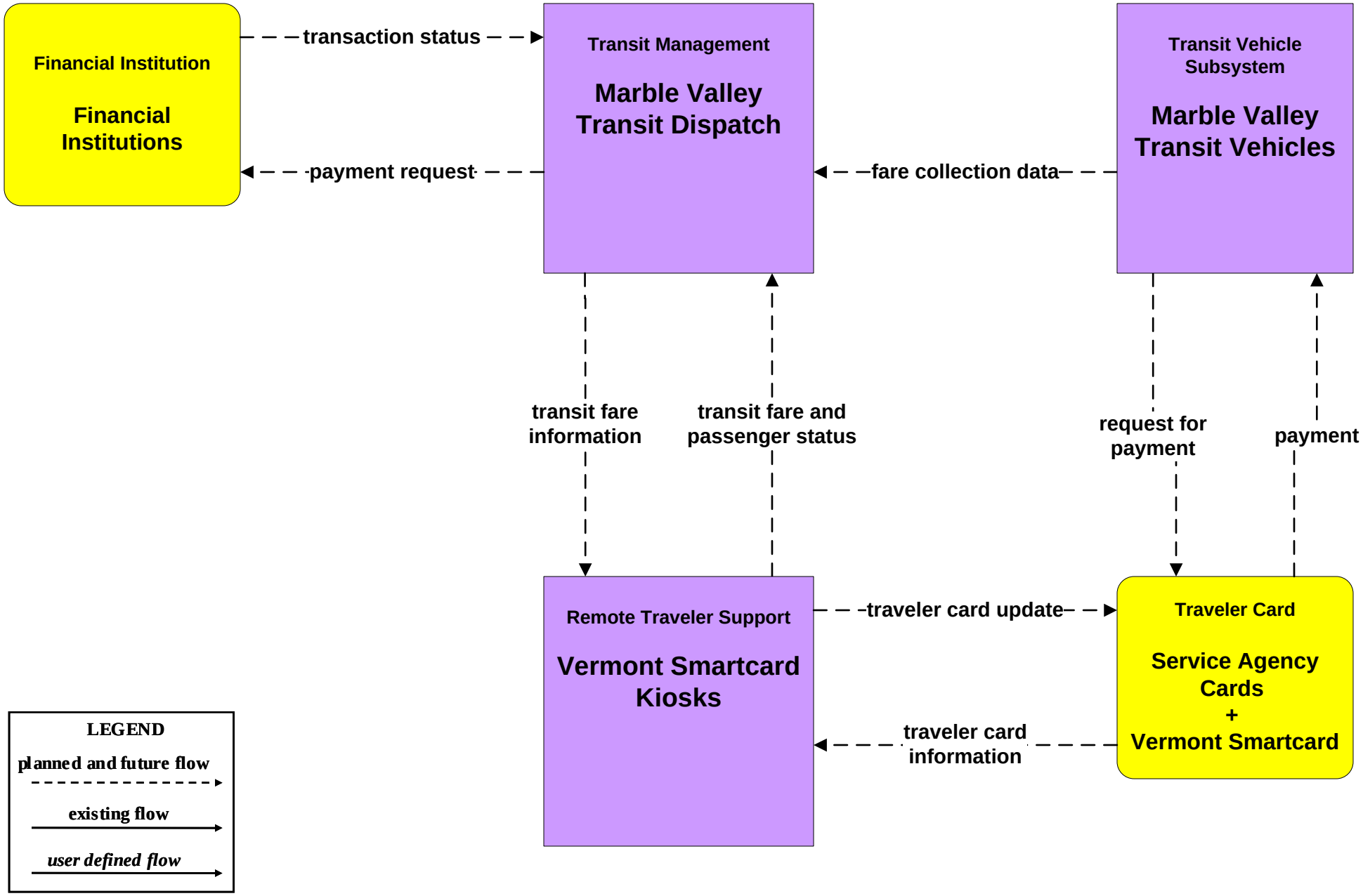
APTS04 - Transit Fare Collection Management
CCTA



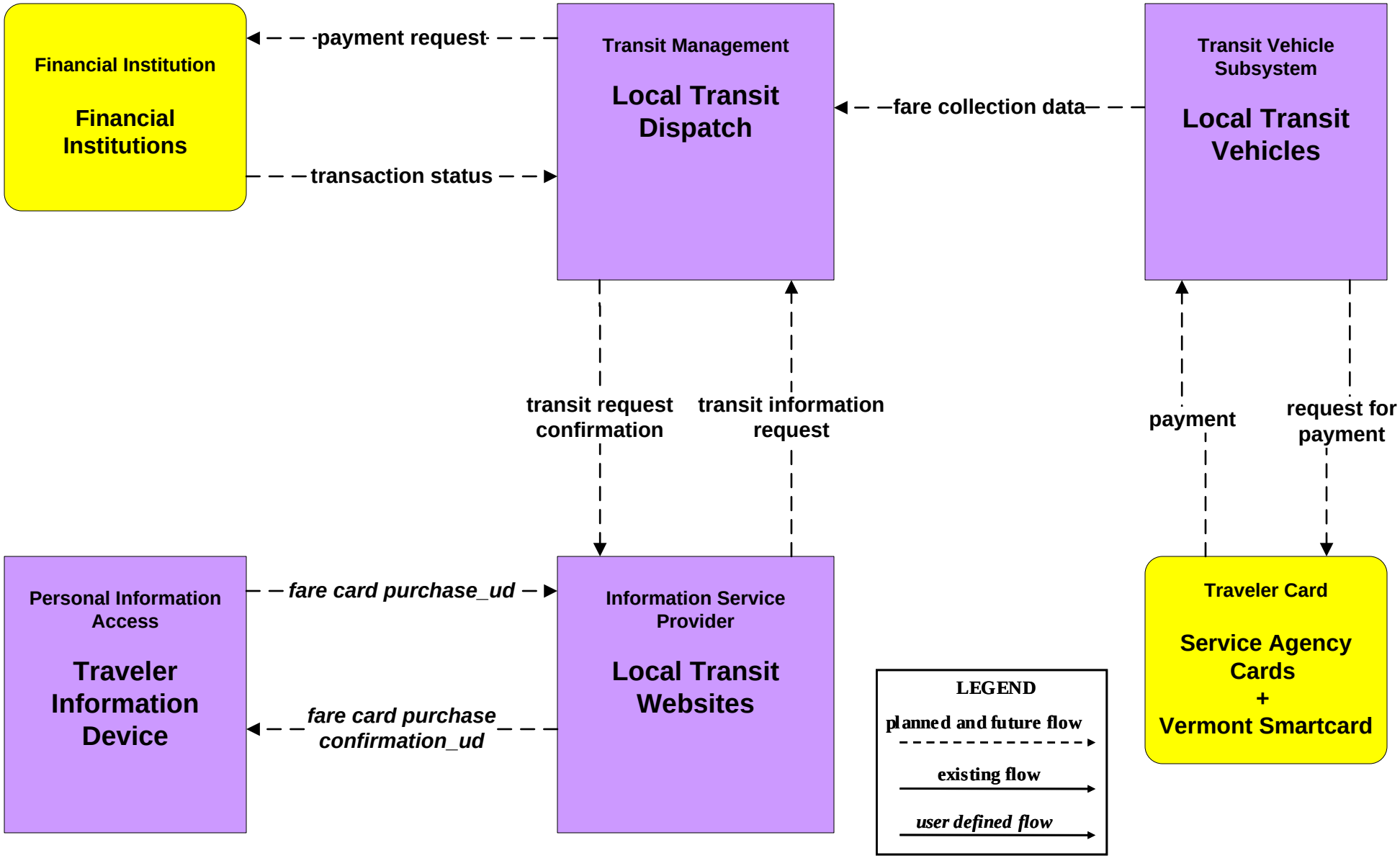
APTS04 - Transit Fare Collection Management
CCTA- Vermont Smartcard



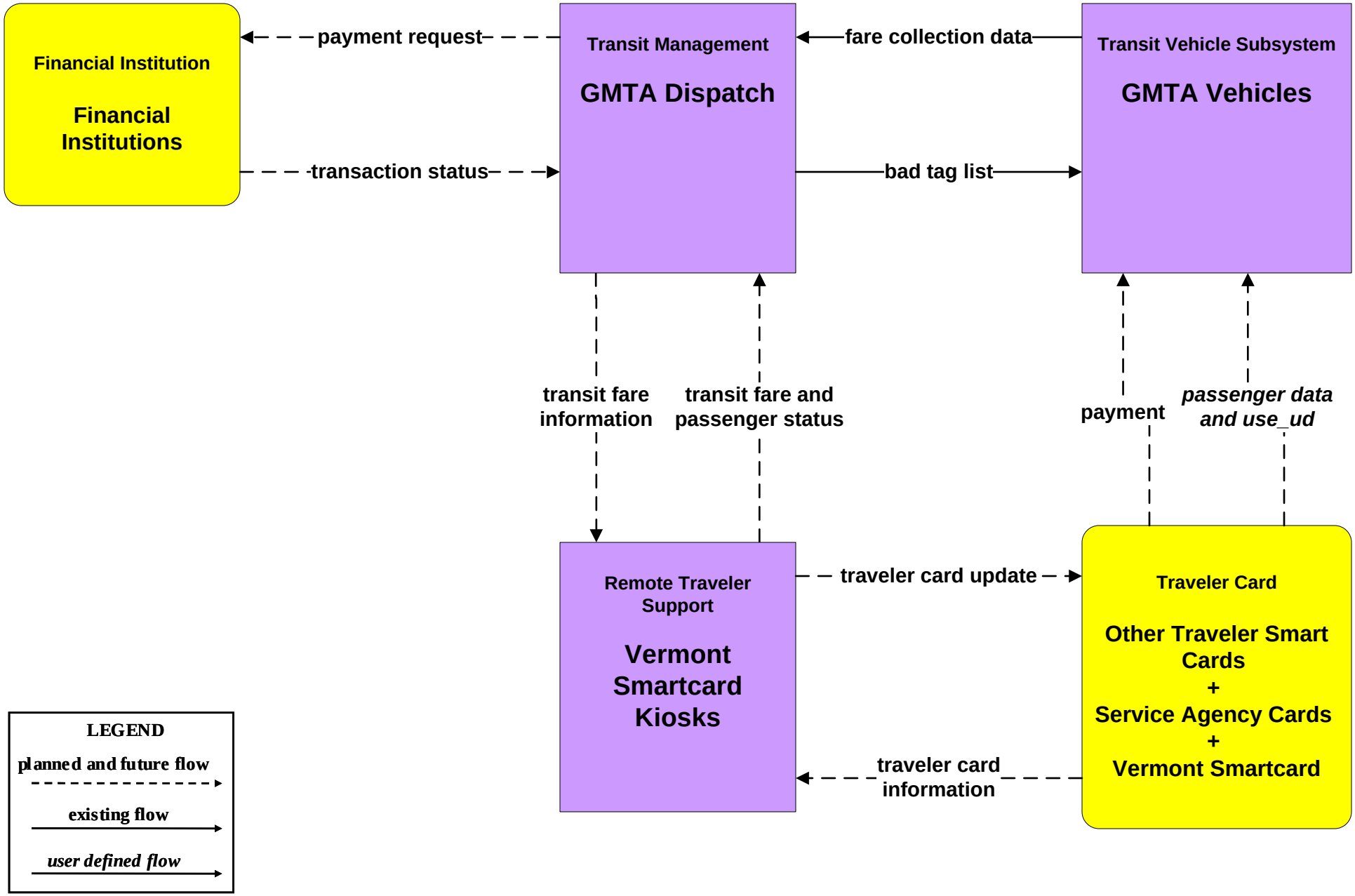
APTS04 - Transit Fare Collection Management
Marble Valley Transit



