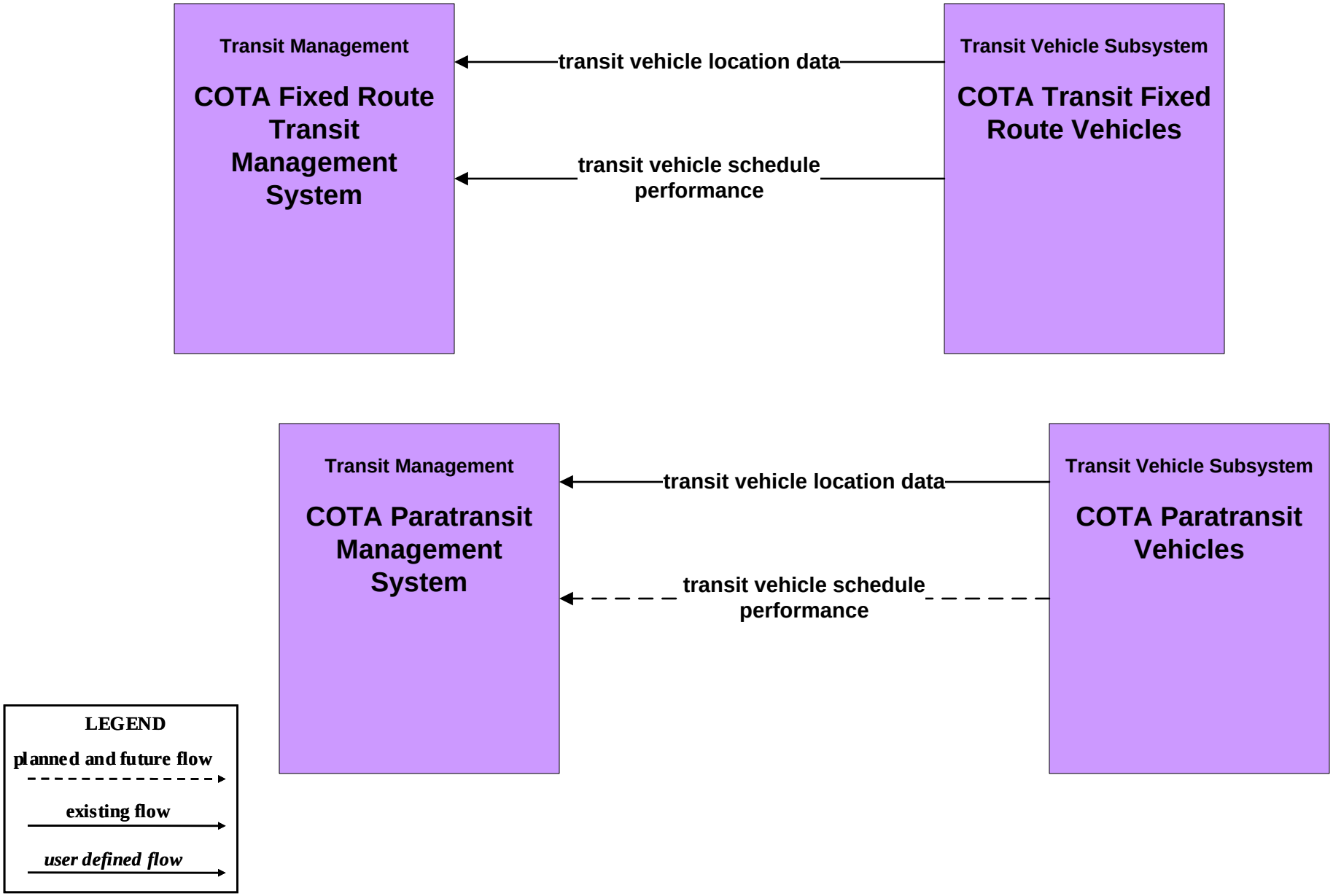
MORPC Regional ITS Architecture

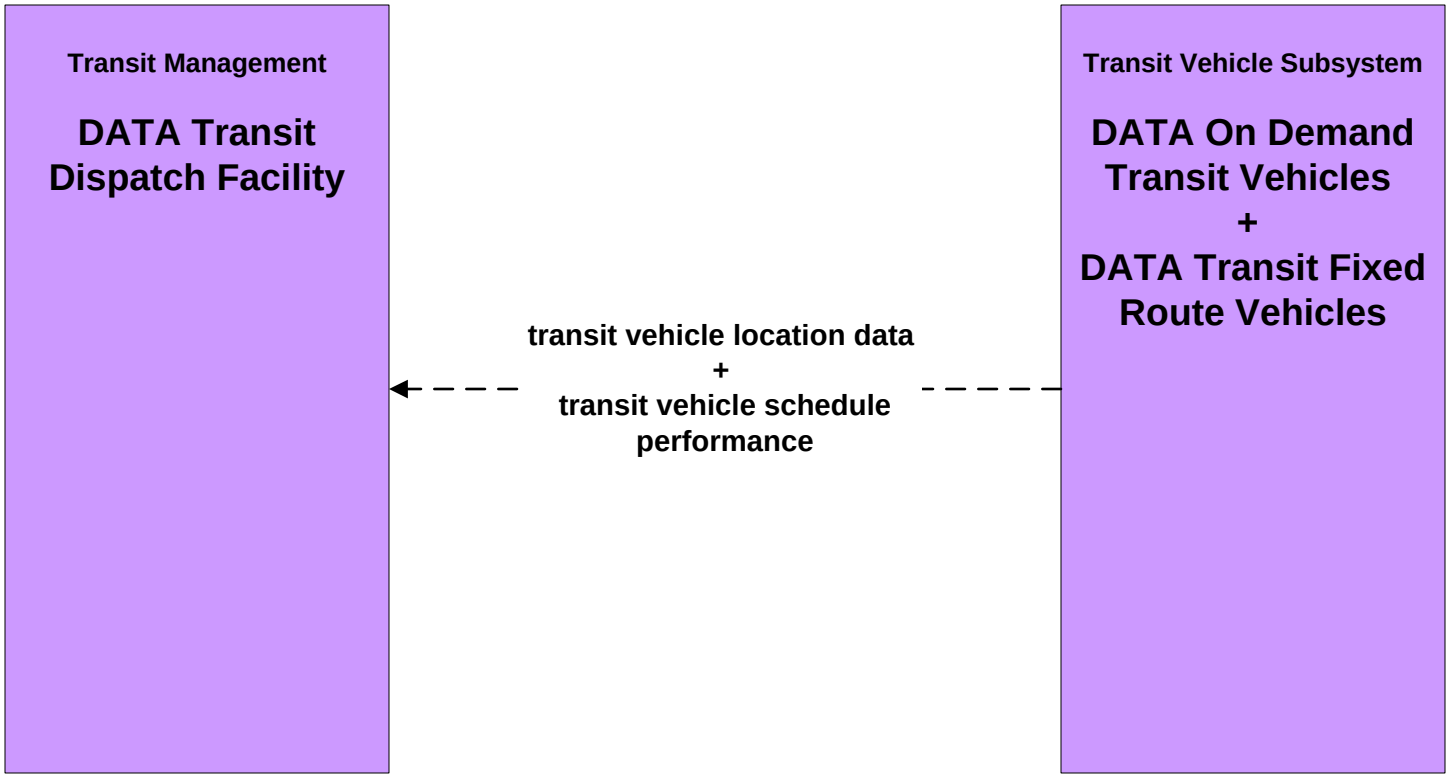
Customized Market Package Diagrams

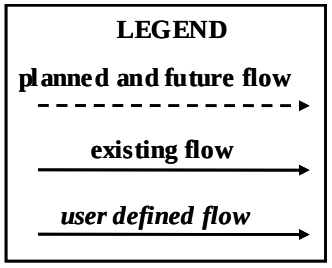
Advanced Public Transportation Systems (APTS)

