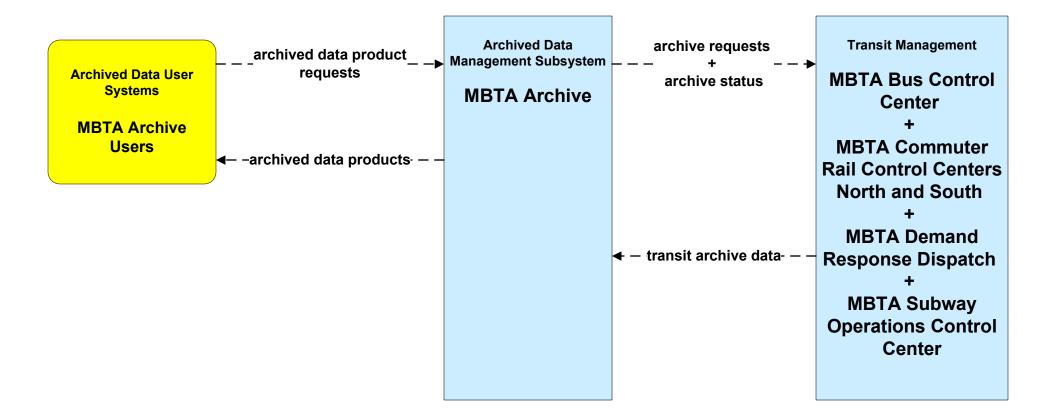
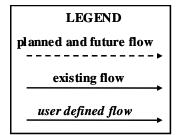
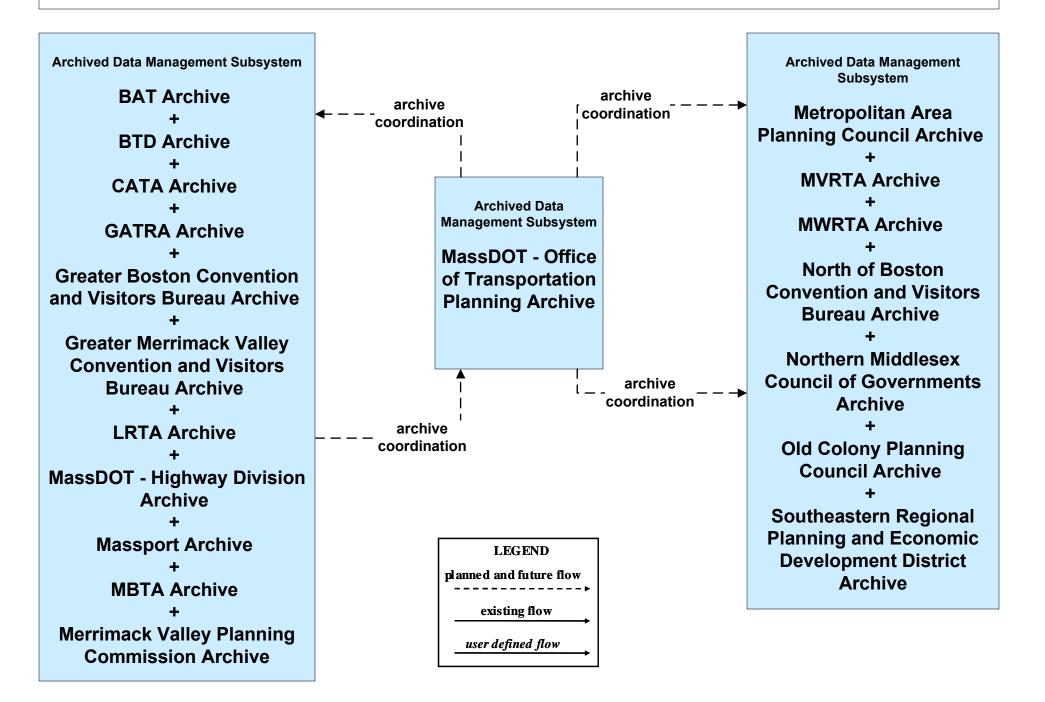
AD1 - ITS Data Mart MBTA