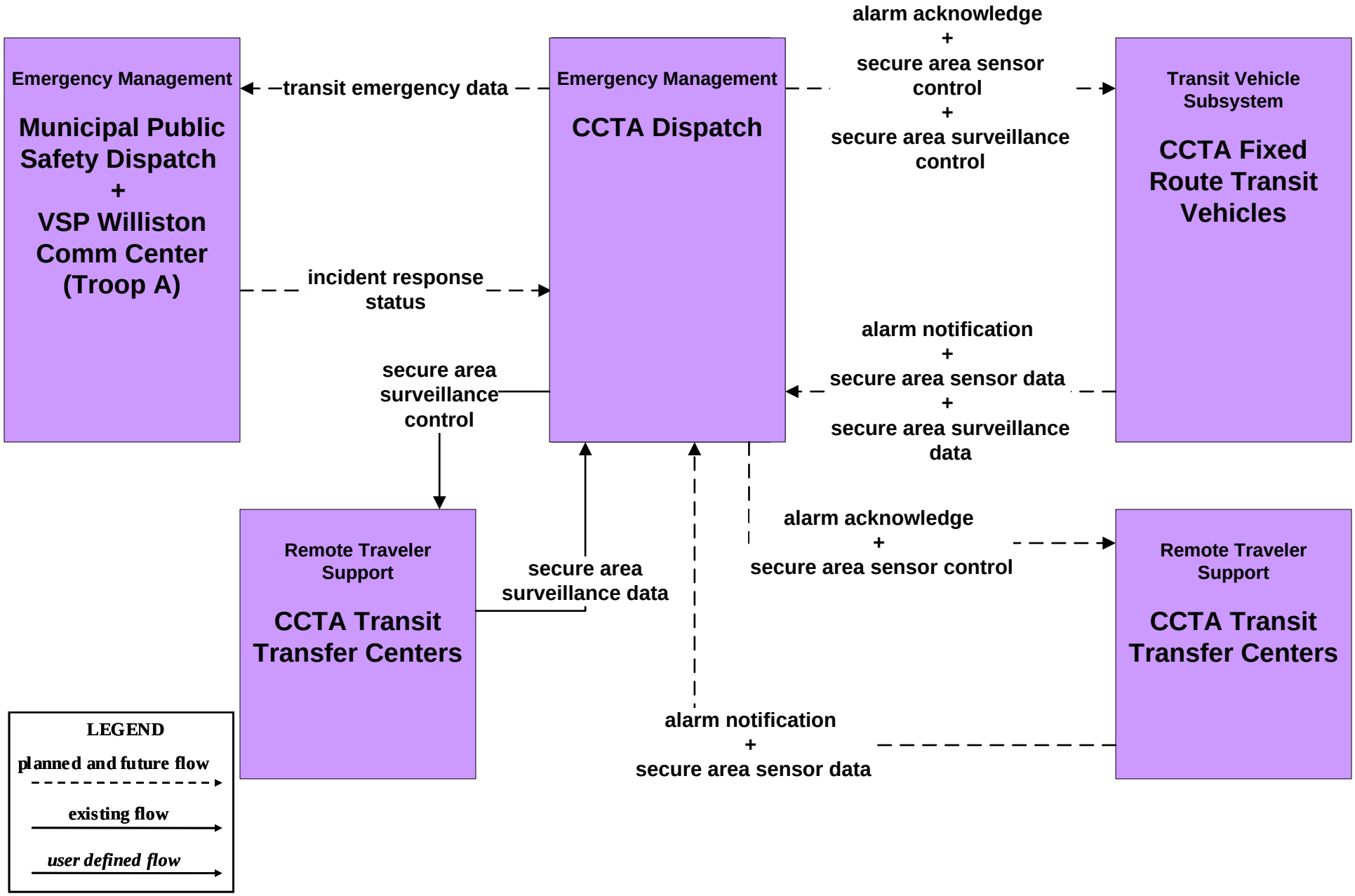
APTS04 - Transit Fare Collection Management
Local Transit Districts



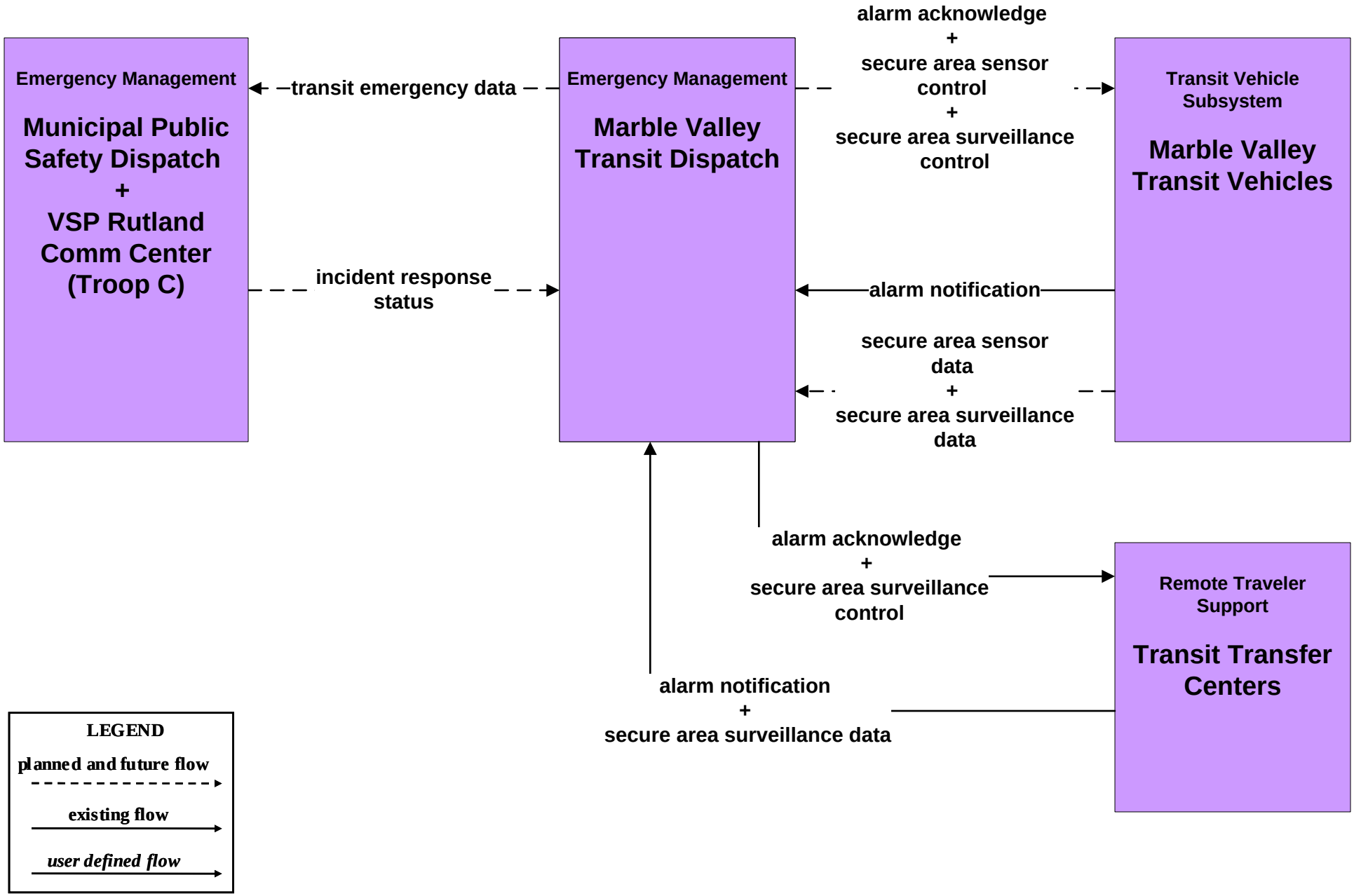
APTS04 - Transit Fare Collection Management
GMTA- Vermont Smartcard