APTS01 - Transit Vehicle Tracking
COTA

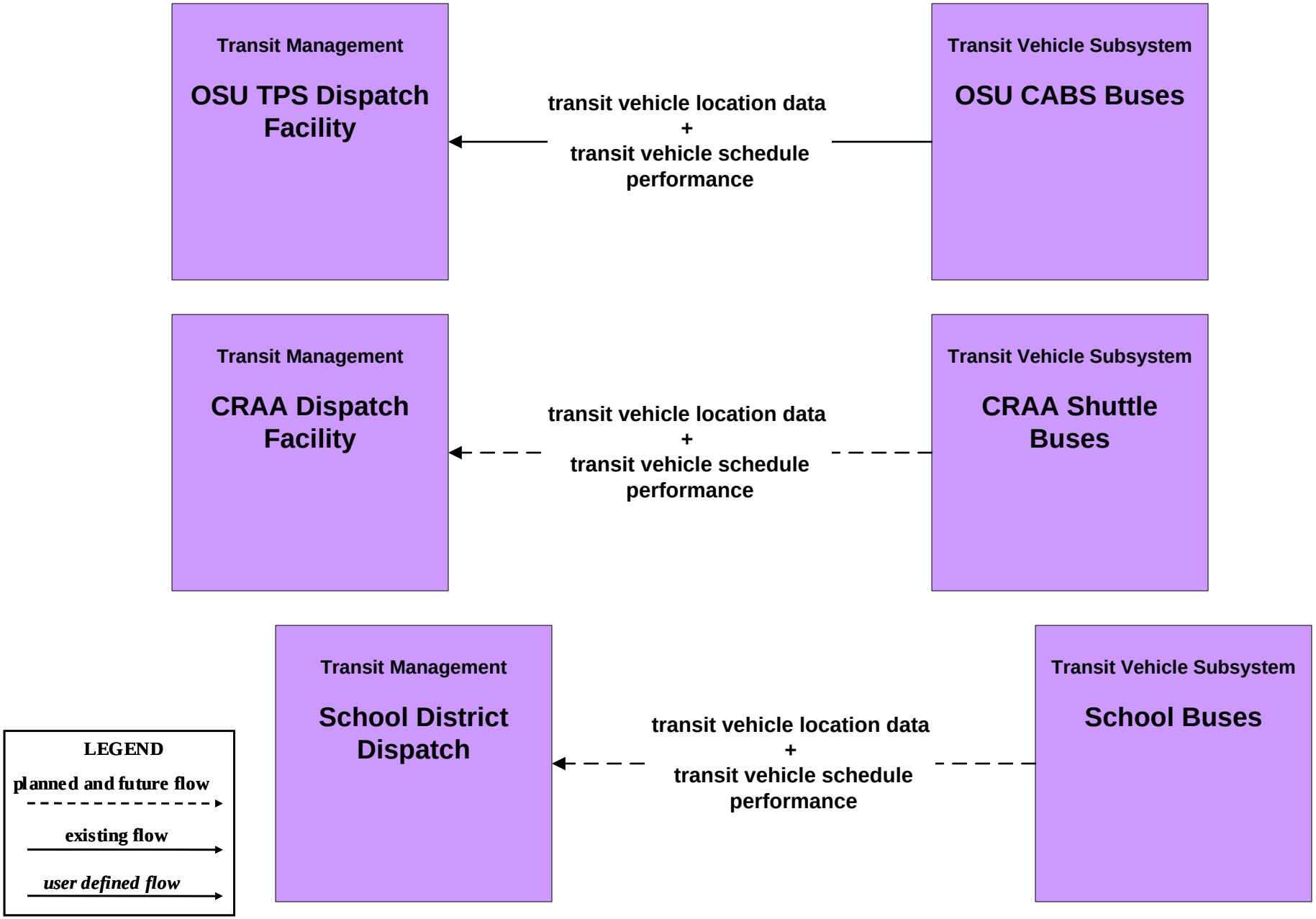


APTS01 - Transit Vehicle Tracking
DATA

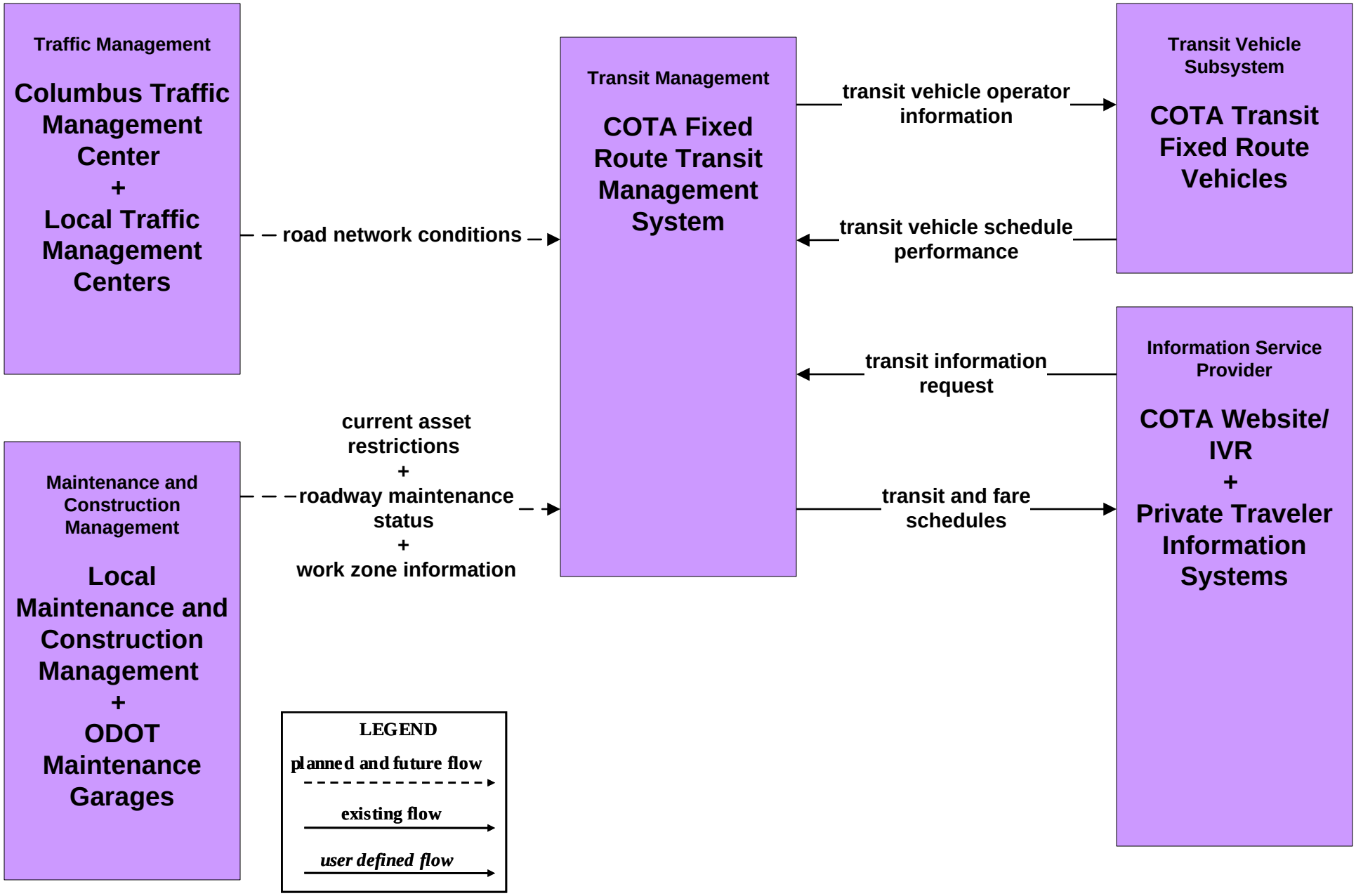




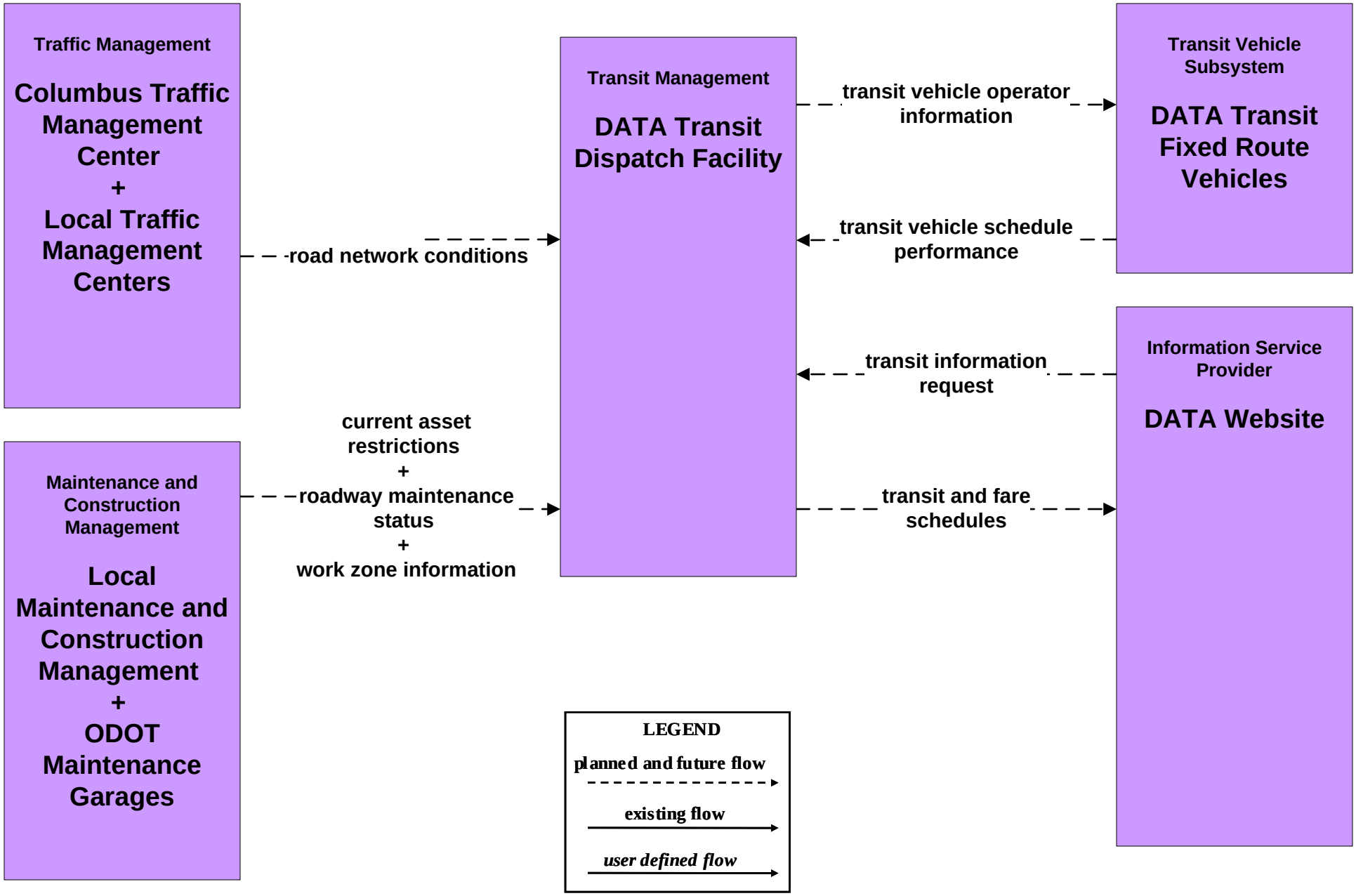
APTS01 - Transit Vehicle Tracking
Other Transit Systems



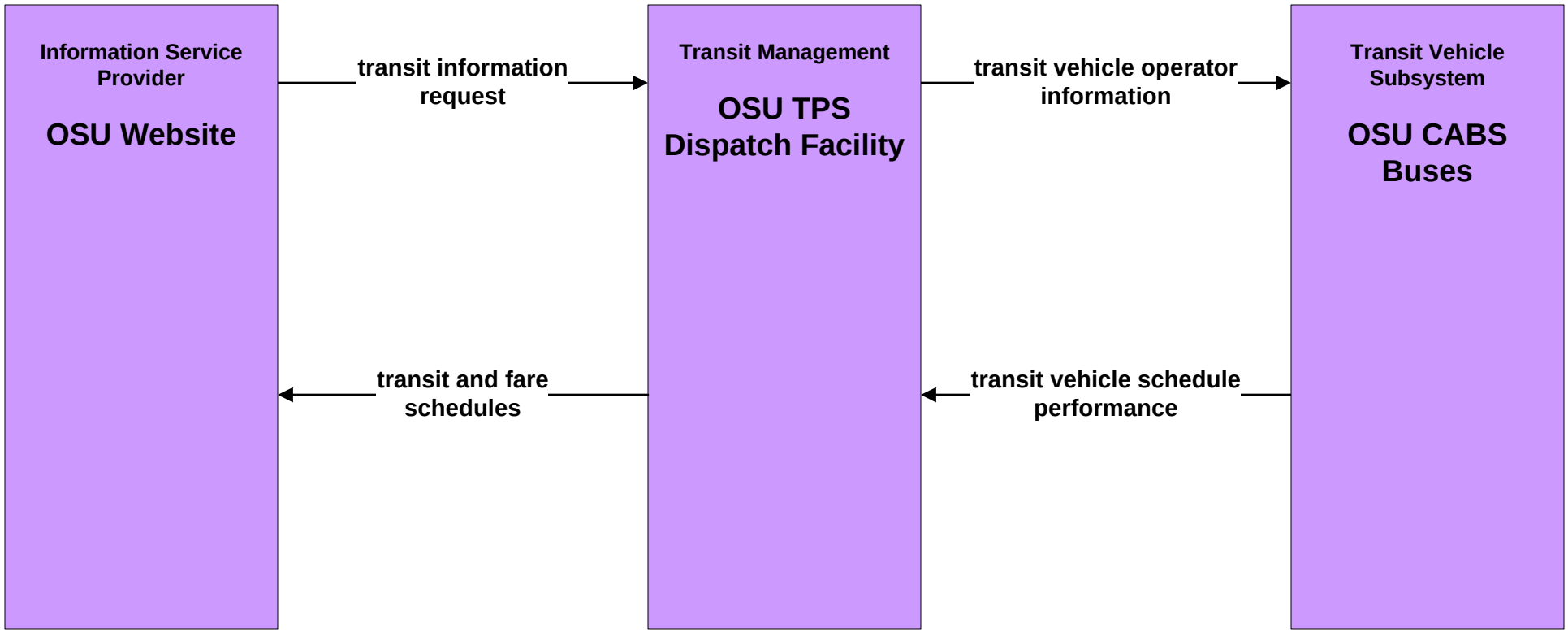
APTS02 - Transit Fixed-Route Operations
COTA