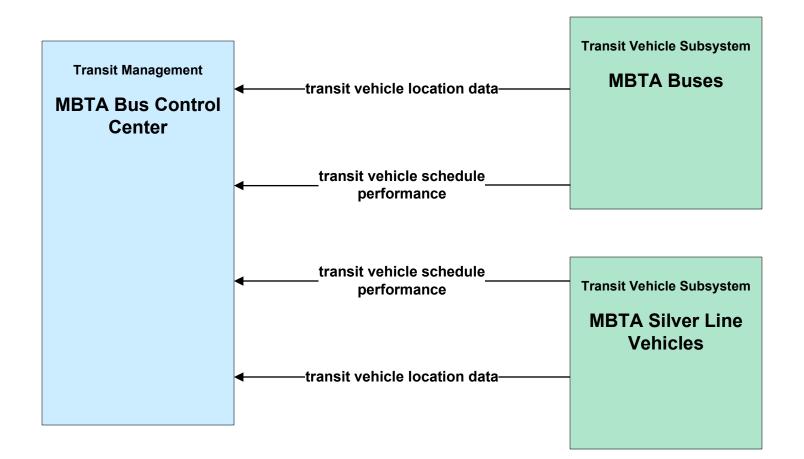


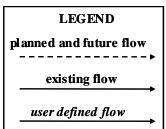


AD3 - ITS Virtual Data Warehouse MassDOT - Office of Transportation Planning

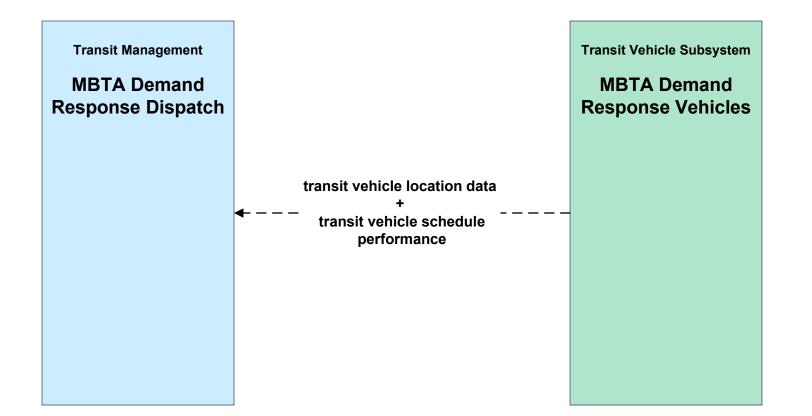


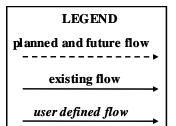
APTS01 - Transit Vehicle Tracking MBTA Bus



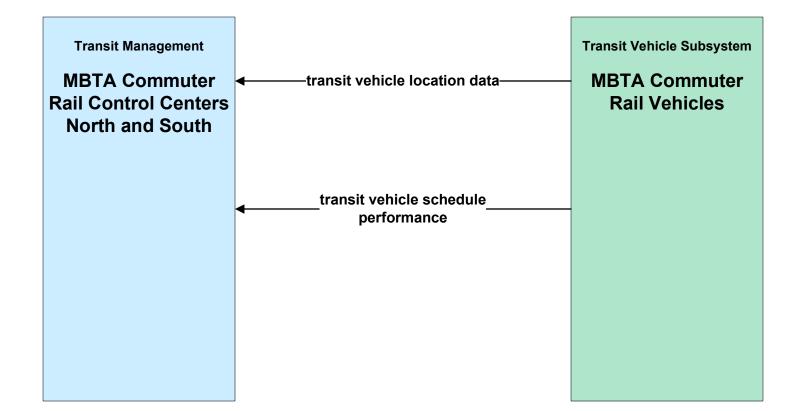


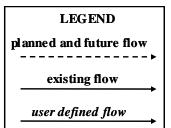
APTS01 - Transit Vehicle Tracking MBTA Demand Response



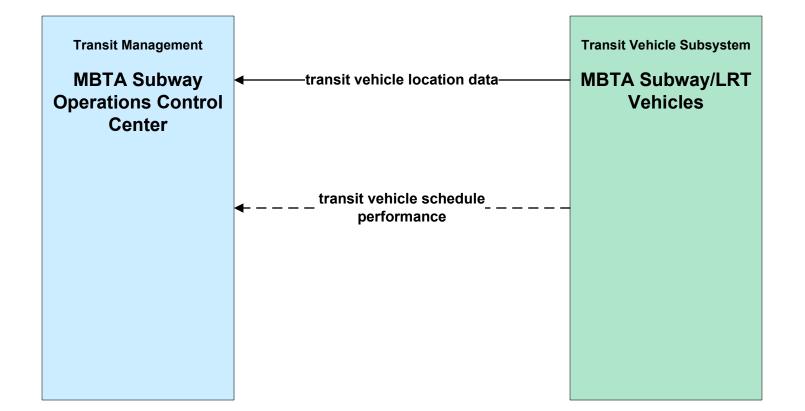


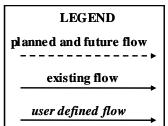
APTS01 - Transit Vehicle Tracking MBTA Commuter Rail