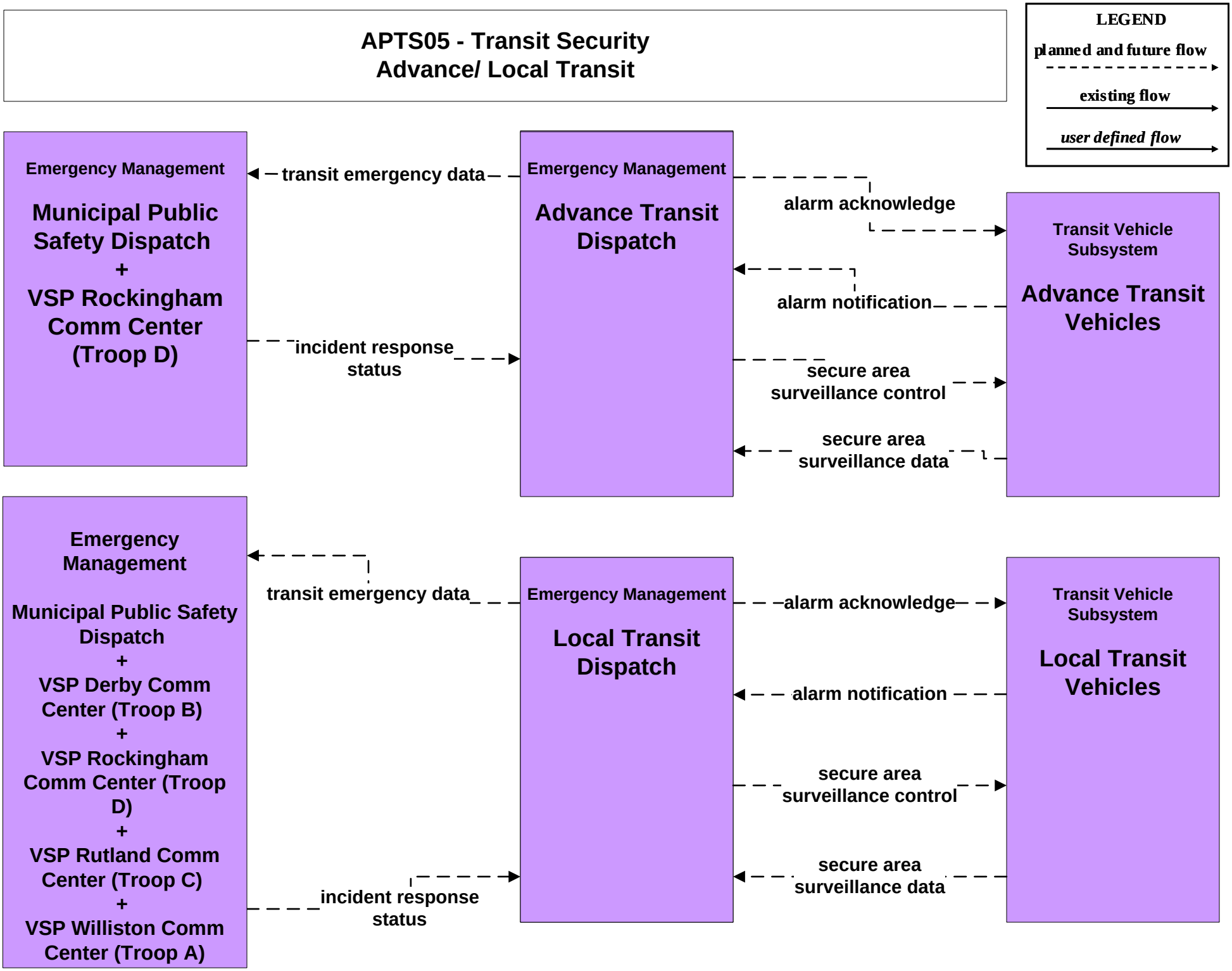
APTS05 - Transit Security
CCTA



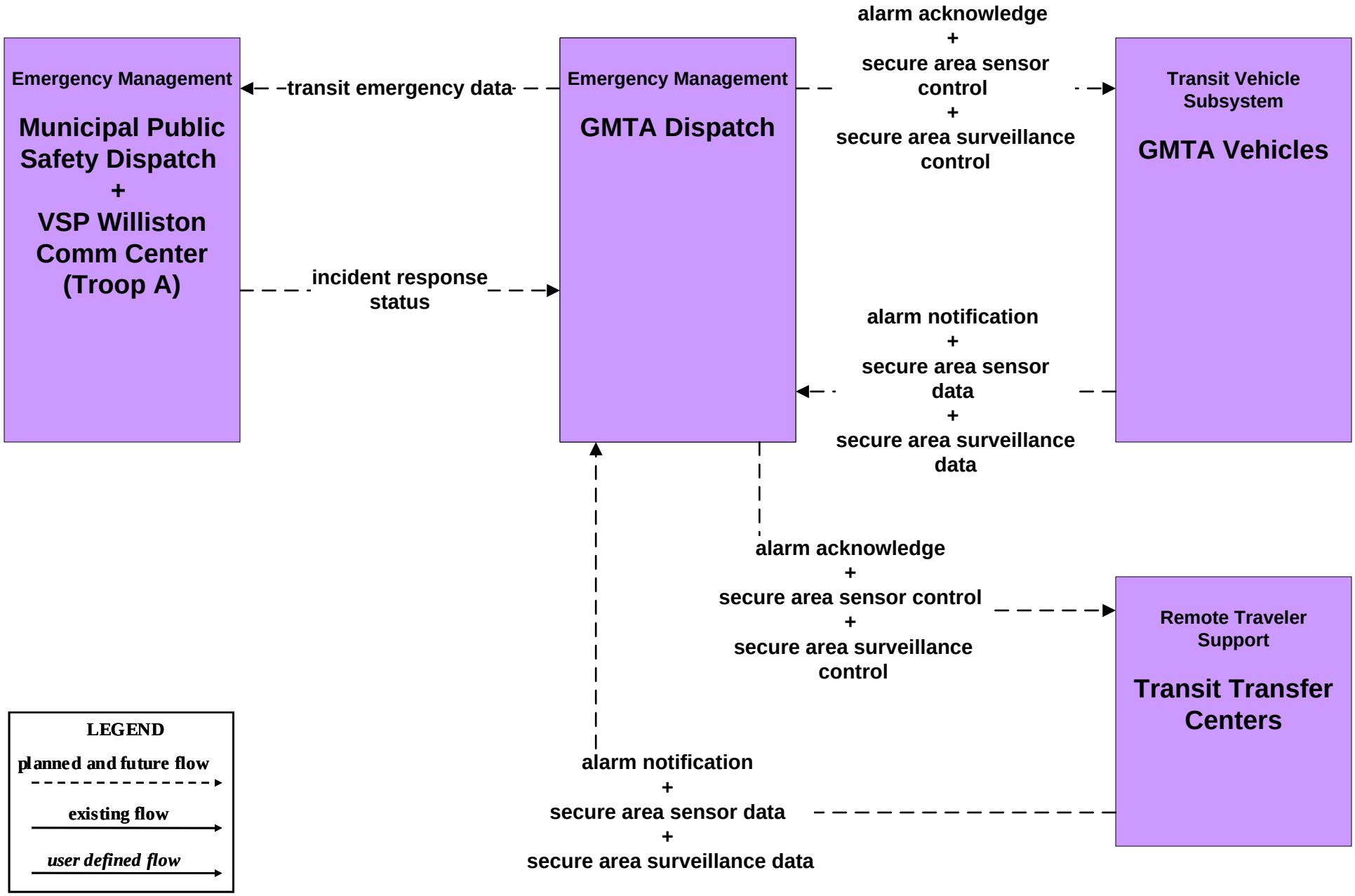
APTS05 - Transit Security
Marble Valley Transit



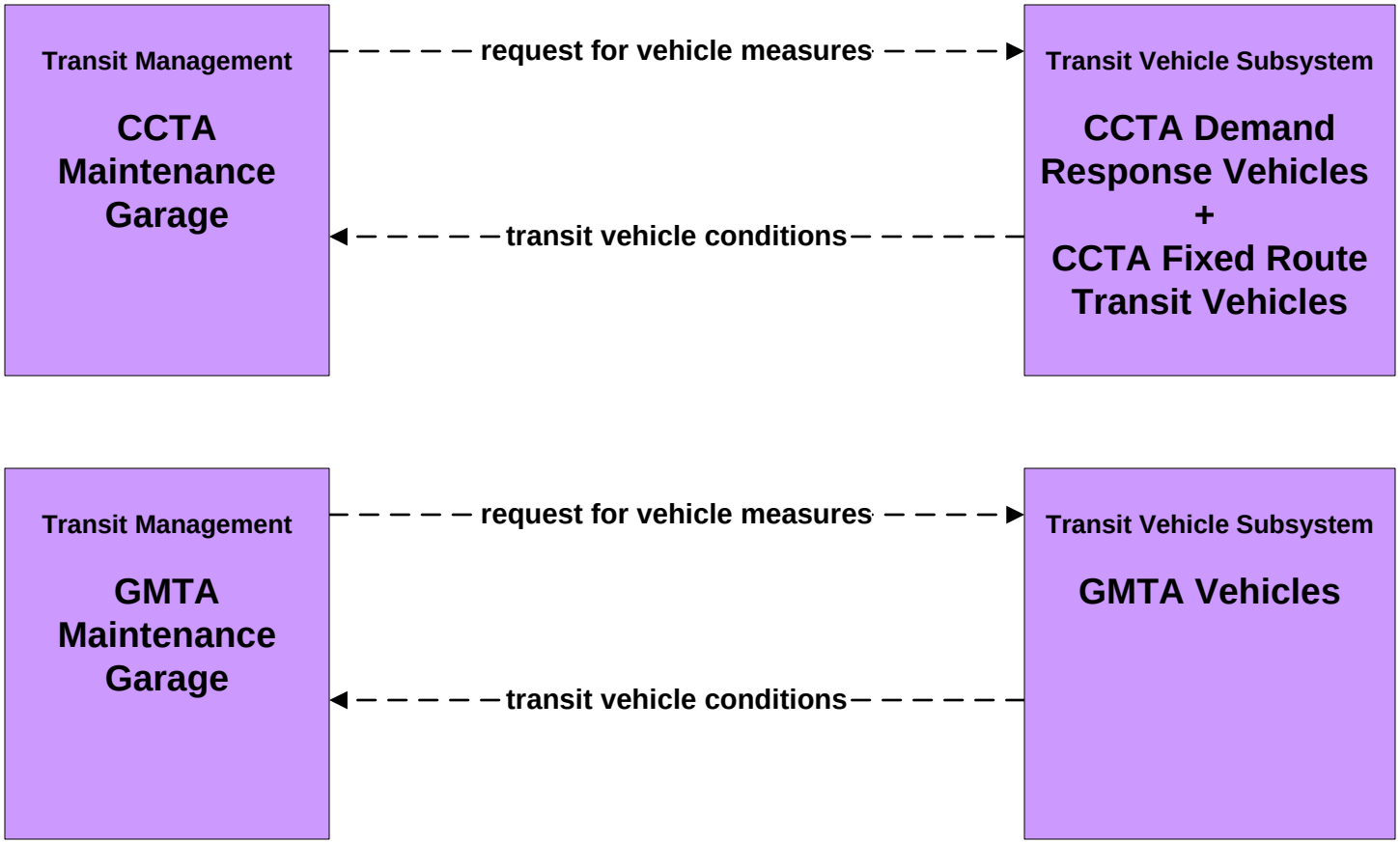
APTS05 - Transit Security
Advance/ Local Transit

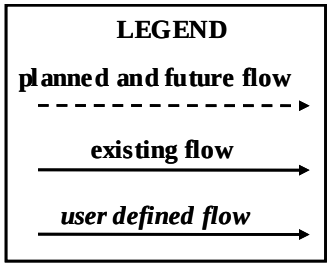


APTS05 - Transit Security
GMTA

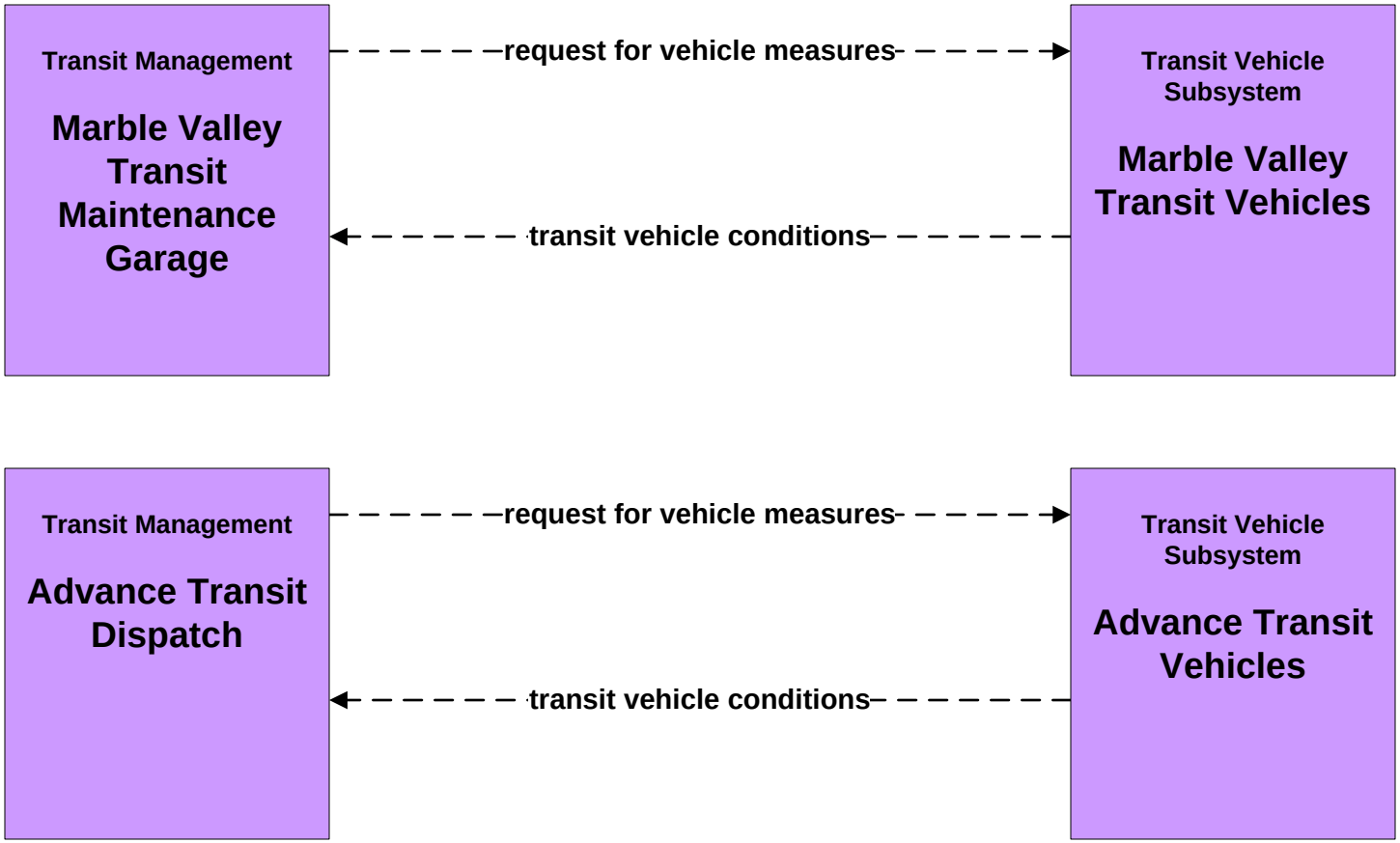


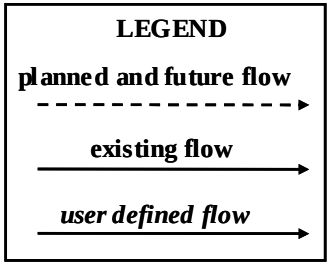
APTS06 - Transit Fleet Management
CCTA/ GMTA