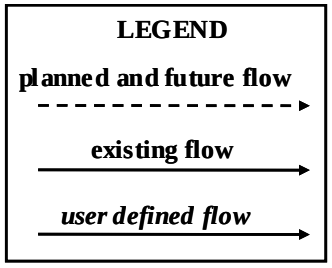


APTS02 - Transit Fixed-Route Operations
DATA

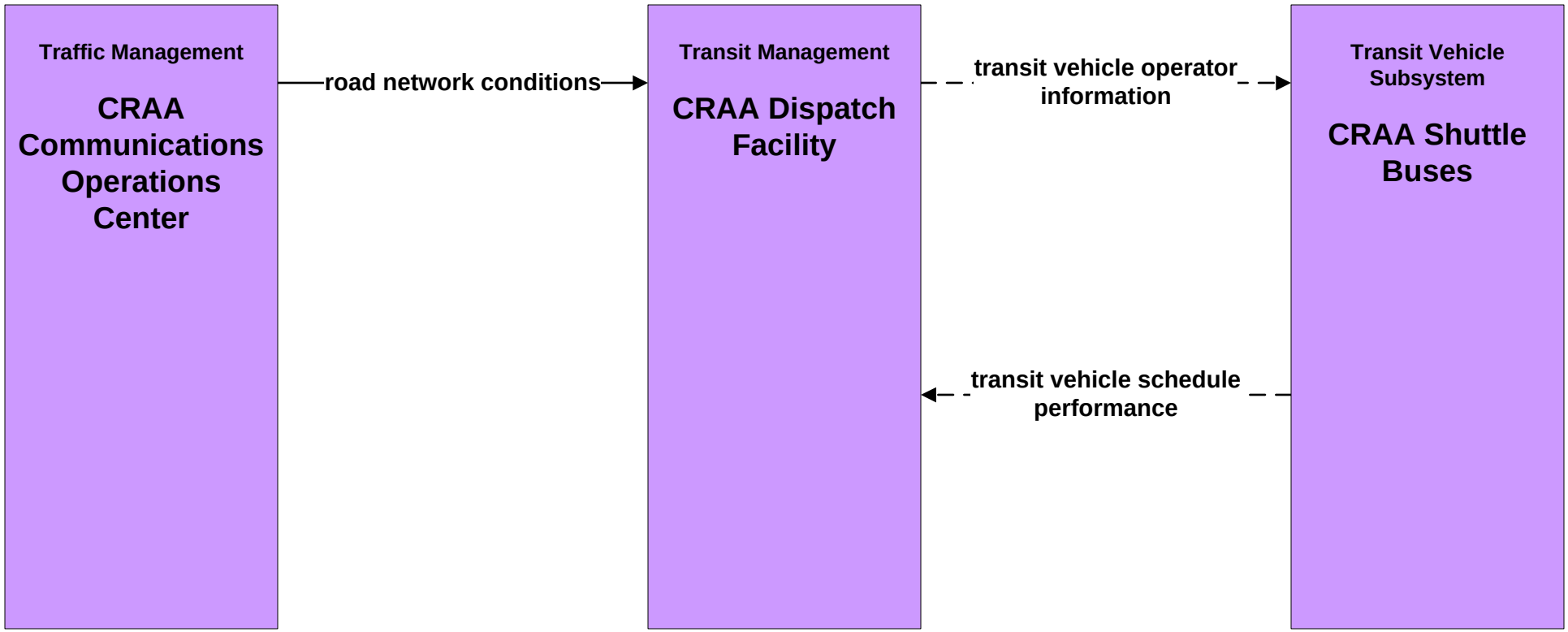


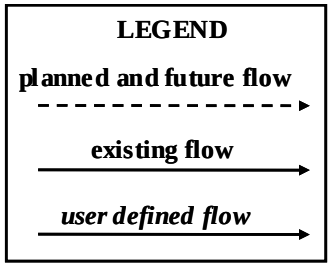
APTS02 - Transit Fixed-Route Operations
Ohio State University