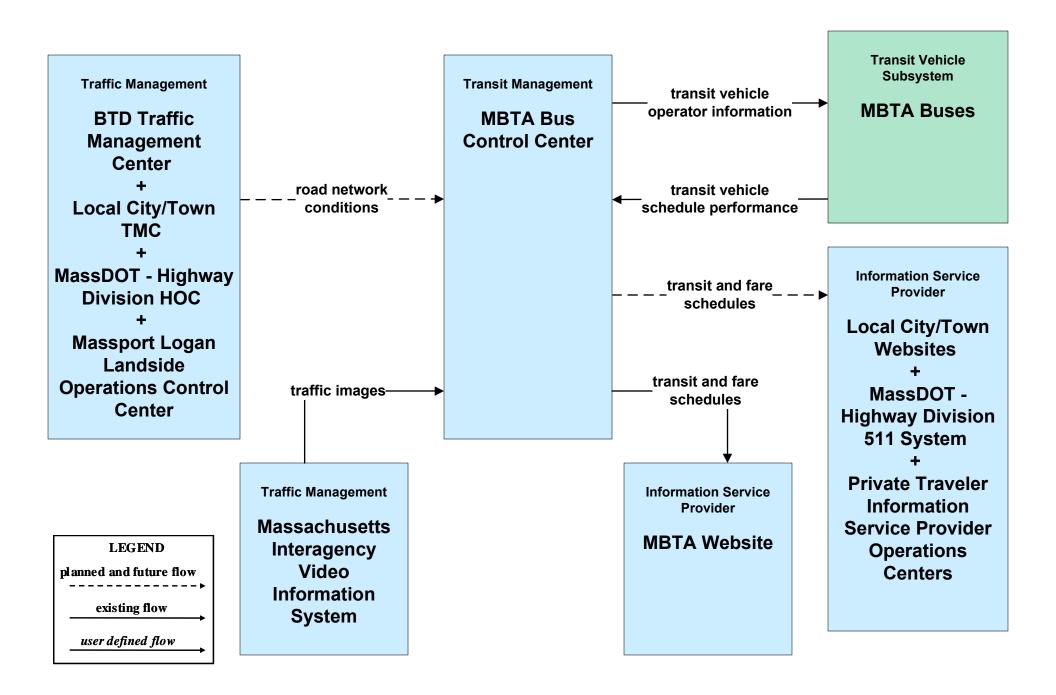


APTS01 - Transit Vehicle Tracking MBTA Subway

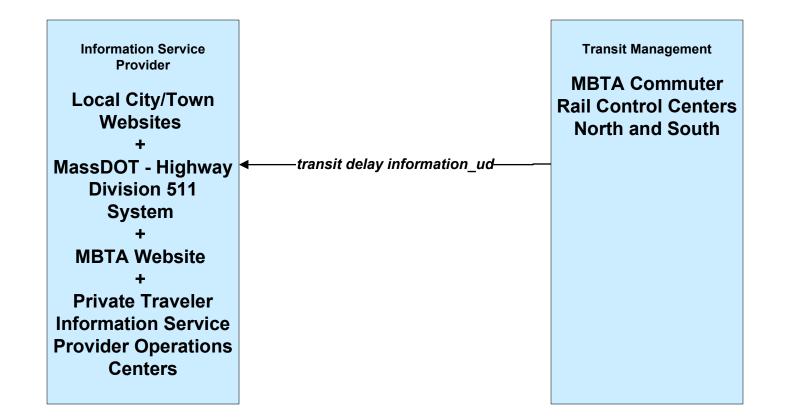


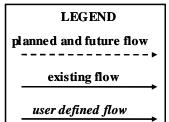


APTS02 - Transit Fixed-Route Operations MBTA Bus

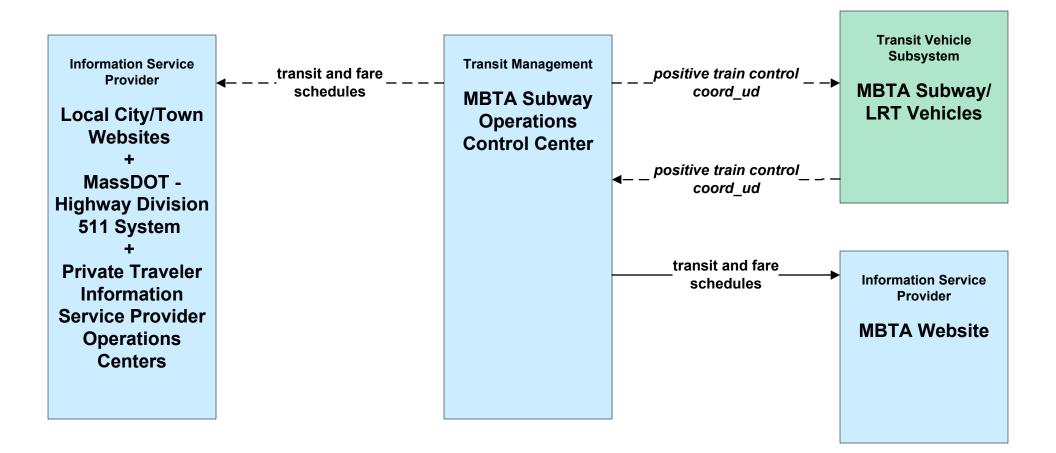


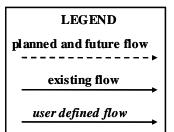
APTS02 - Transit Fixed-Route Operations MBTA Commuter Rail