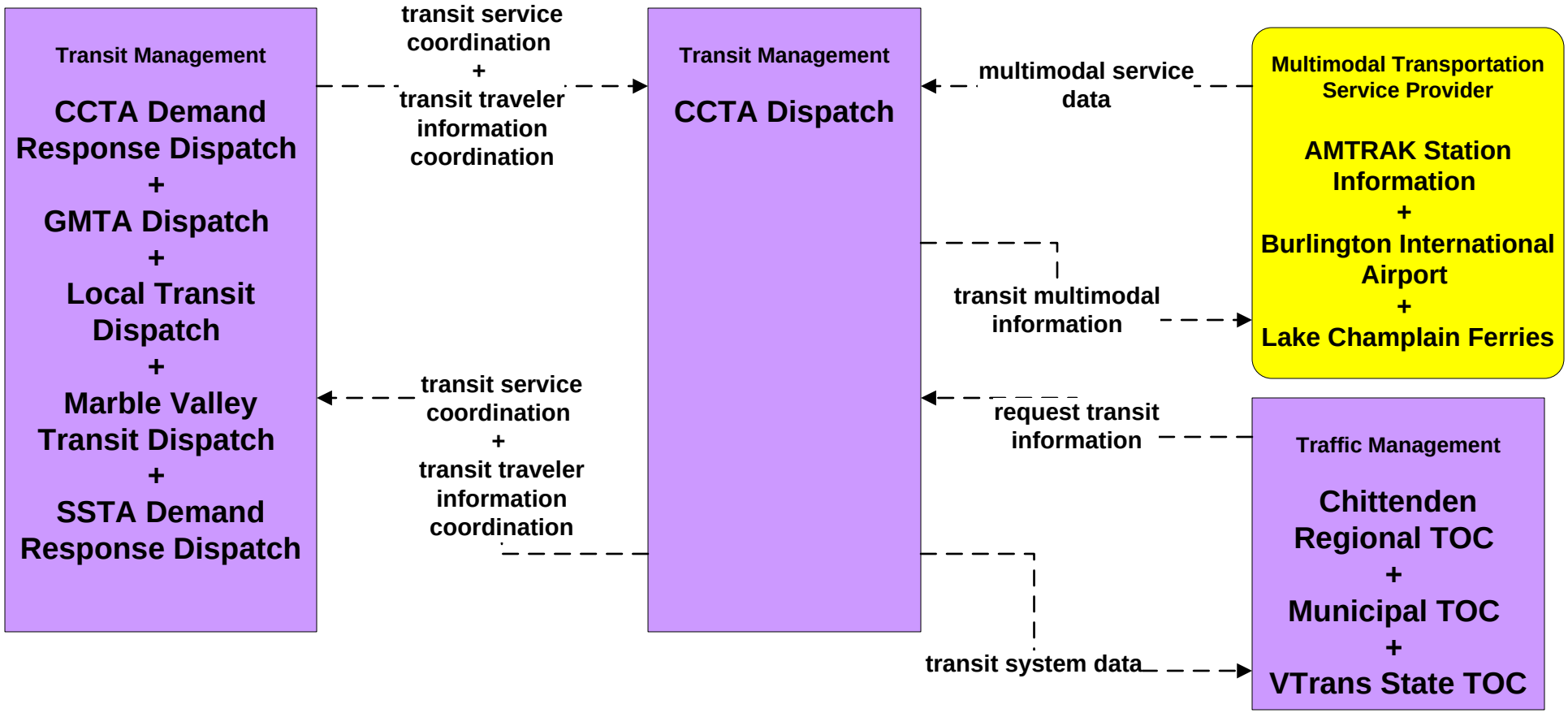


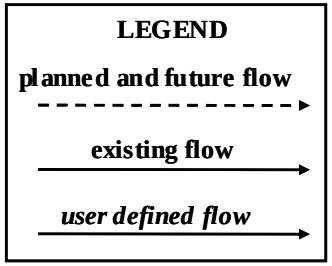
APTS06 - Transit Fleet Management



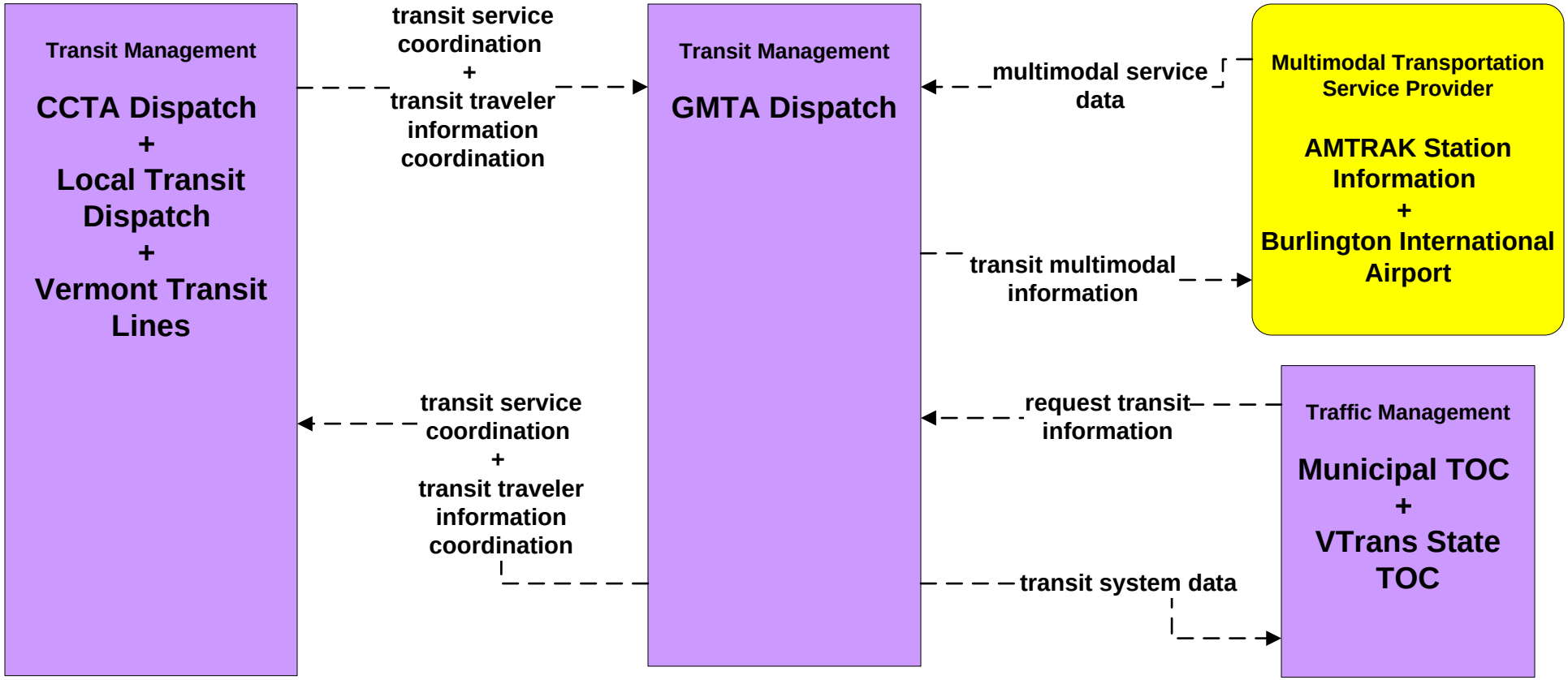


APTS07 - Multimodal Coordination
CCTA





APTS07 - Multimodal Coordination
GMTA



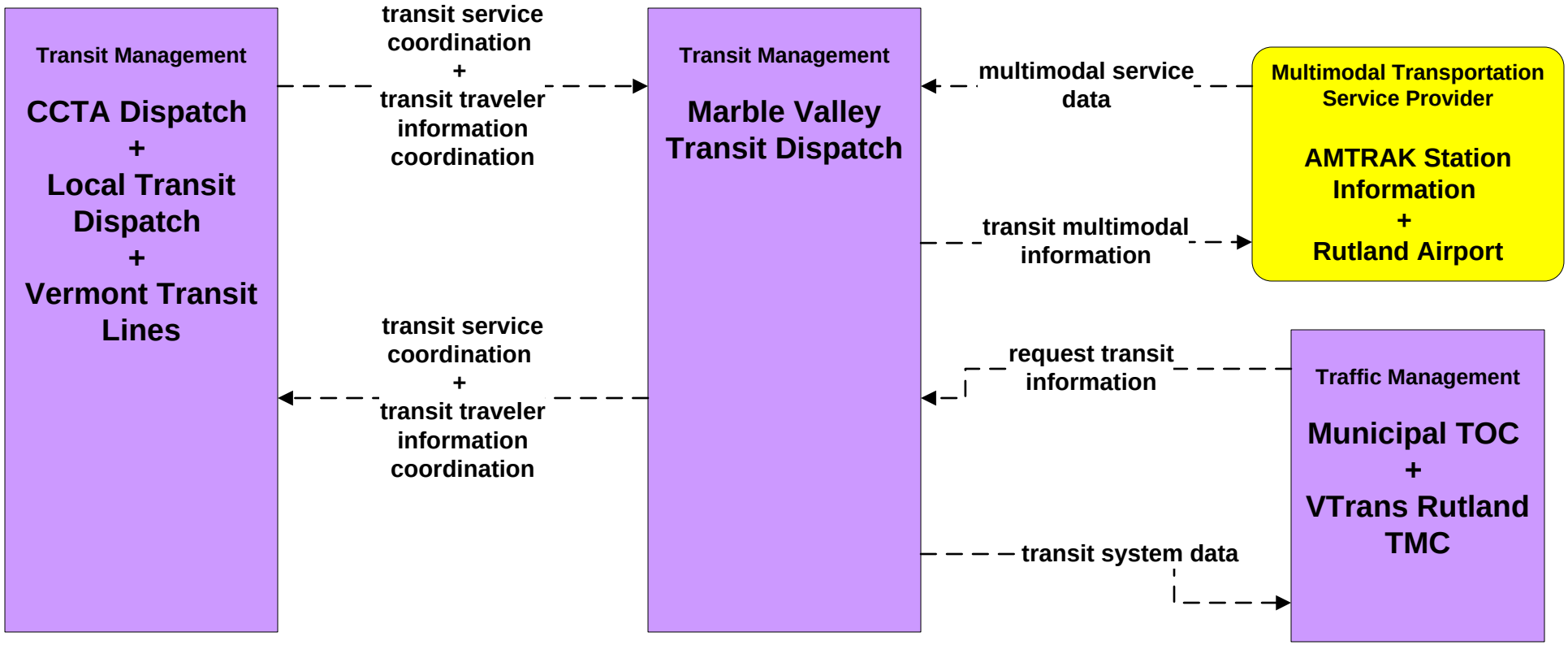
LEGEND

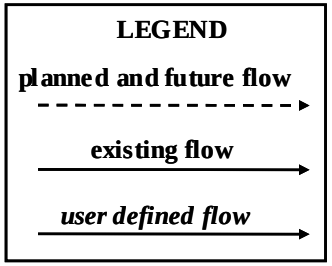
planned and future flow

existing flow

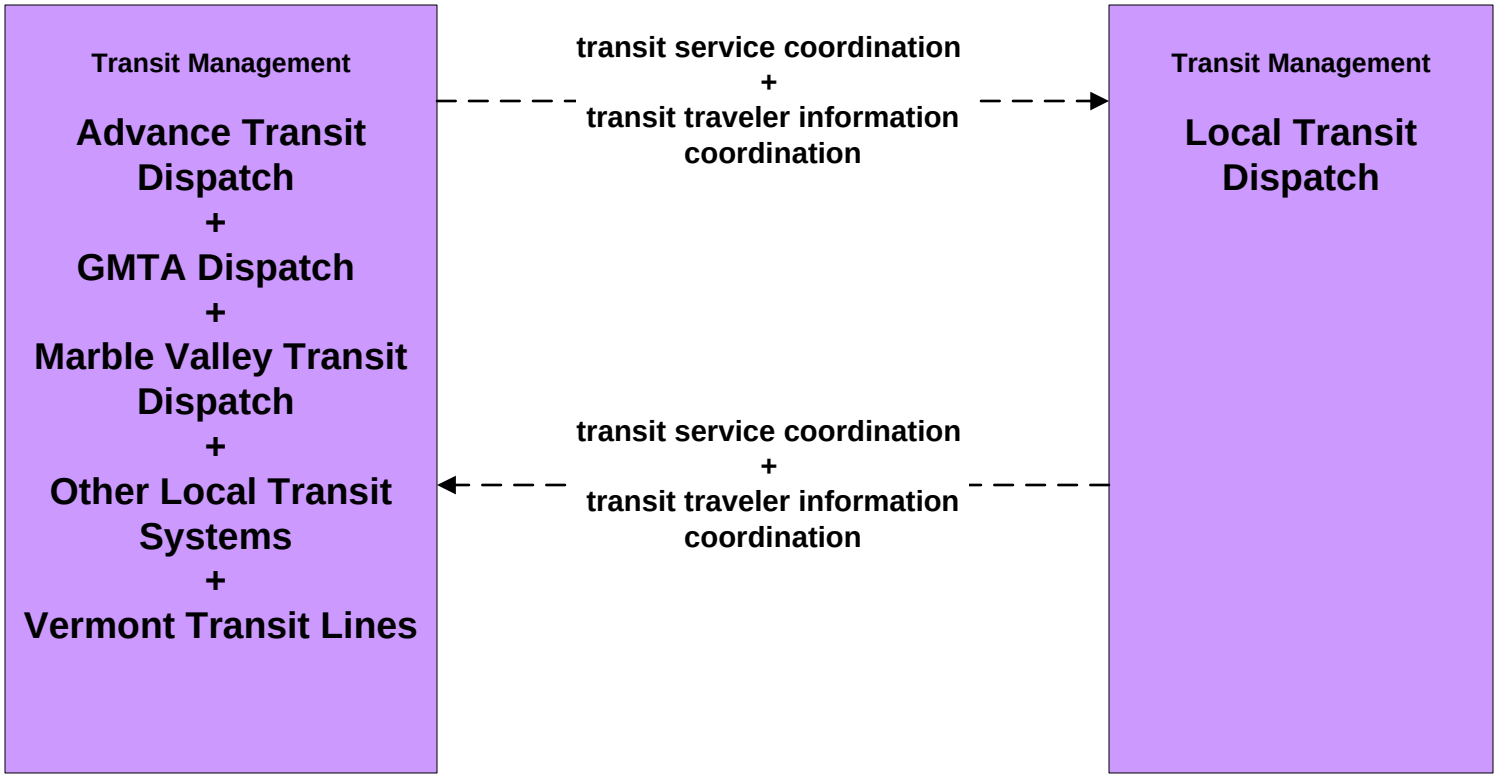
user defined flow

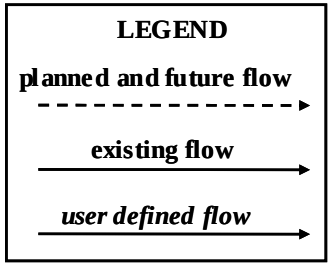
APTS07 - Multimodal Coordination
Marble Valley Transit