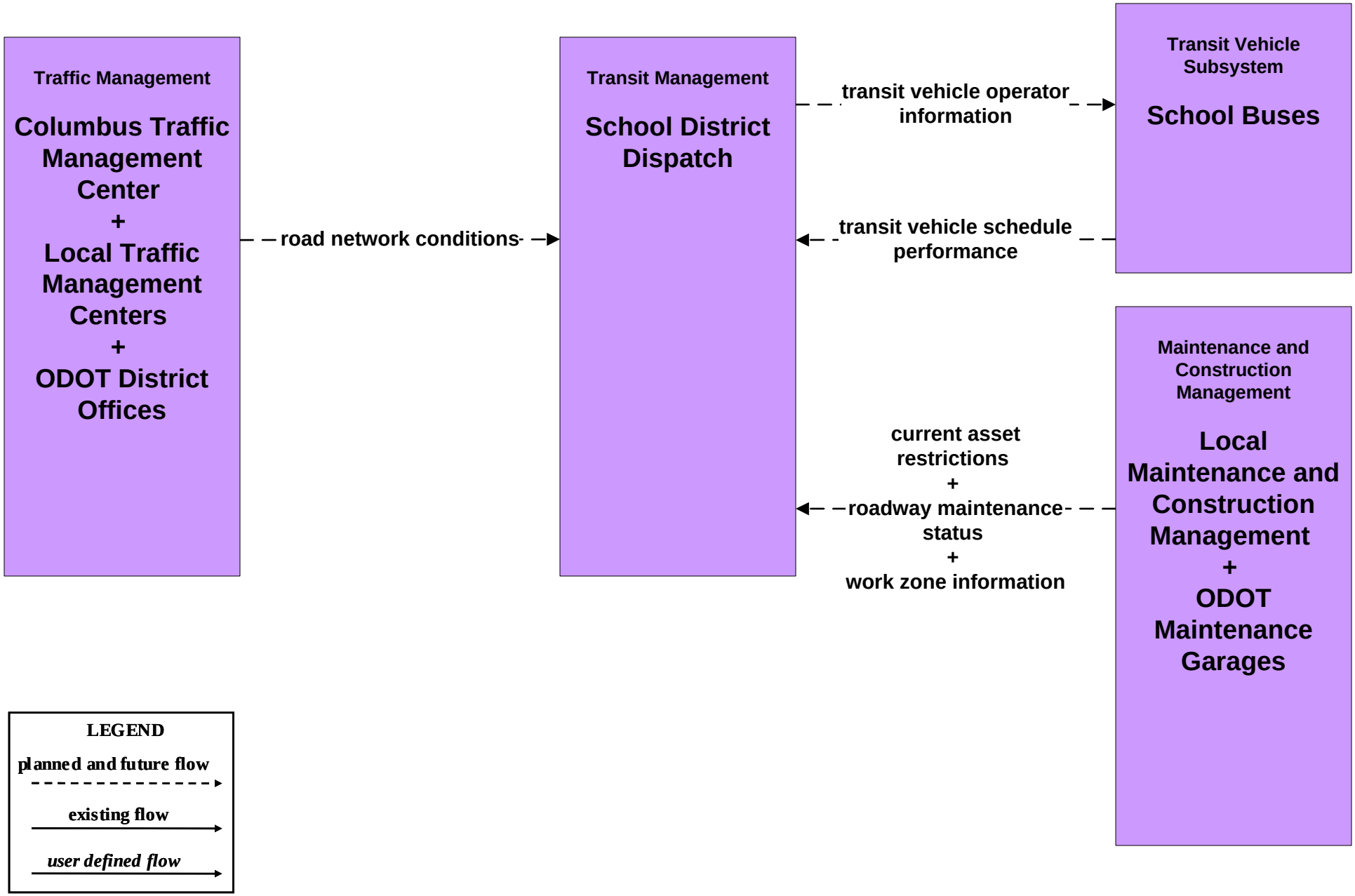


APTS02 - Transit Fixed-Route Operations
Columbus Regional Airport Authority

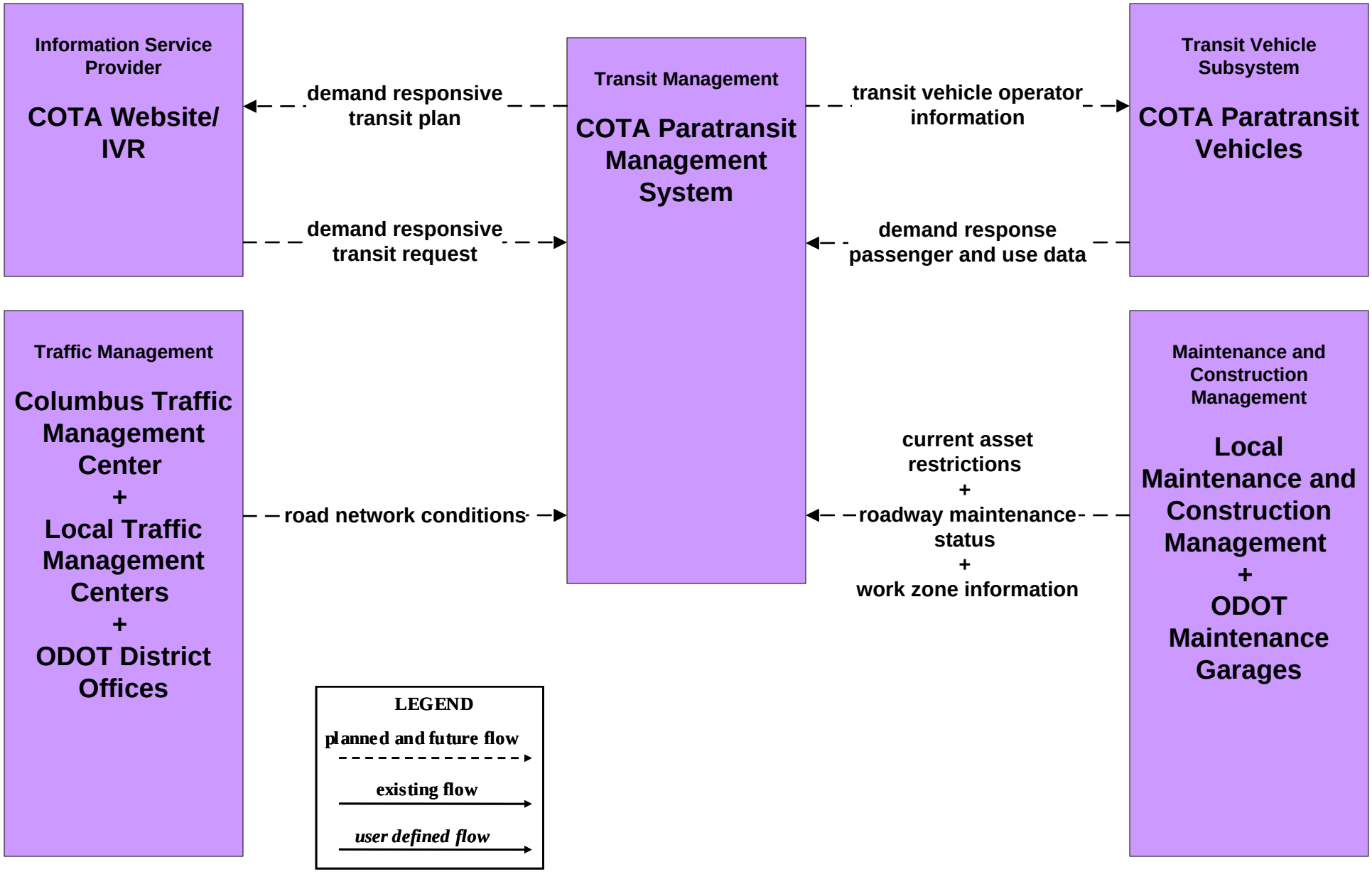




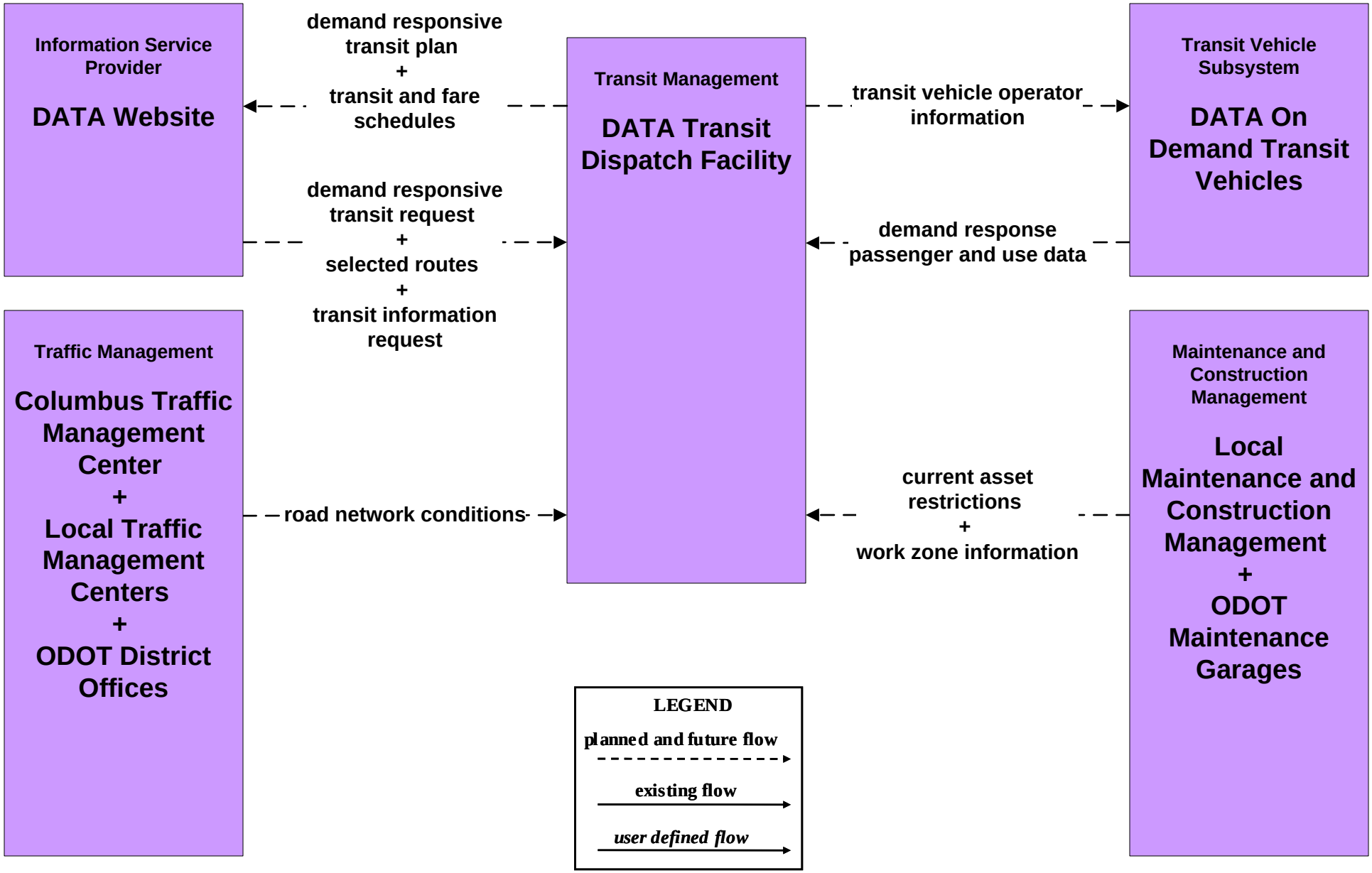
APTS02 - Transit Fixed-Route Operations
School Districts