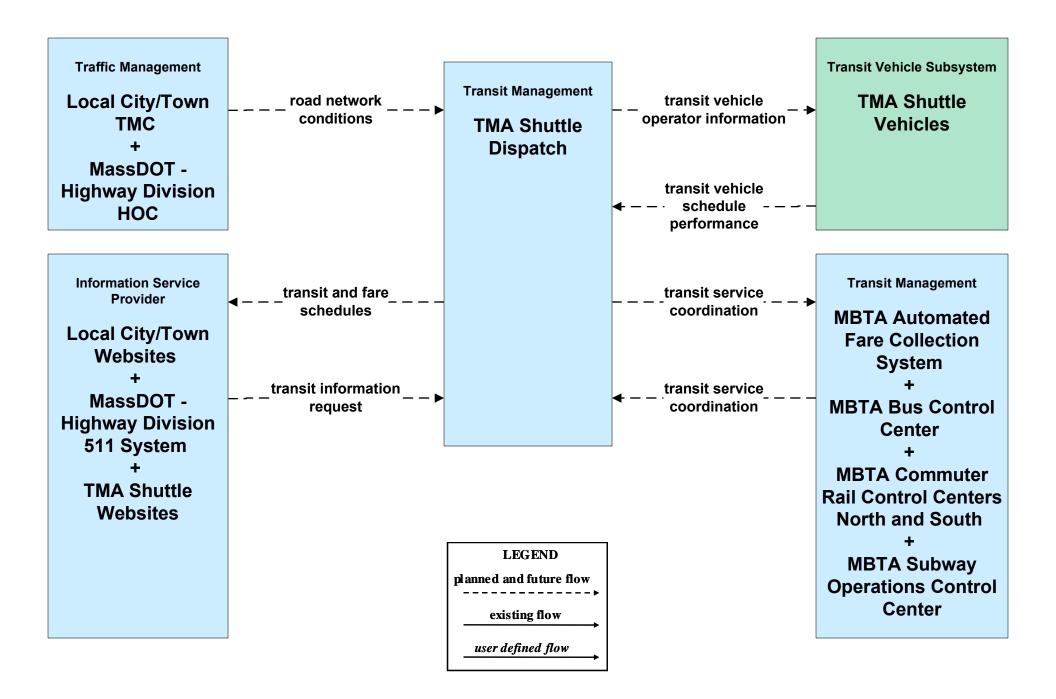


APTS02 - Transit Fixed-Route Operations MBTA Subway

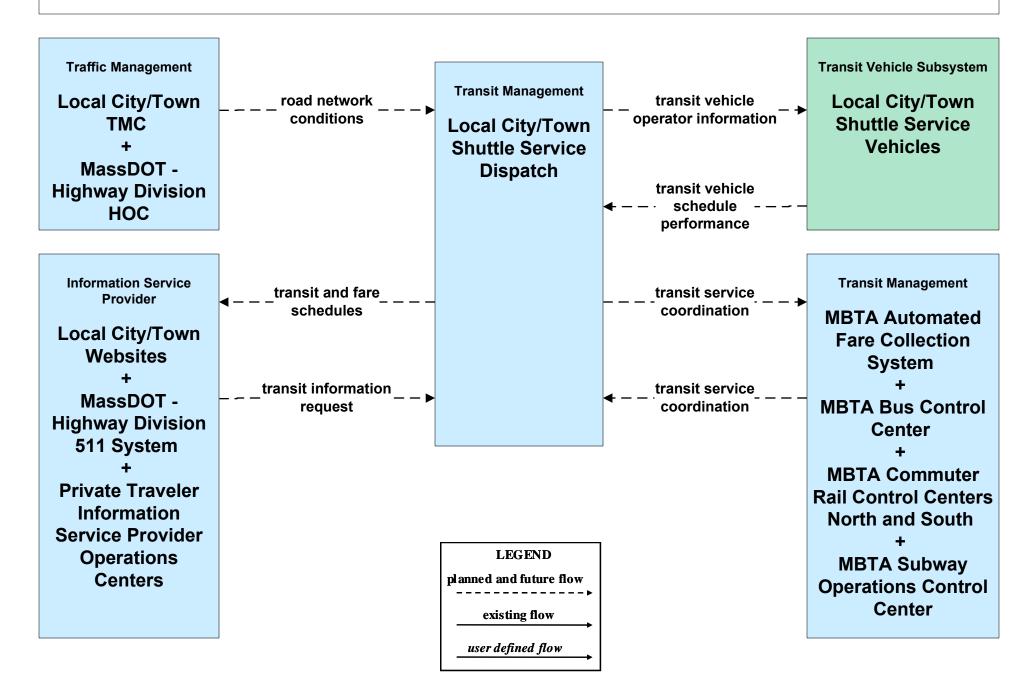