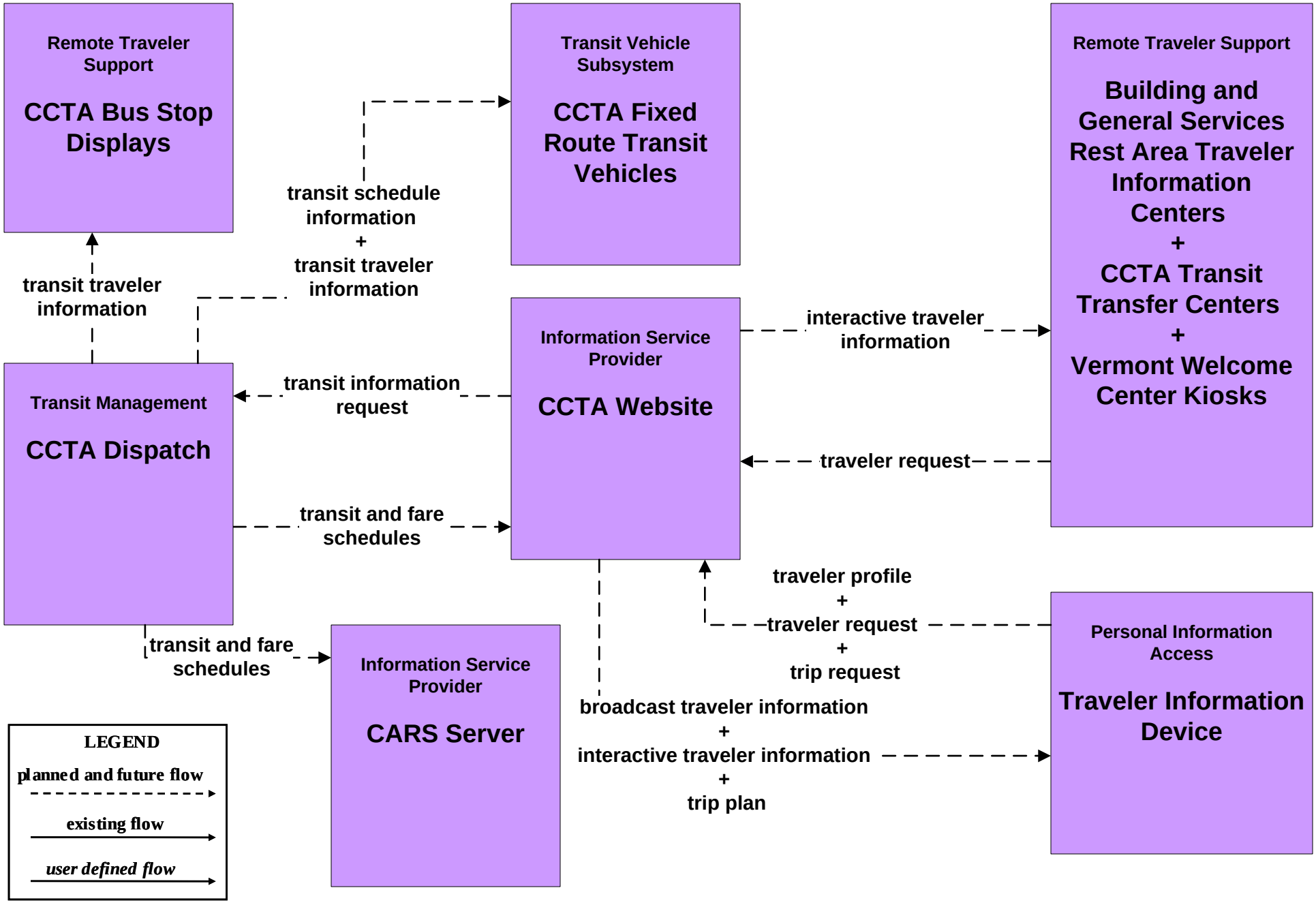


APTS07 - Multimodal Coordination
Local Transit

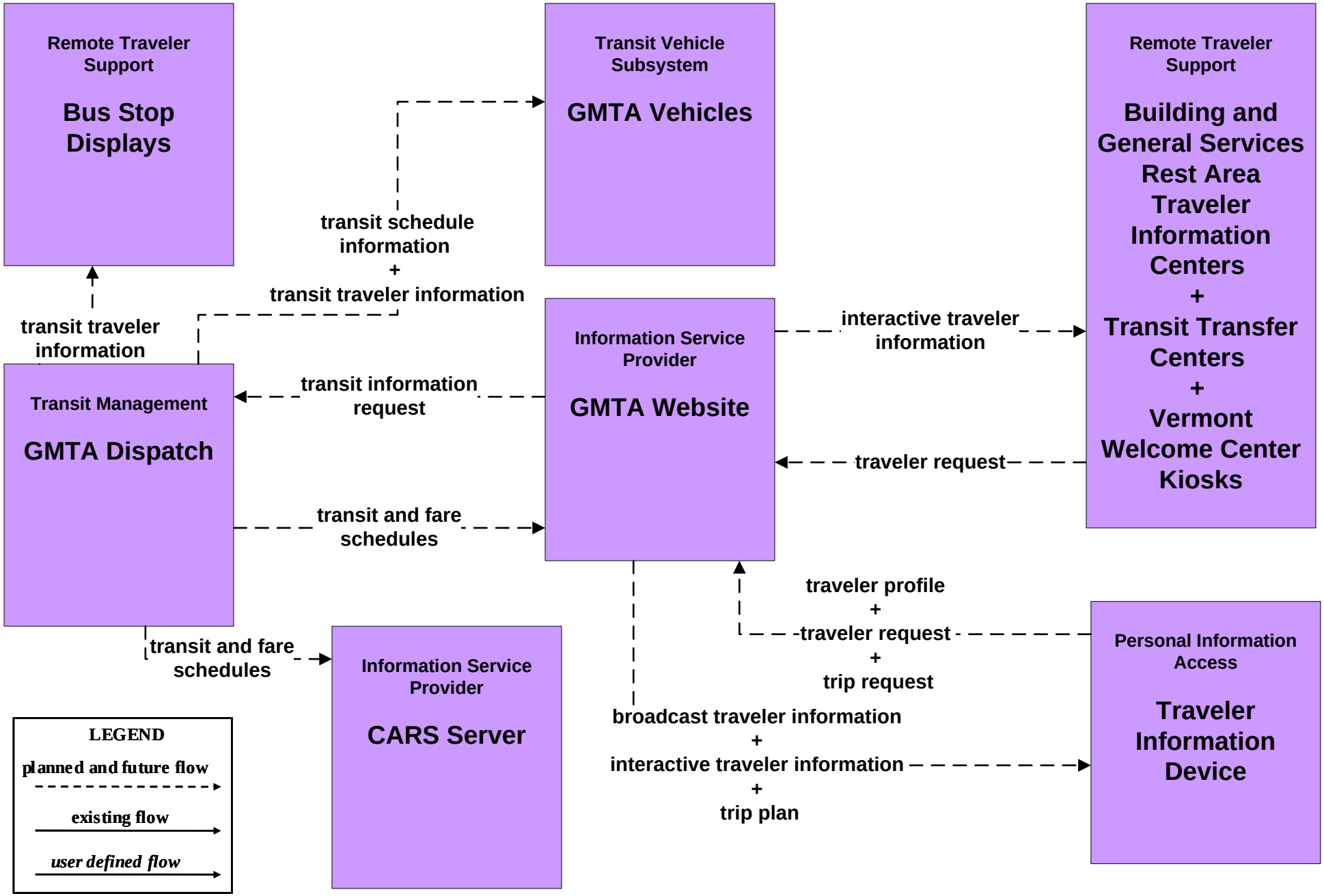




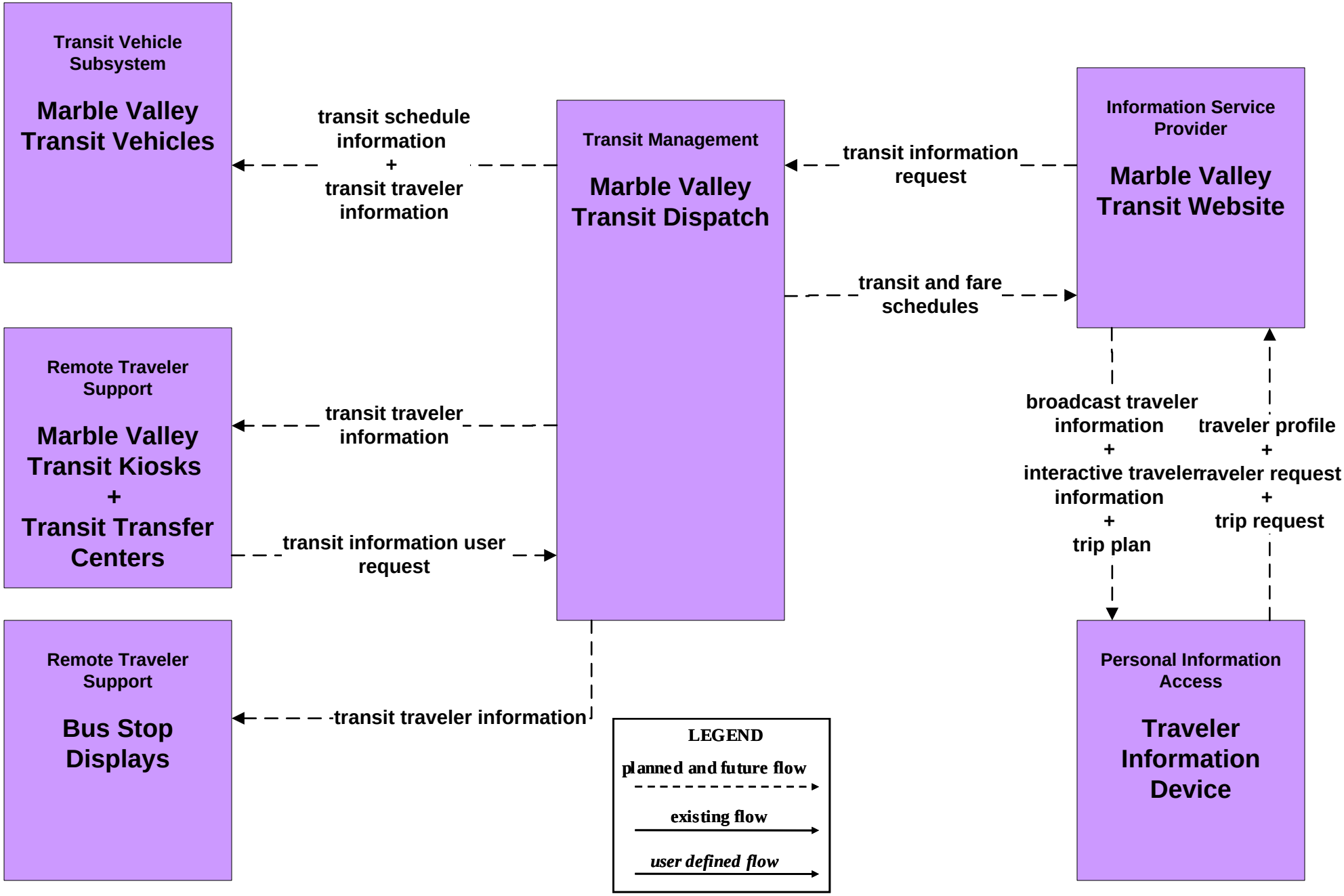
APTS08 - Transit Traveler Information
CCTA