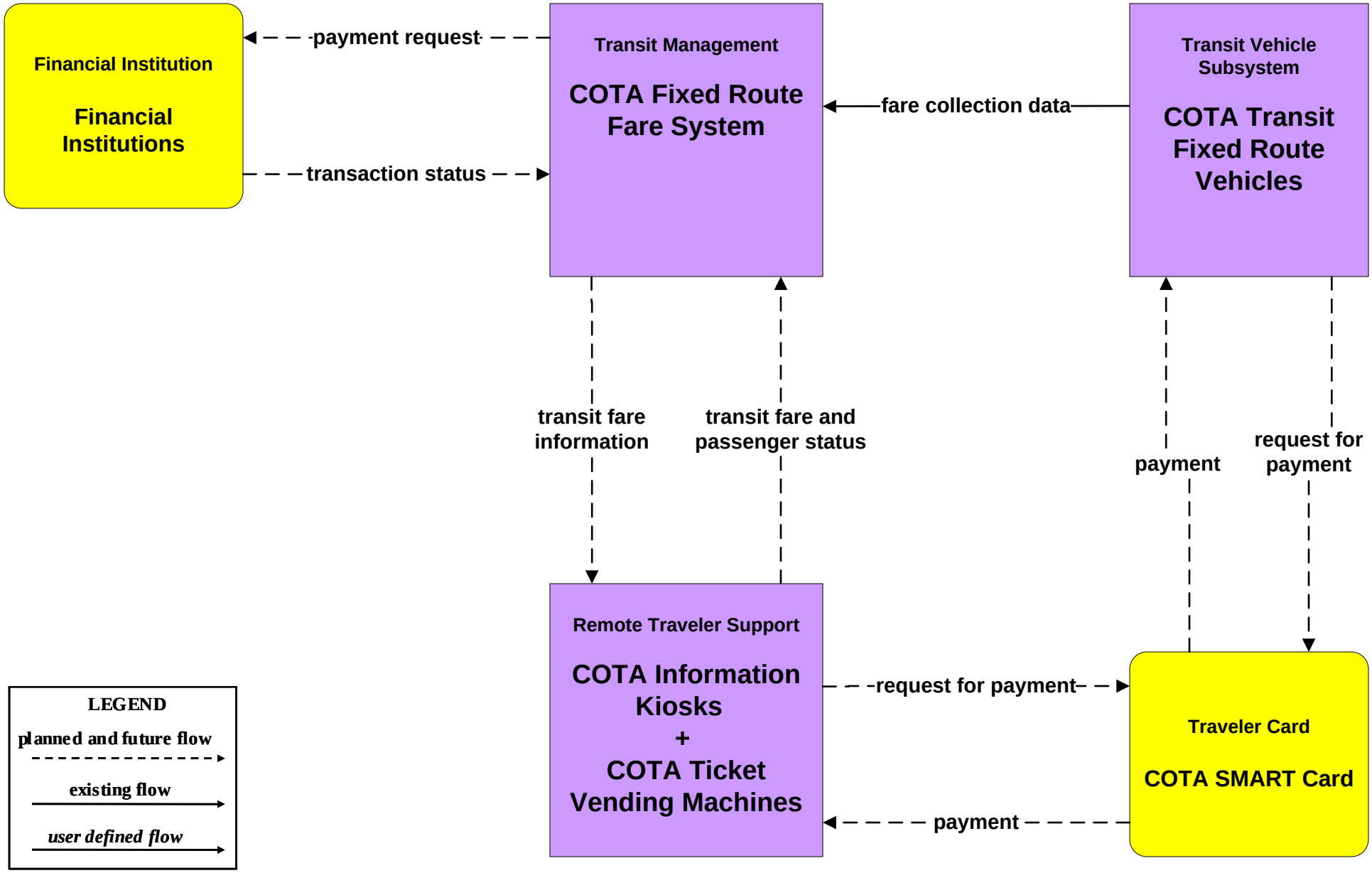
APTS03 - Demand Response
COTA



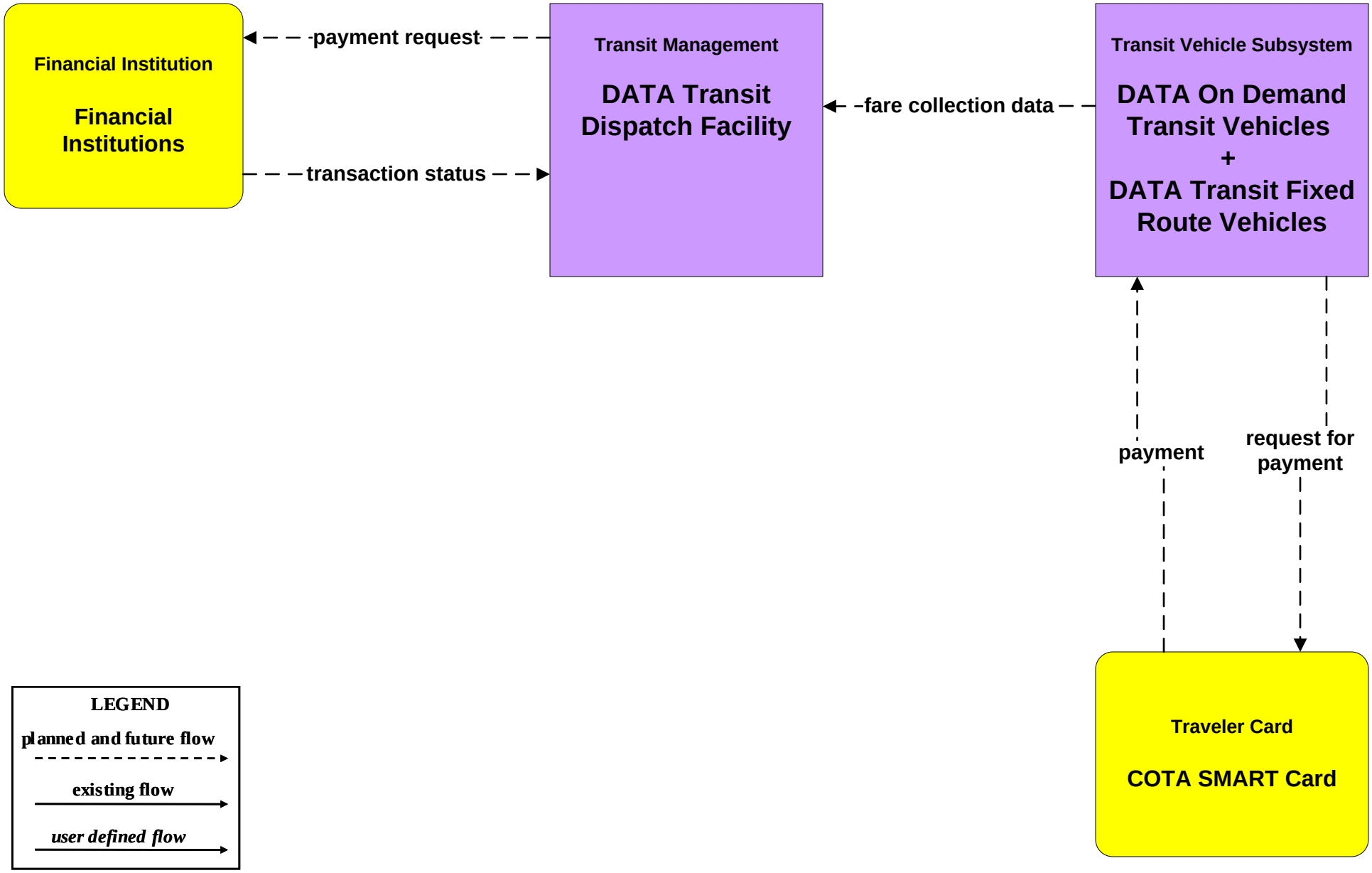
APTS03 - Demand Response
DATA



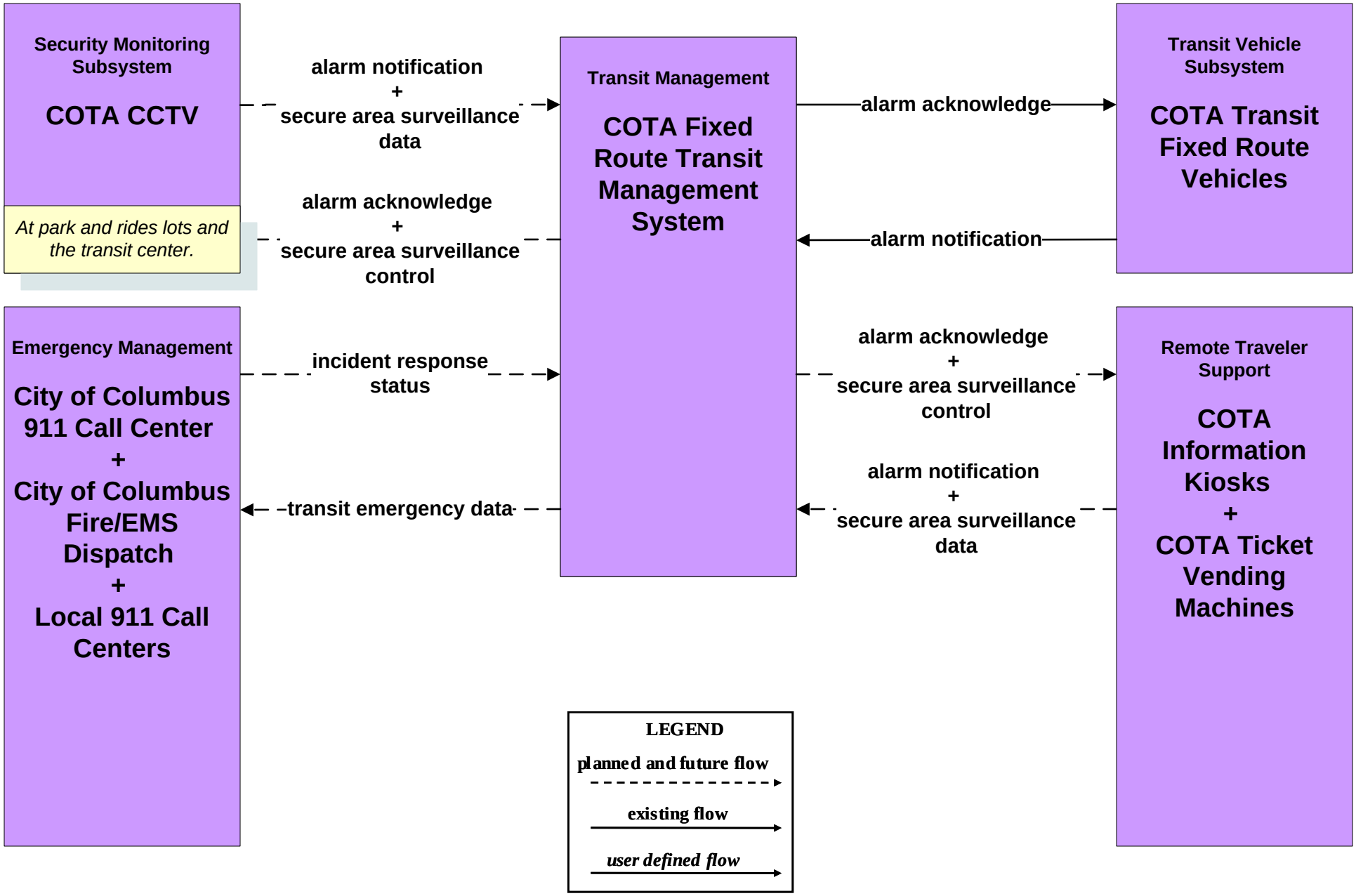
APTS04 - Transit Passenger and Fare Management
COTA – Fixed Route



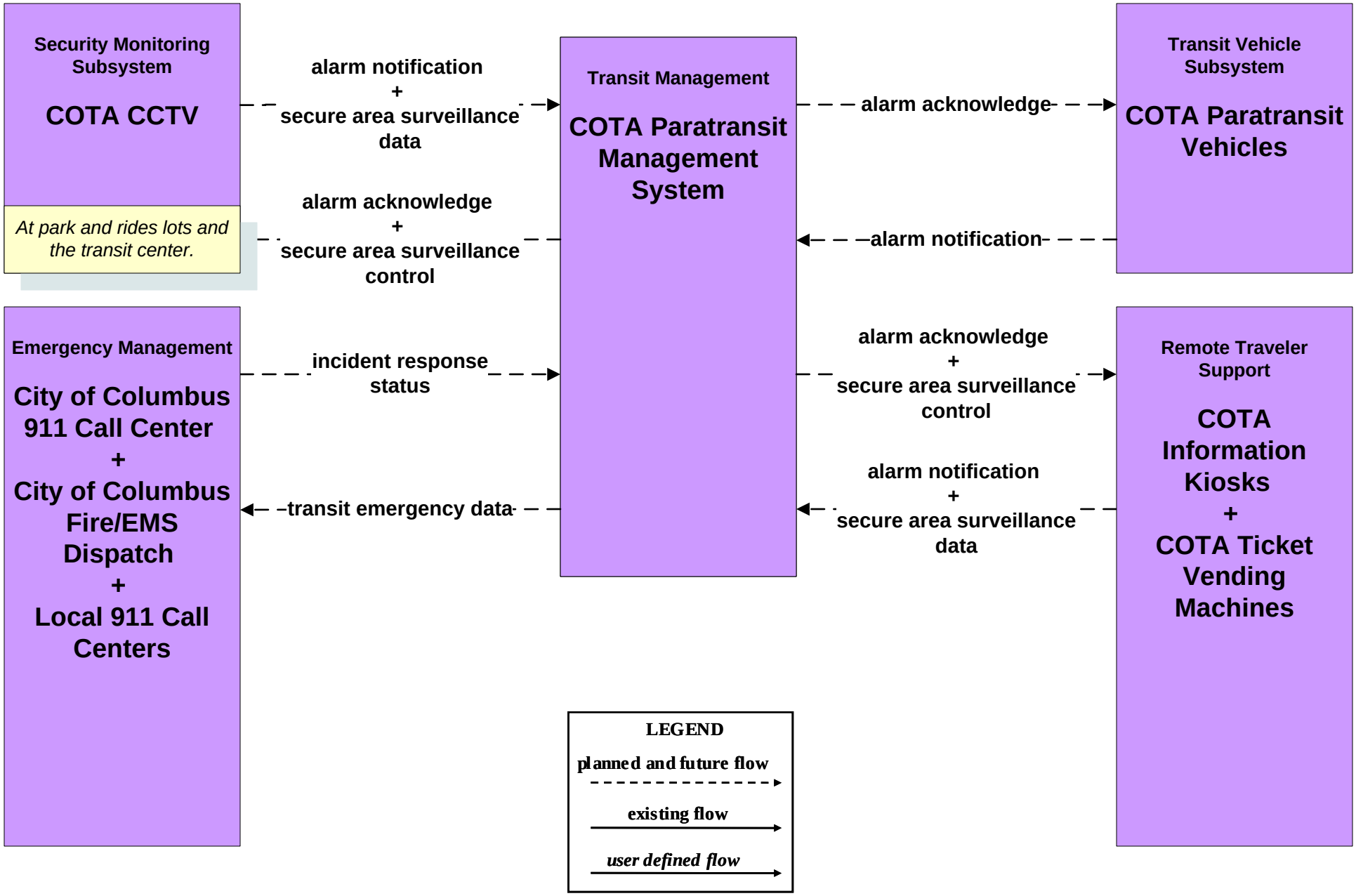
APTS04 - Transit Passenger and Fare Management
DATA



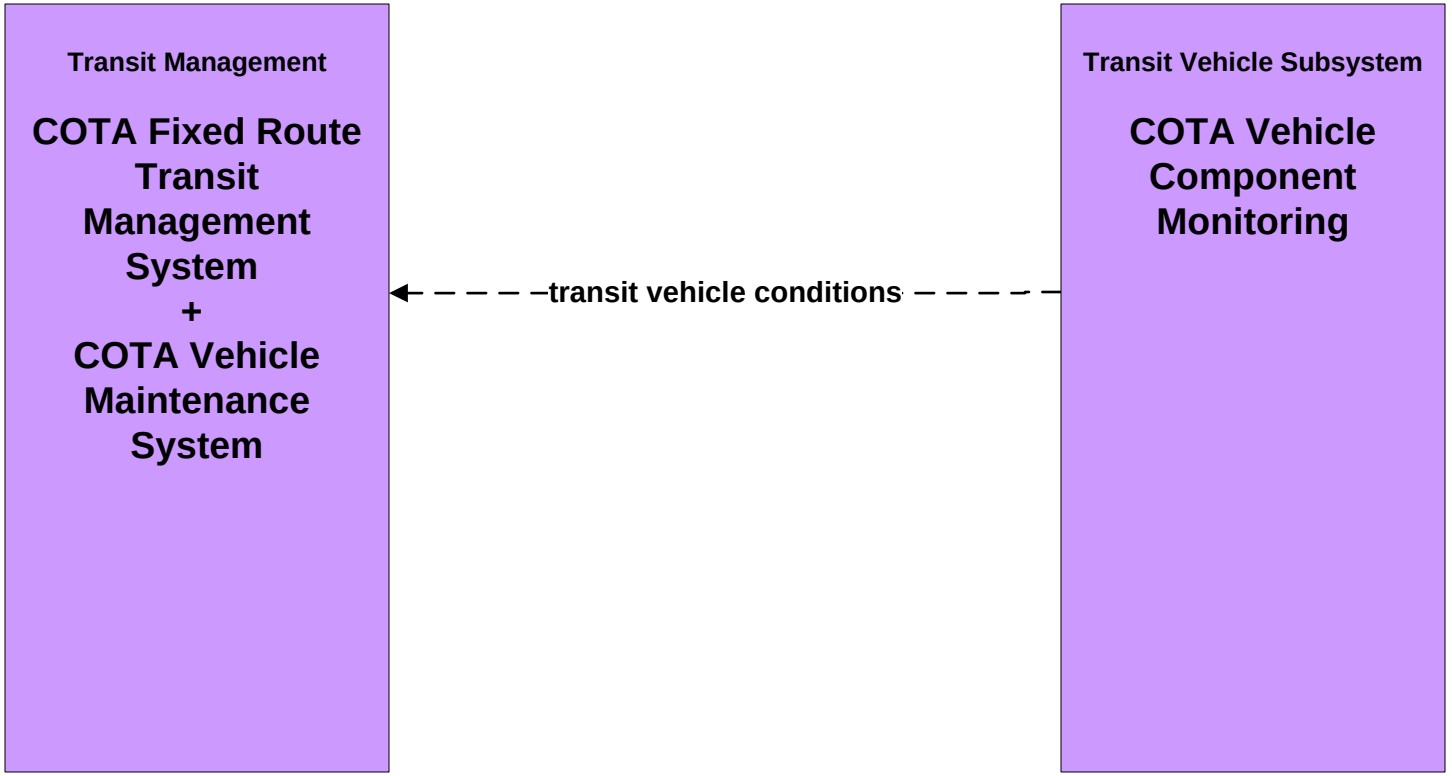
APTS05 - Transit Security
COTA

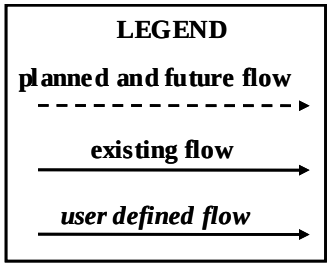


APTS05 - Transit Security
COTA – Demand Responsive

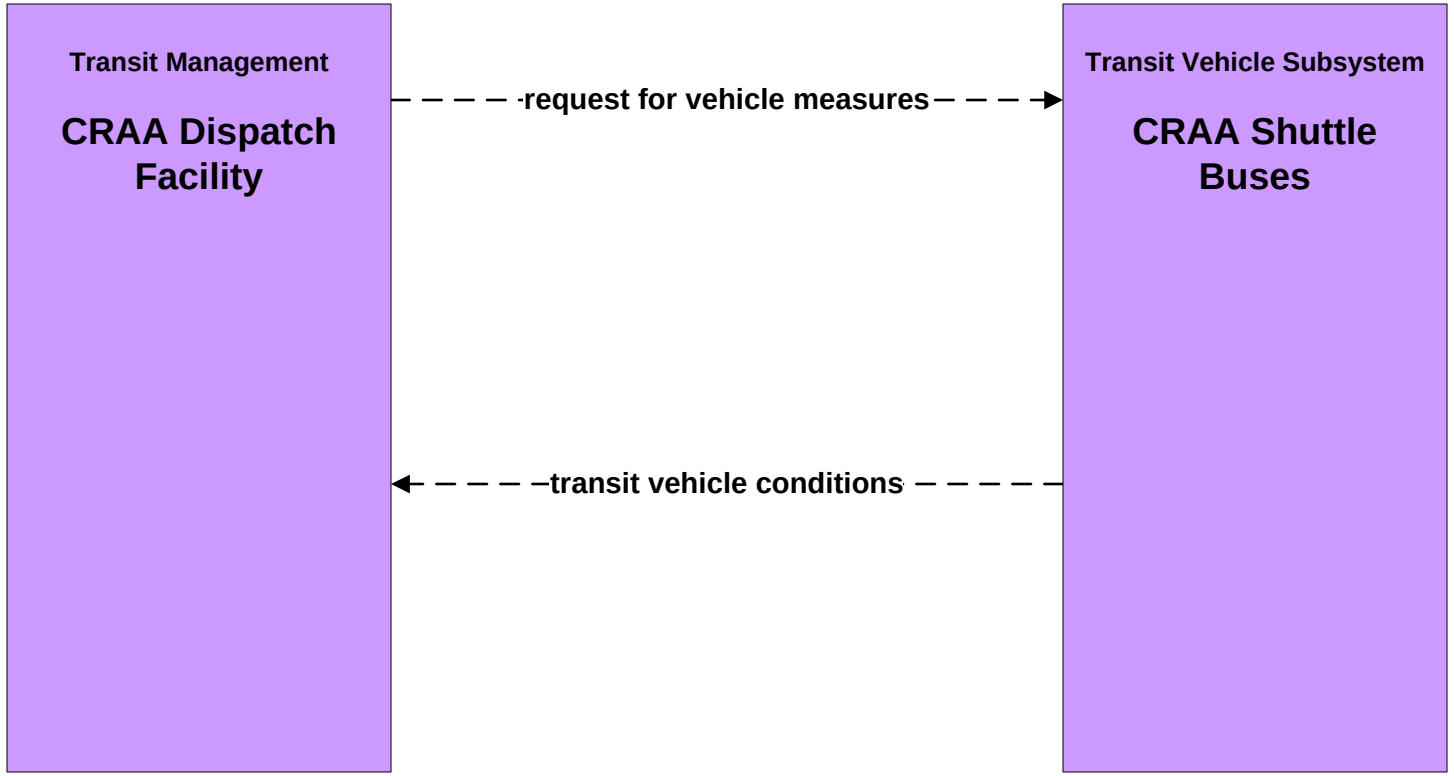


APTS06 - Transit Maintenance
COTA





APTS06 - Transit Maintenance
Columbus Regional Airport Authority