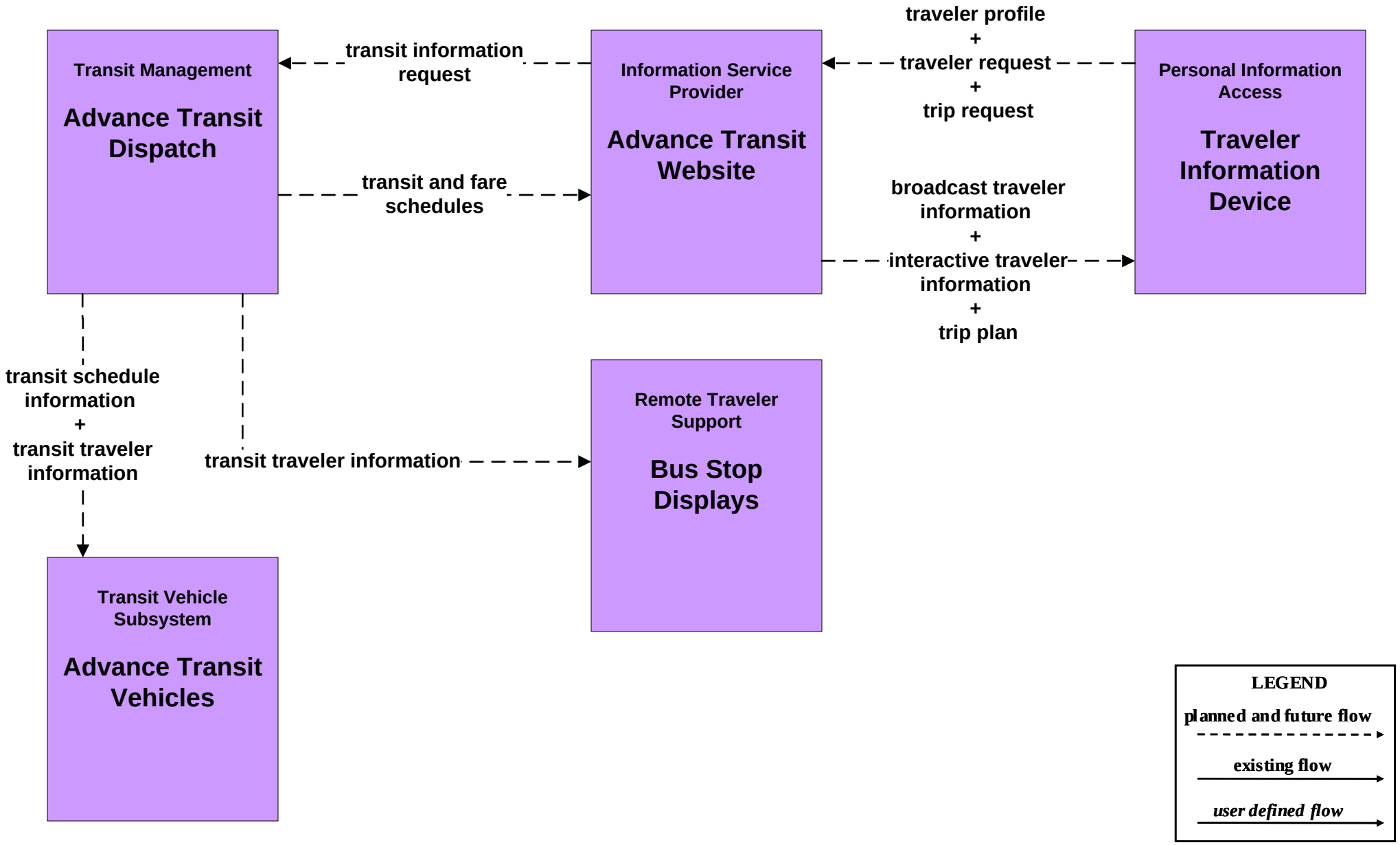
APTS08 - Transit Traveler Information
GMTA Transit



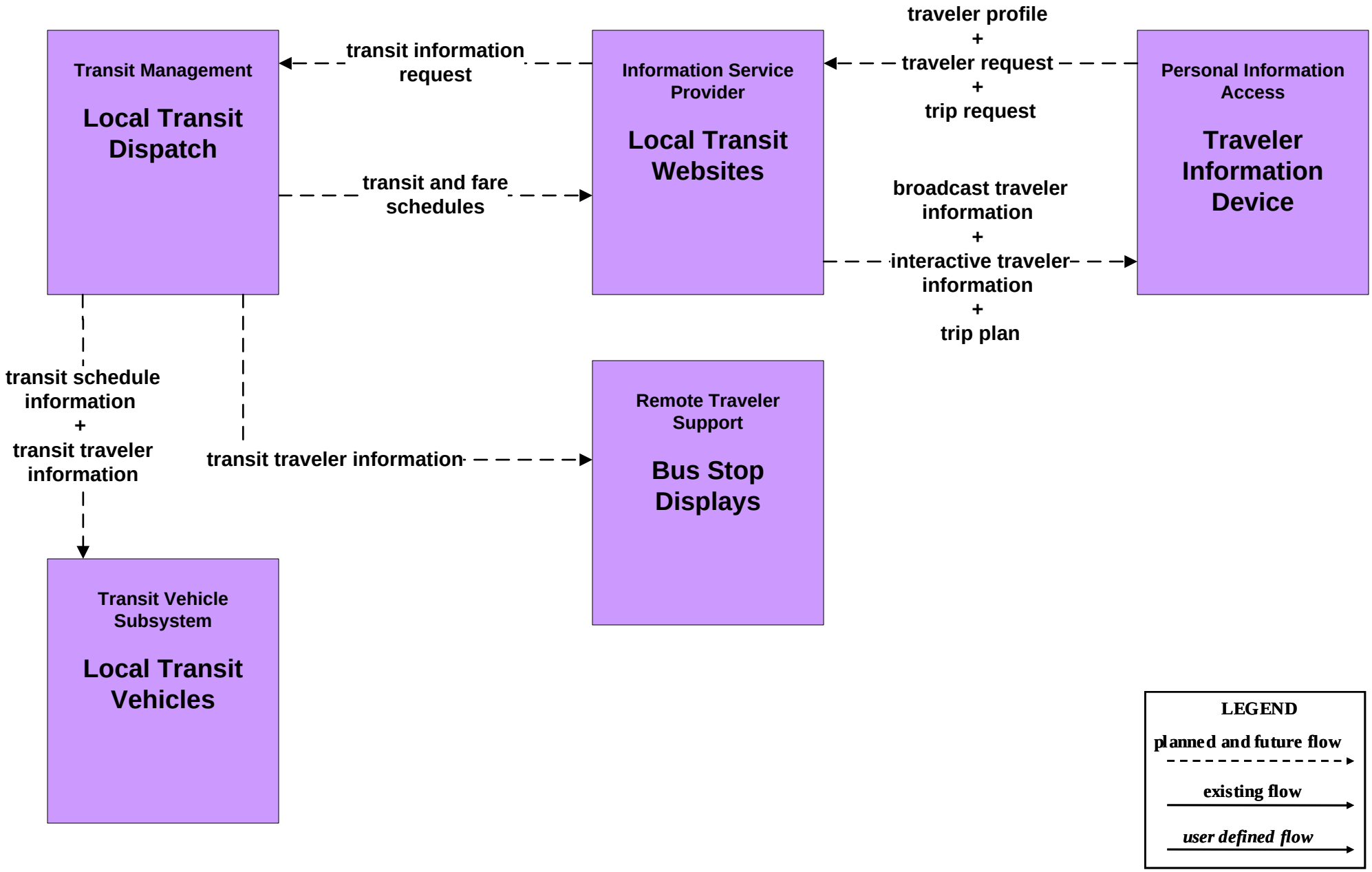
APTS08 - Transit Traveler Information
Marble Valley Transit



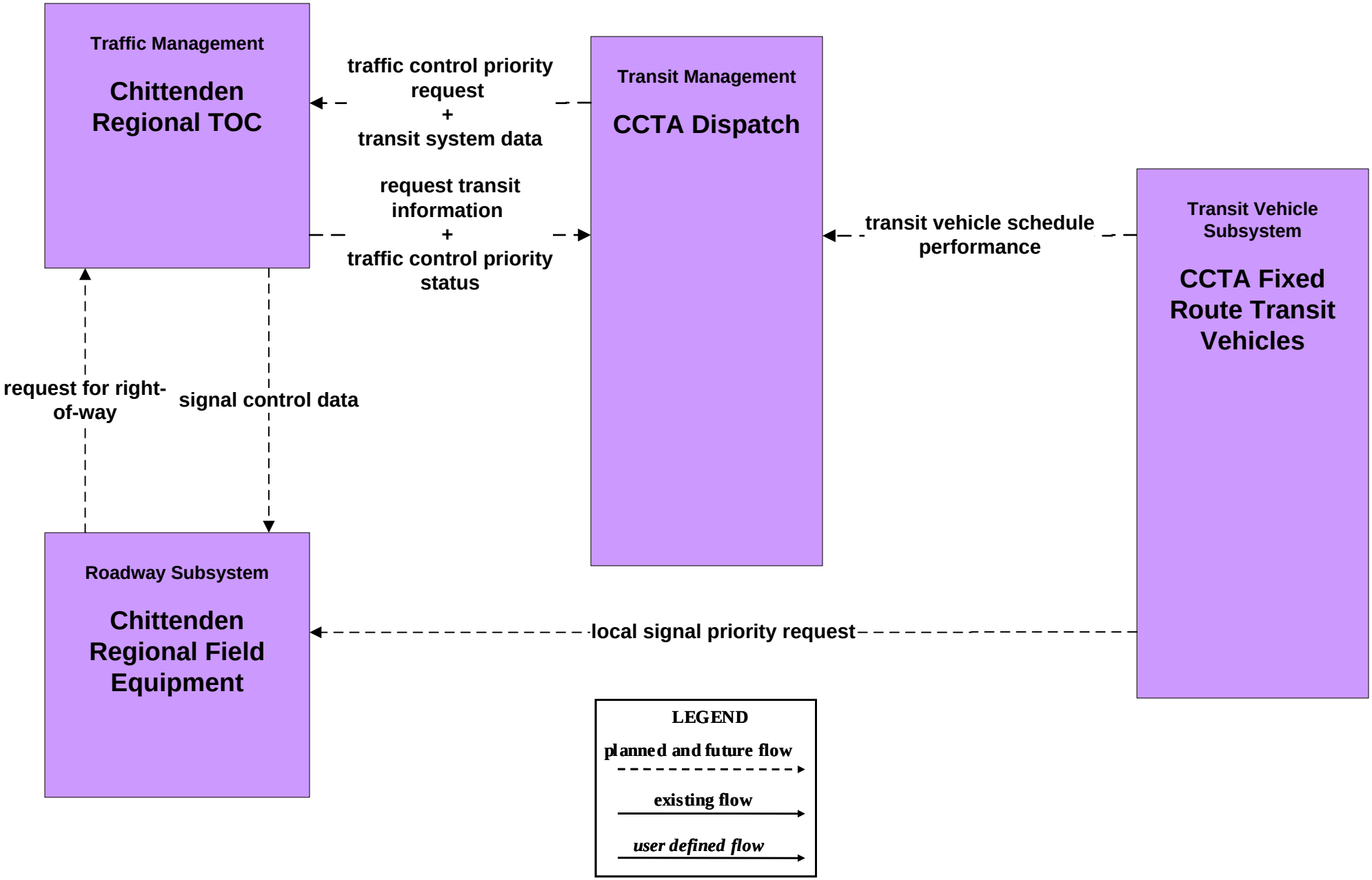
APTS08 - Transit Traveler Information
Advance Transit



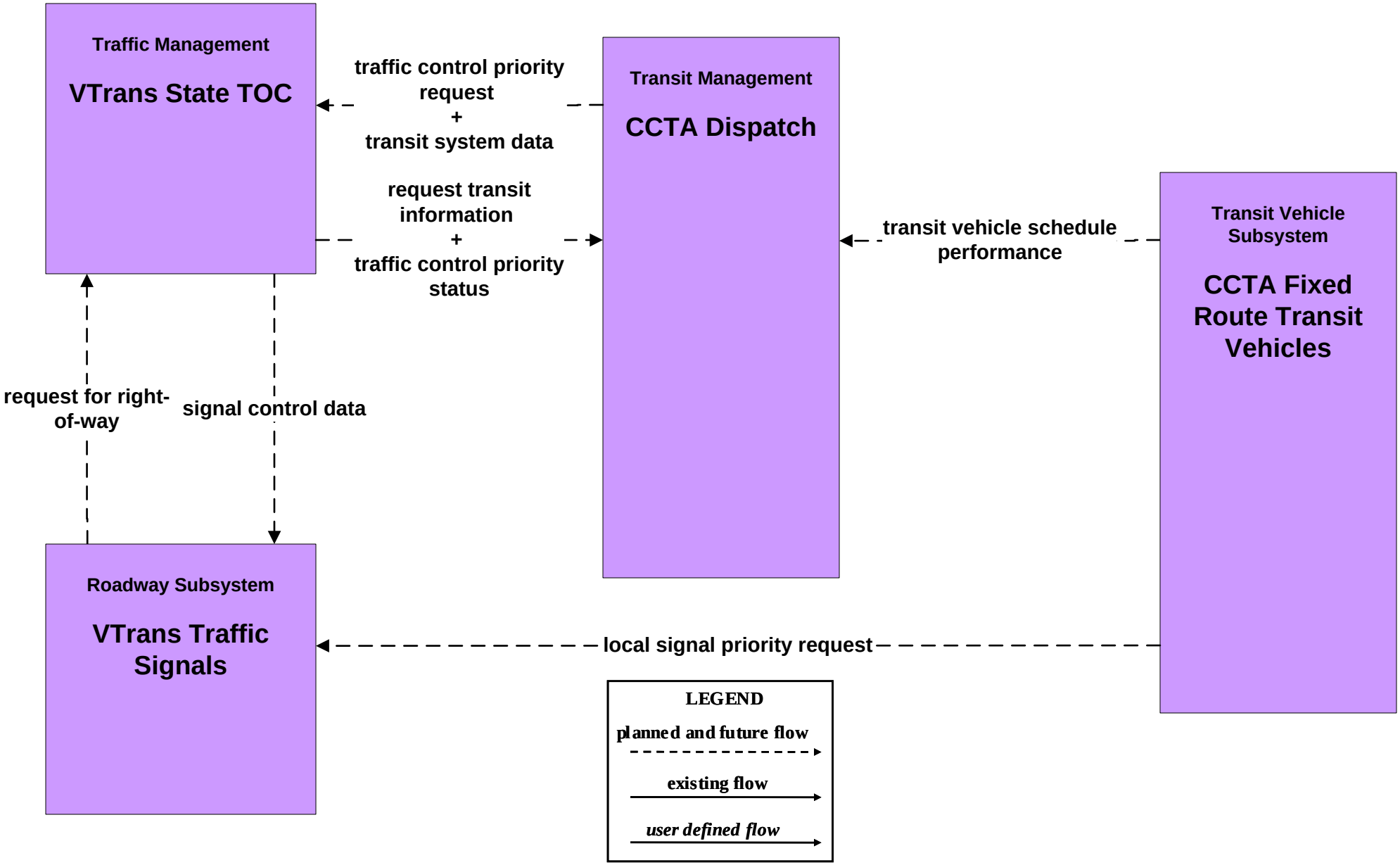
APTS08 - Transit Traveler Information
Local Transit



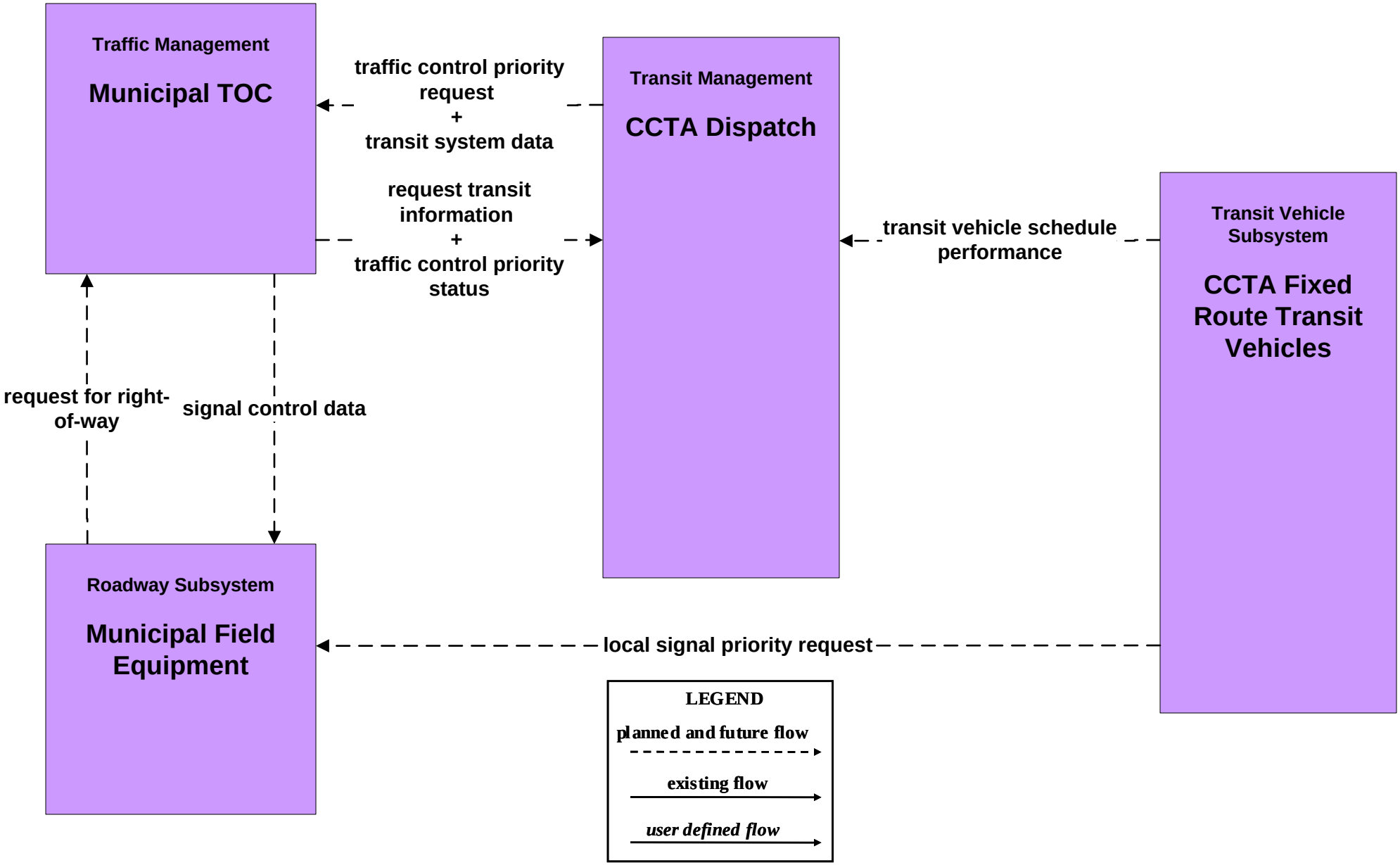
APTS09 – Transit Signal Priority
CCTA/ Chittenden Regional TOC



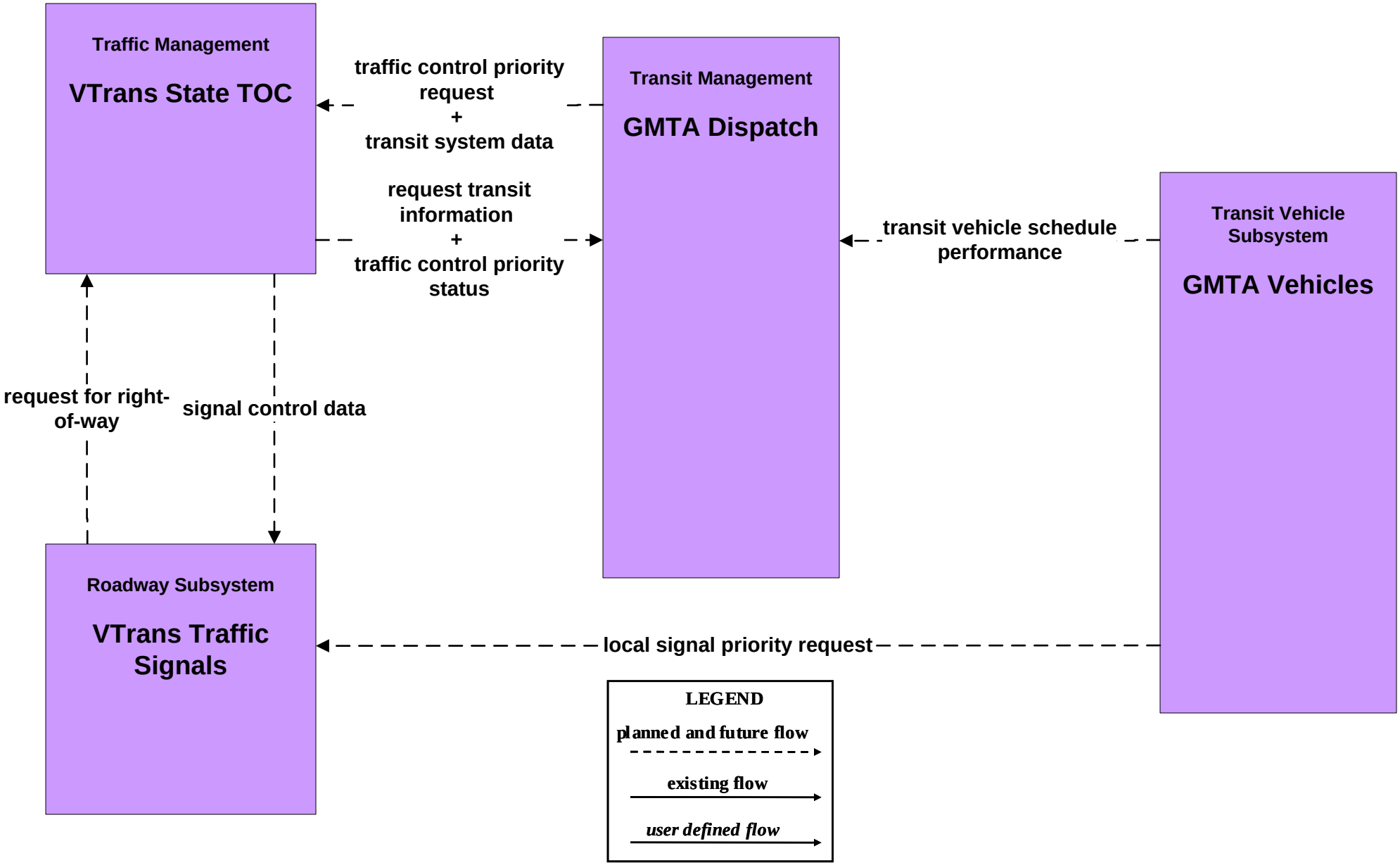
APTS09 – Transit Signal Priority
CCTA/ VTrans



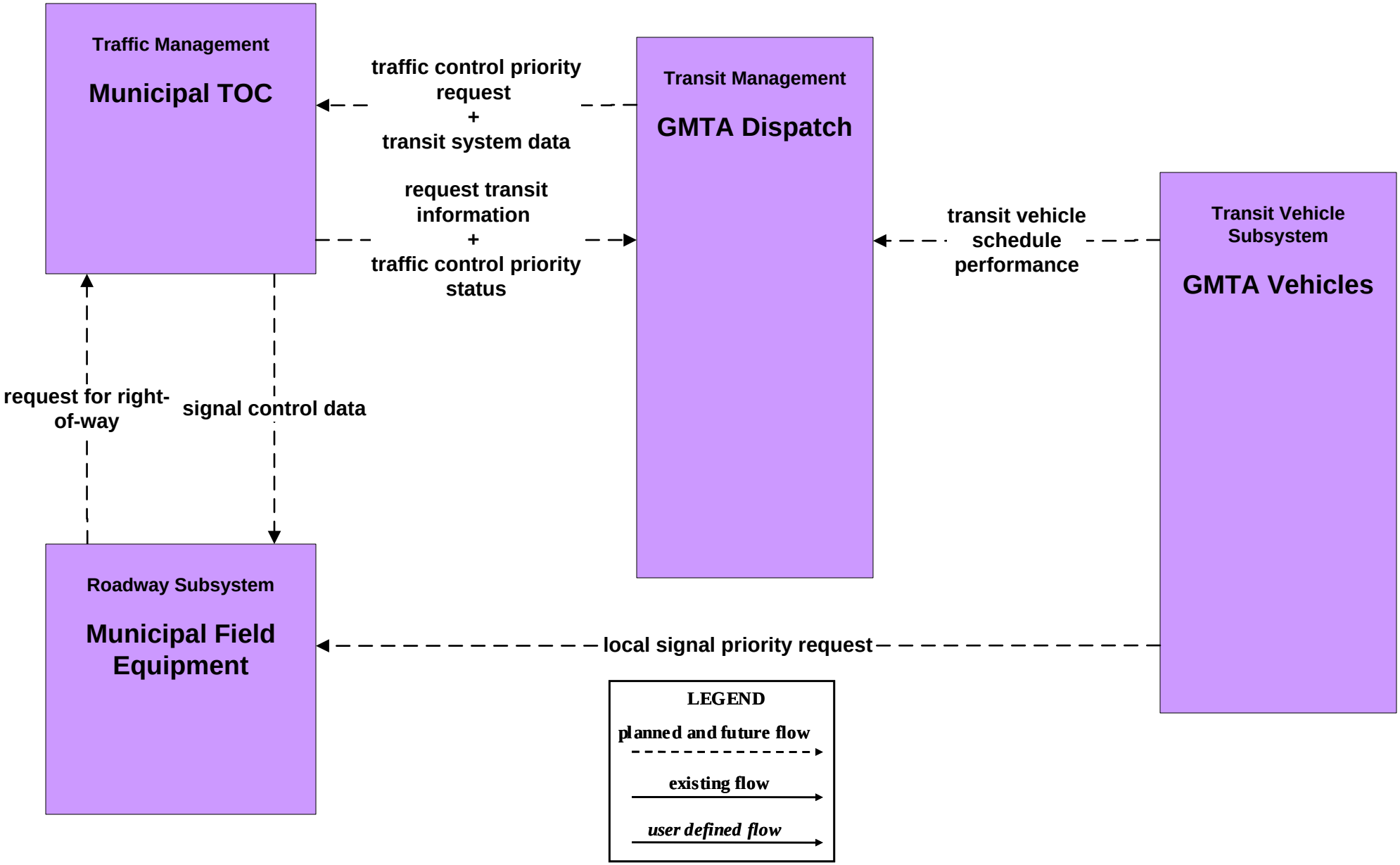
APTS09 – Transit Signal Priority
CCTA/ Municipalities