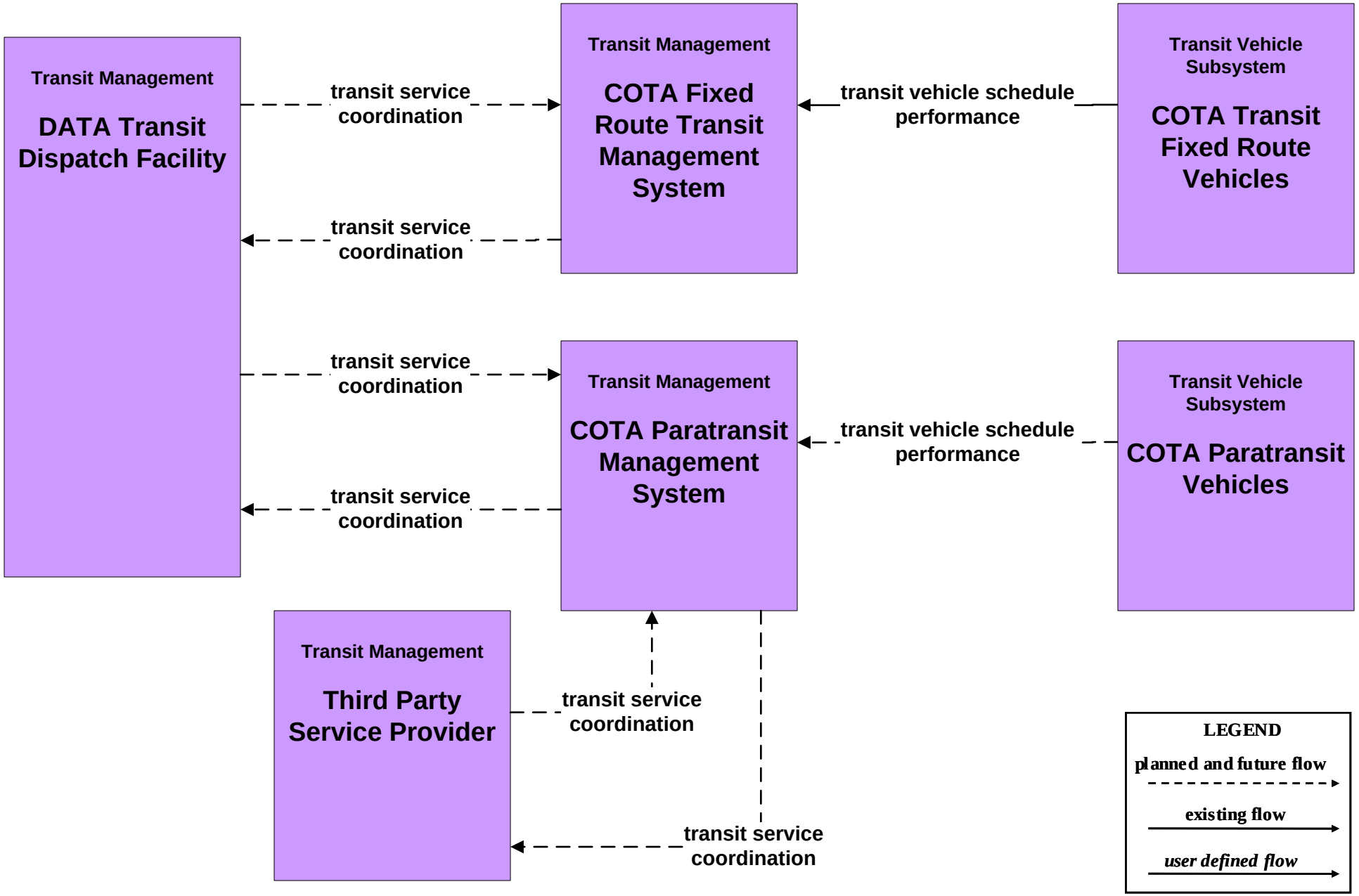
LEGEND

planned and future flow

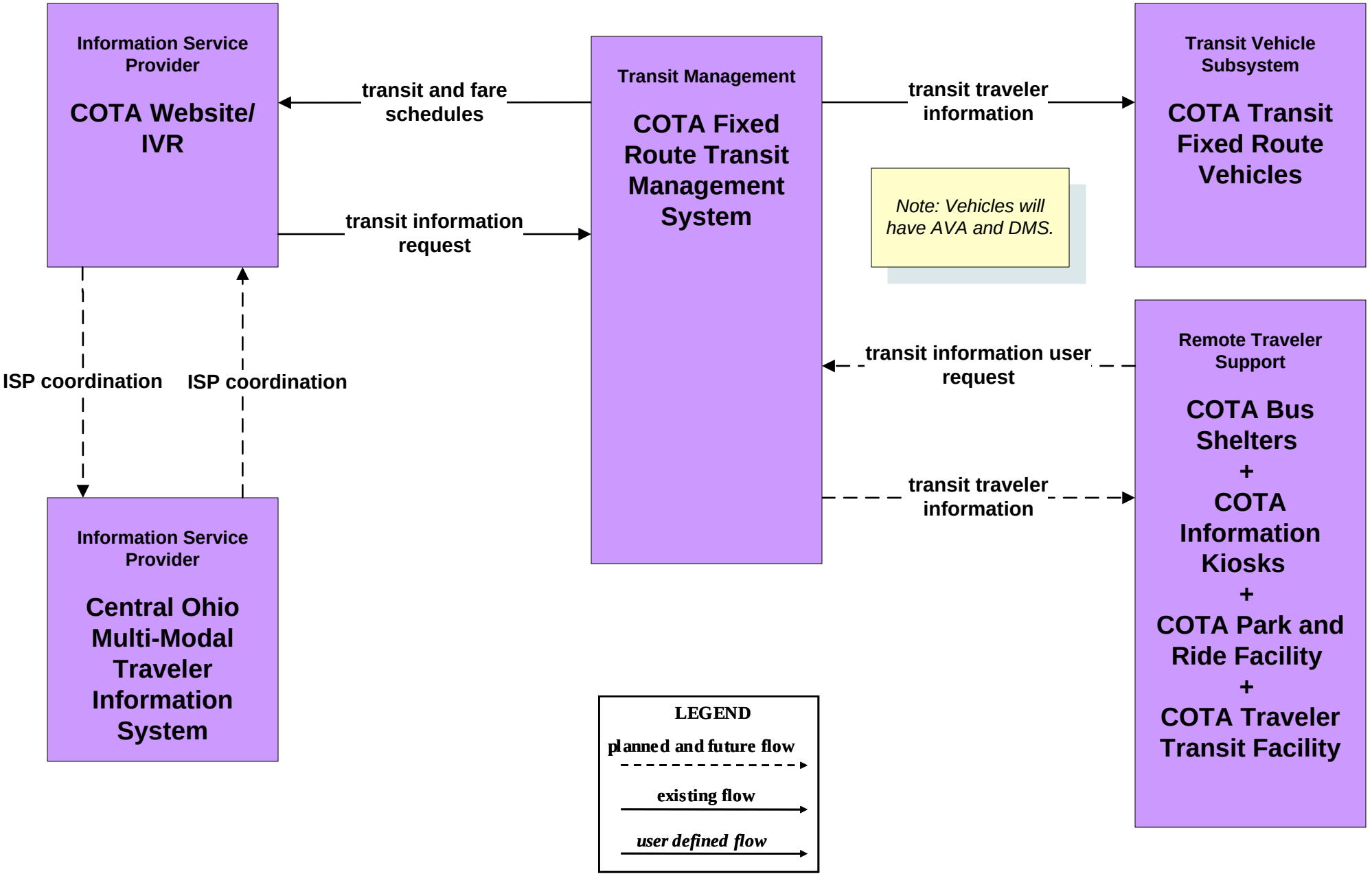
existing flow

user defined flow

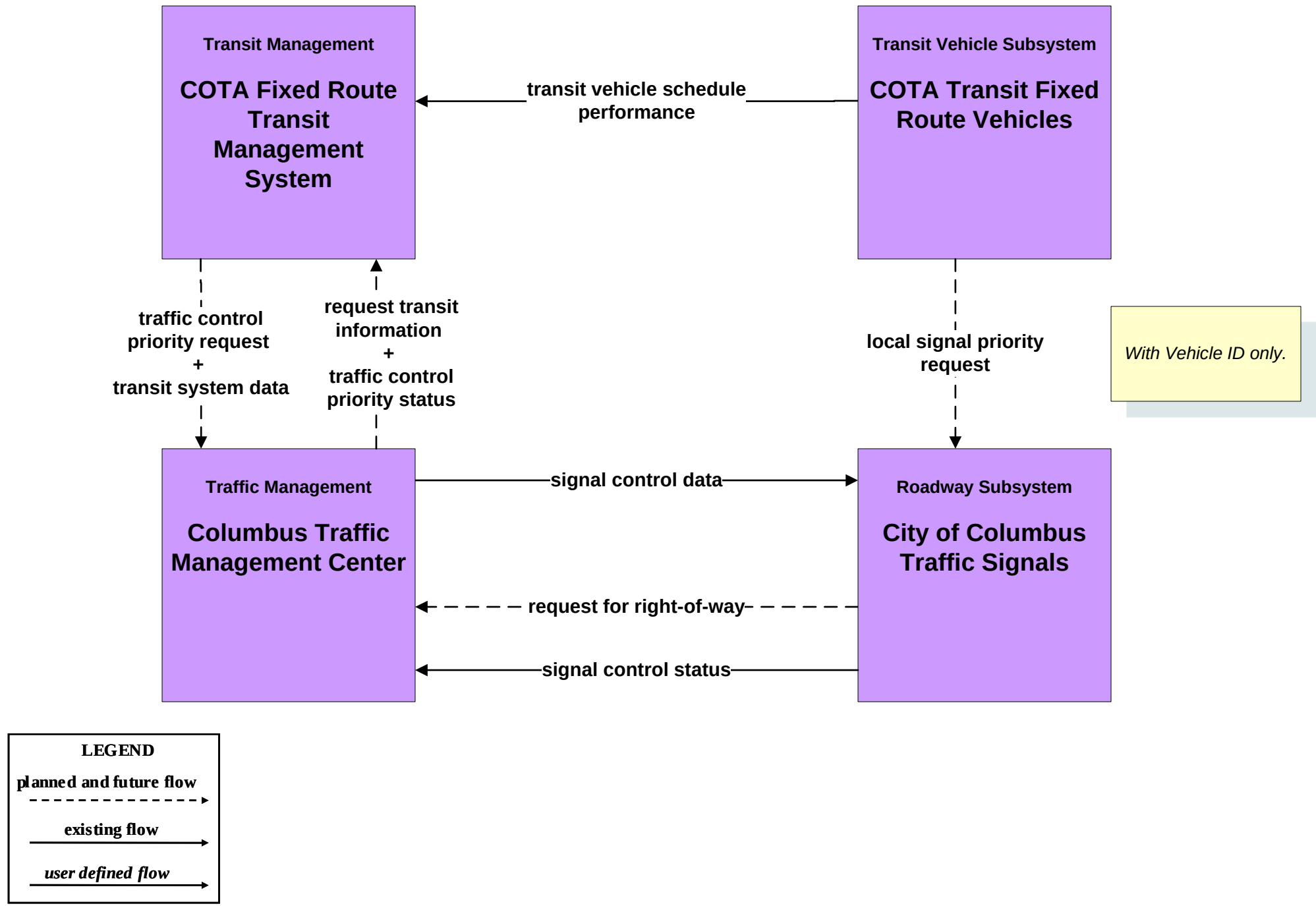
APTS07 - Multi-modal Coordination
COTA



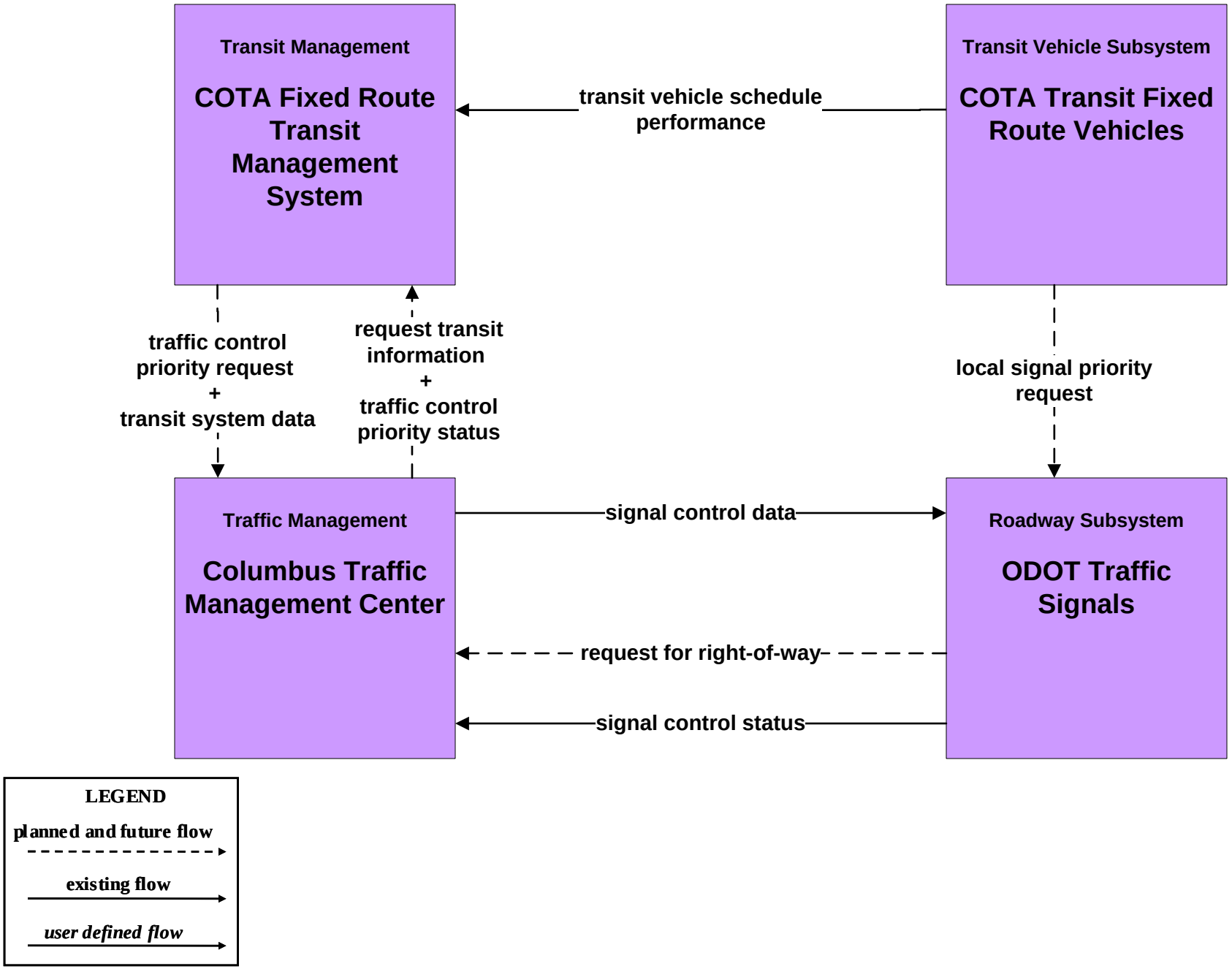
APTS08 - Transit Traveler Information
COTA



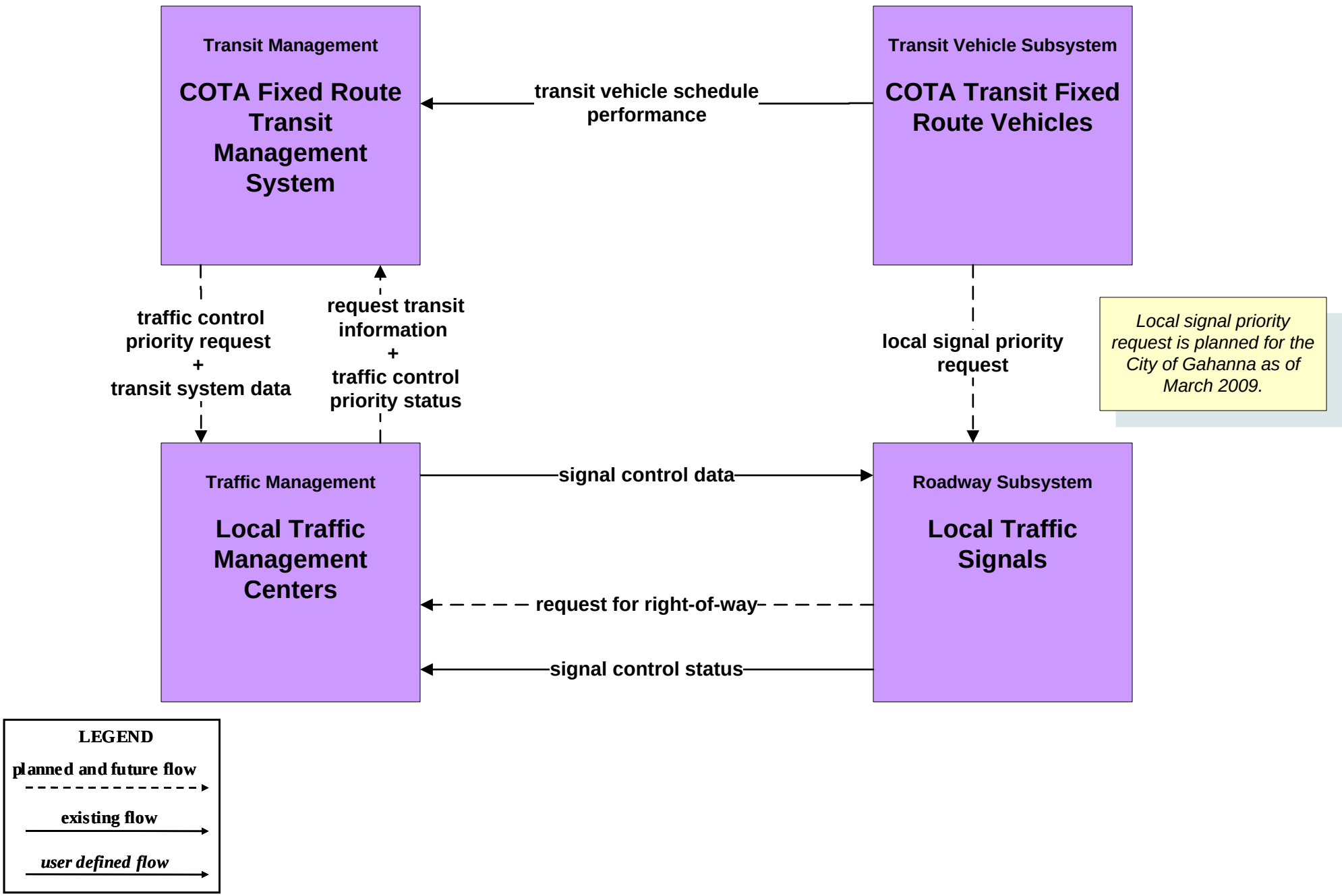
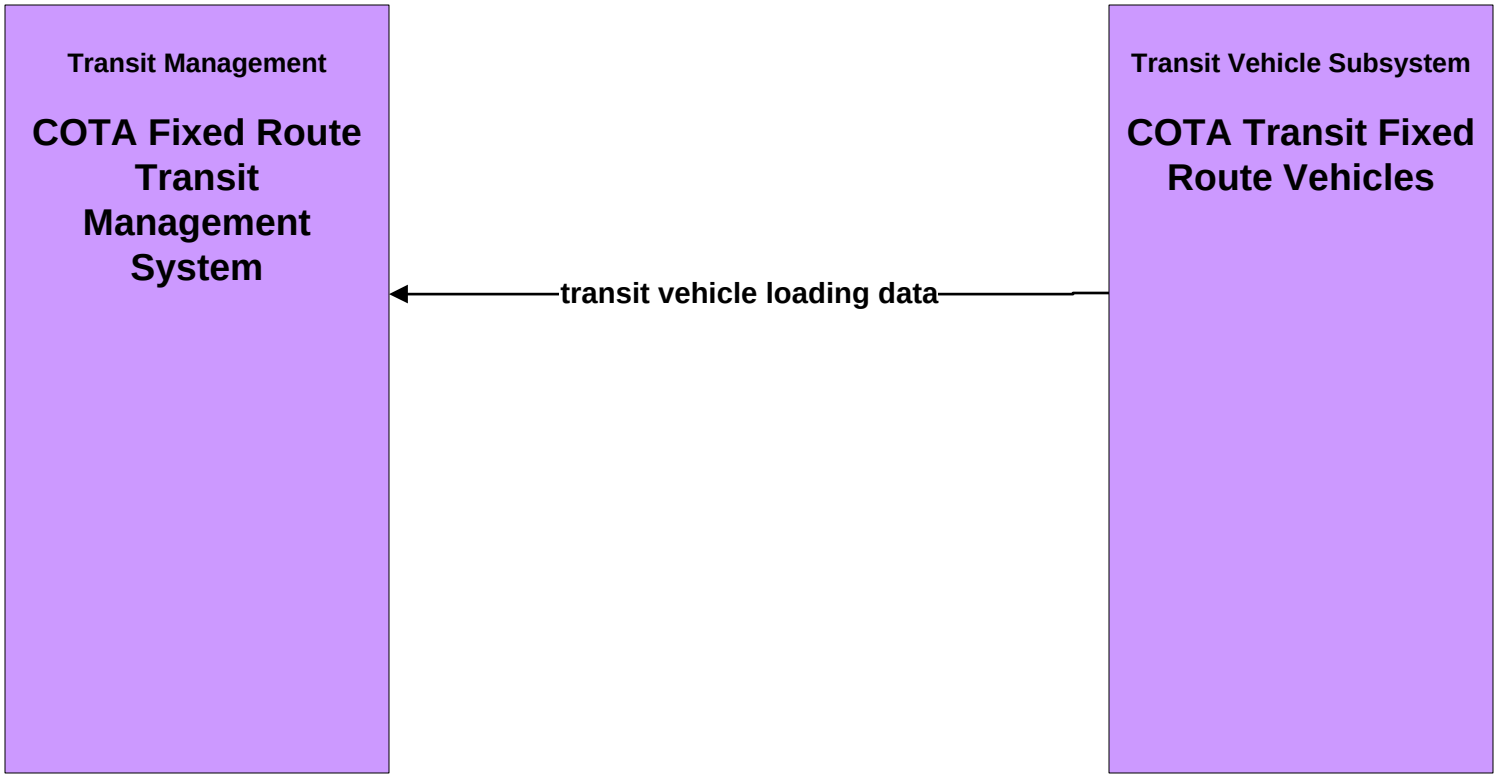
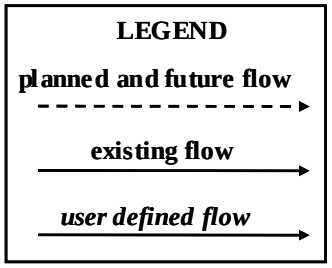
APTS09 – Transit Signal Priority
COTA / City of Columbus



APTS09 – Transit Signal Priority
COTA / ODOT



APTS09 – Transit Signal Priority
COTA / Local Counties and Municipalities



APTS10 – Transit Passenger Counting
COTA