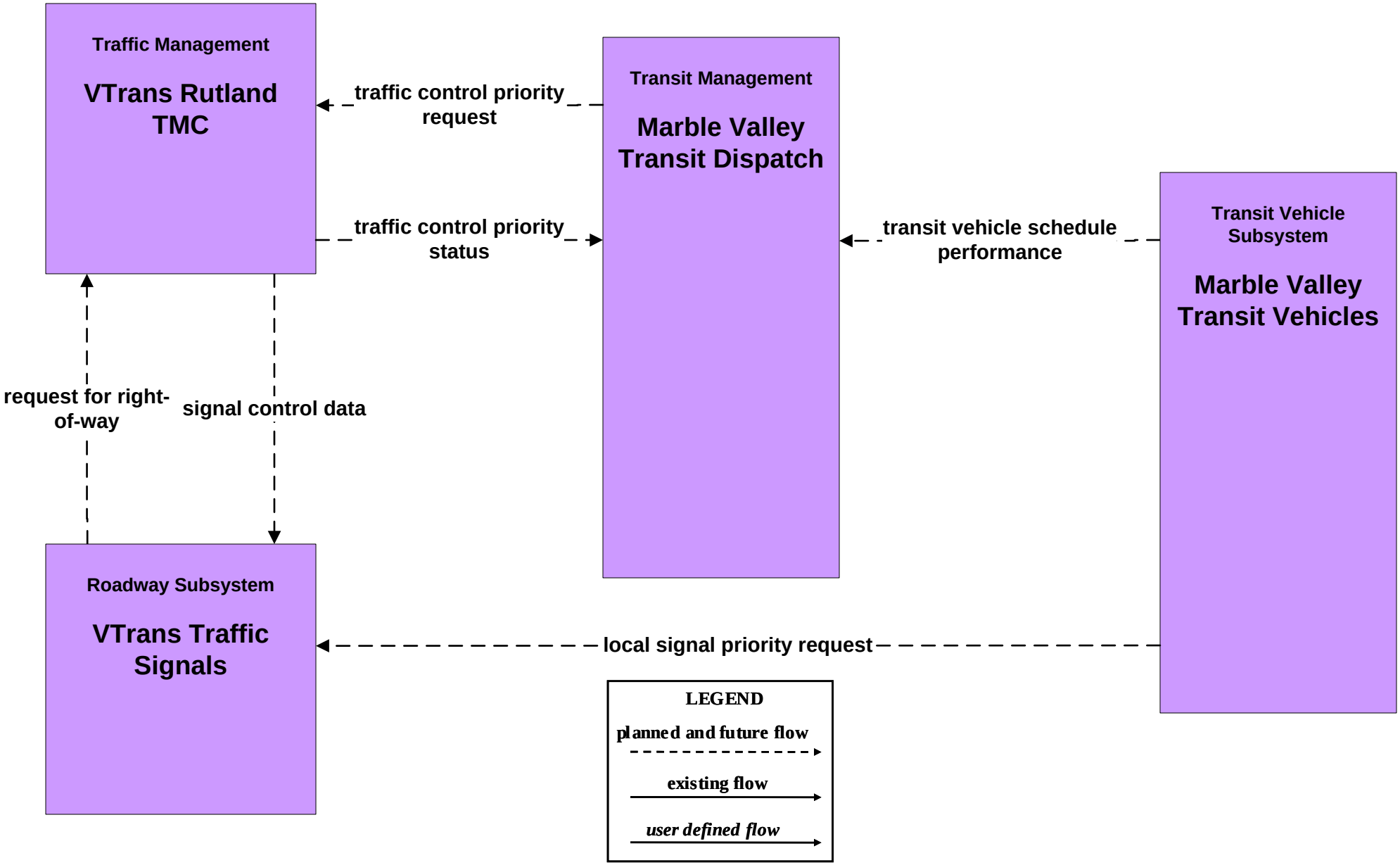
APTS09 – Transit Signal Priority
GMTA/ VTrans



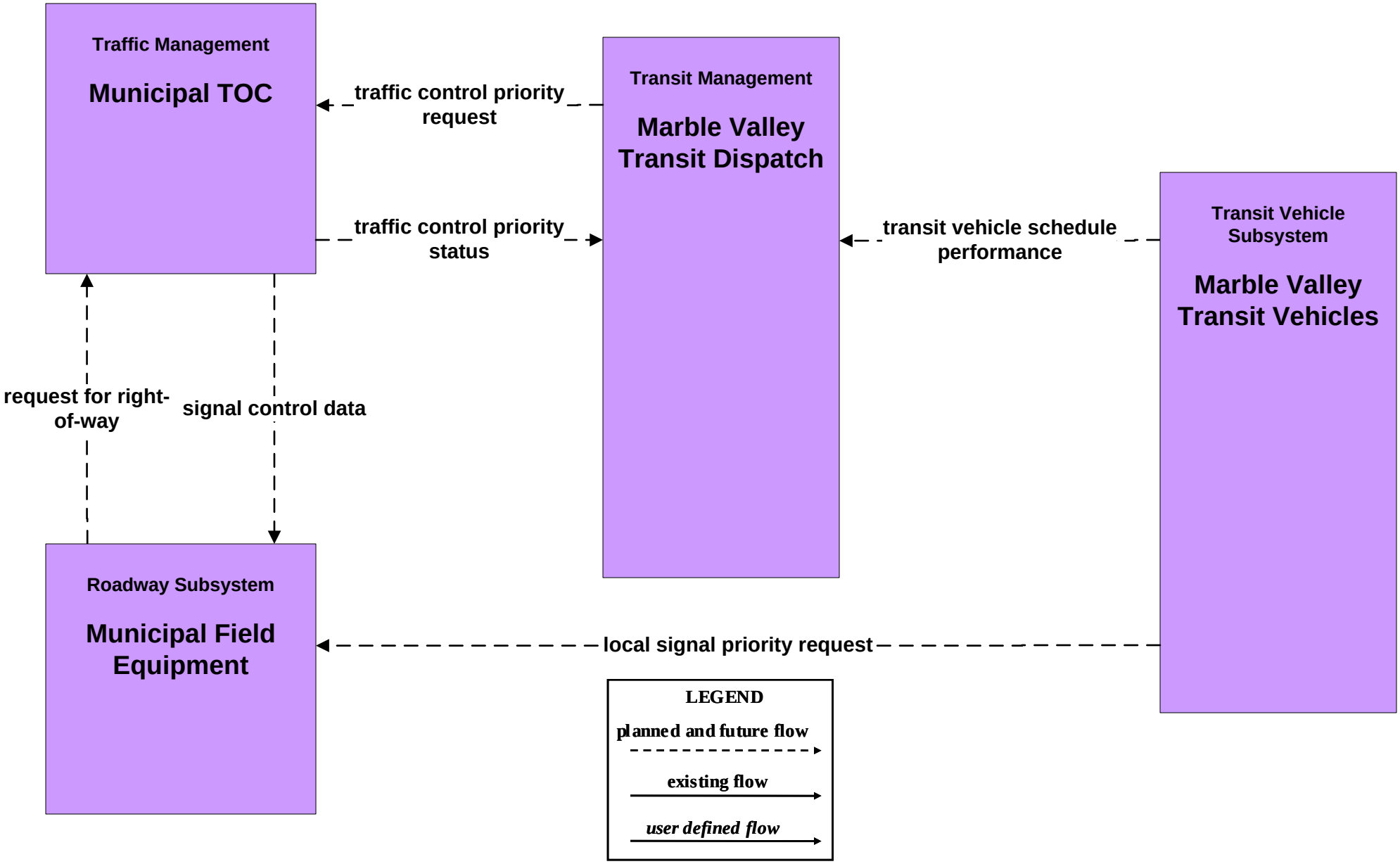
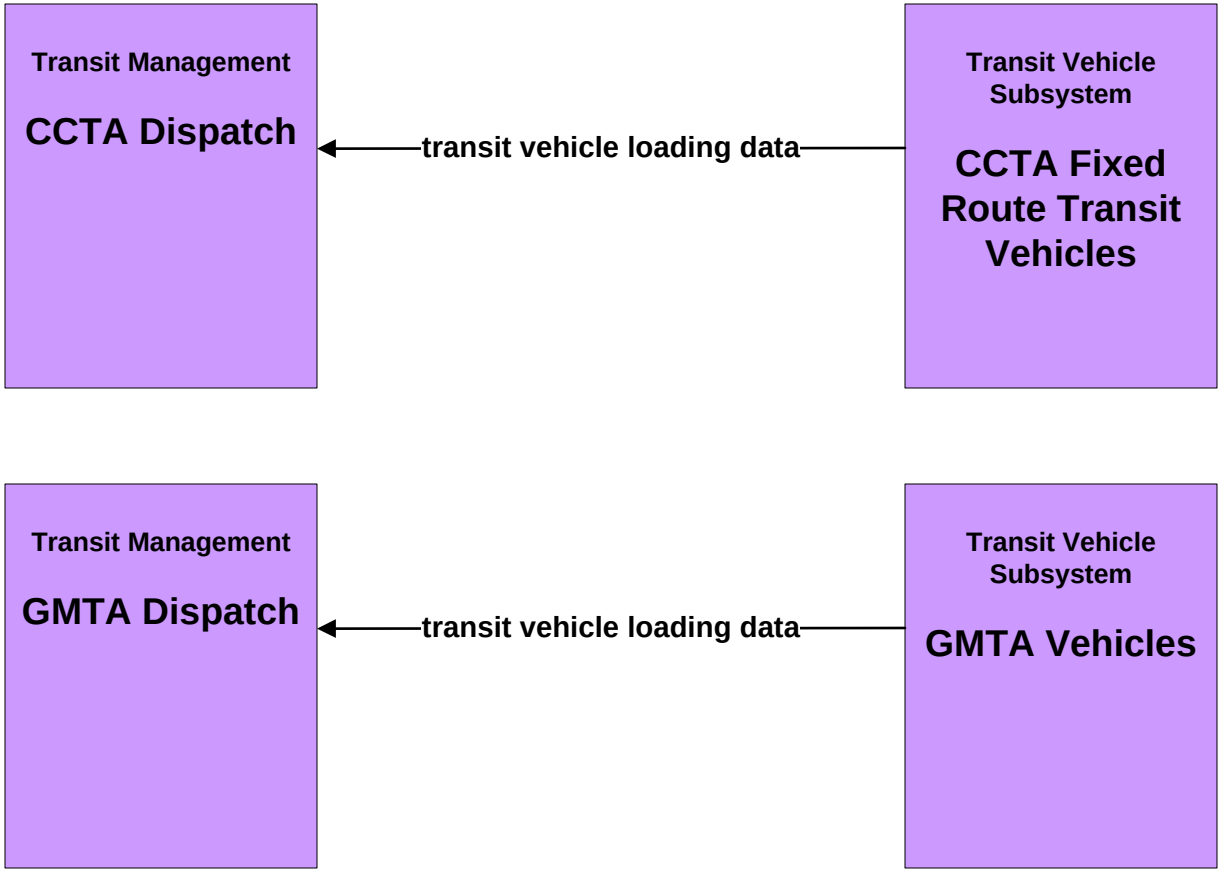
APTS09 – Transit Signal Priority
GMTA/ Municipal



APTS09 – Transit Signal Priority
Marble Valley Transit/ VTrans



APTS09 – Transit Signal Priority
Marble Valley Transit/ Municipal



APTS10 – Transit Passenger Counting
CCTA/ GMTA