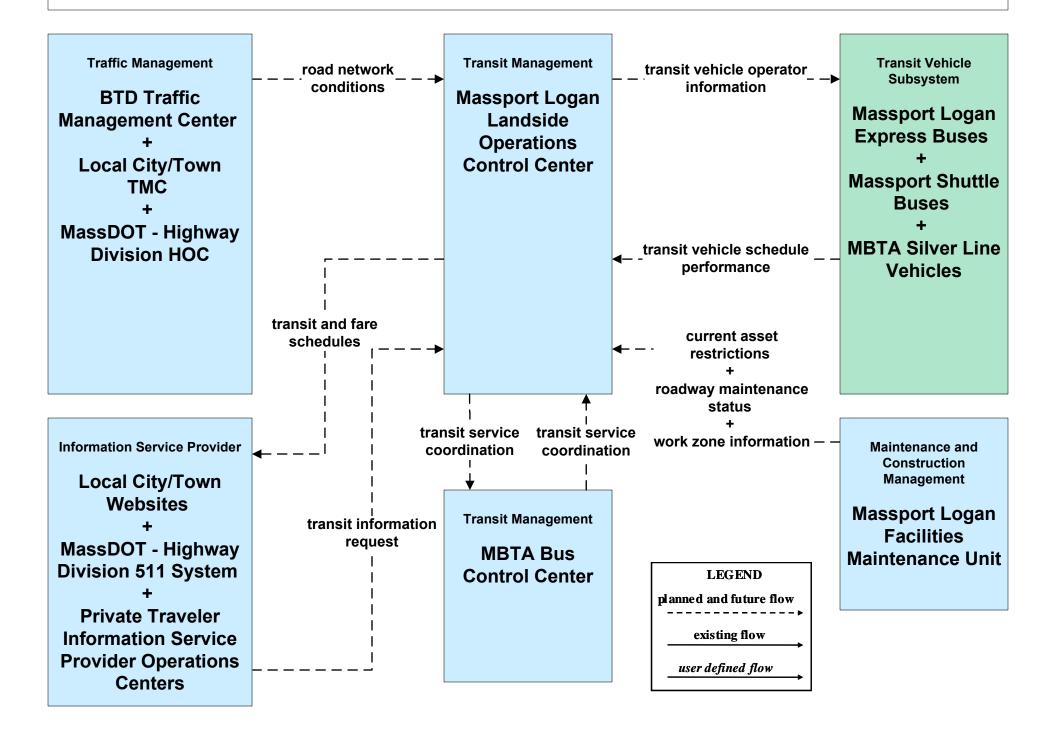
APTS02 - Transit Fixed-Route Operations TMA Shuttles



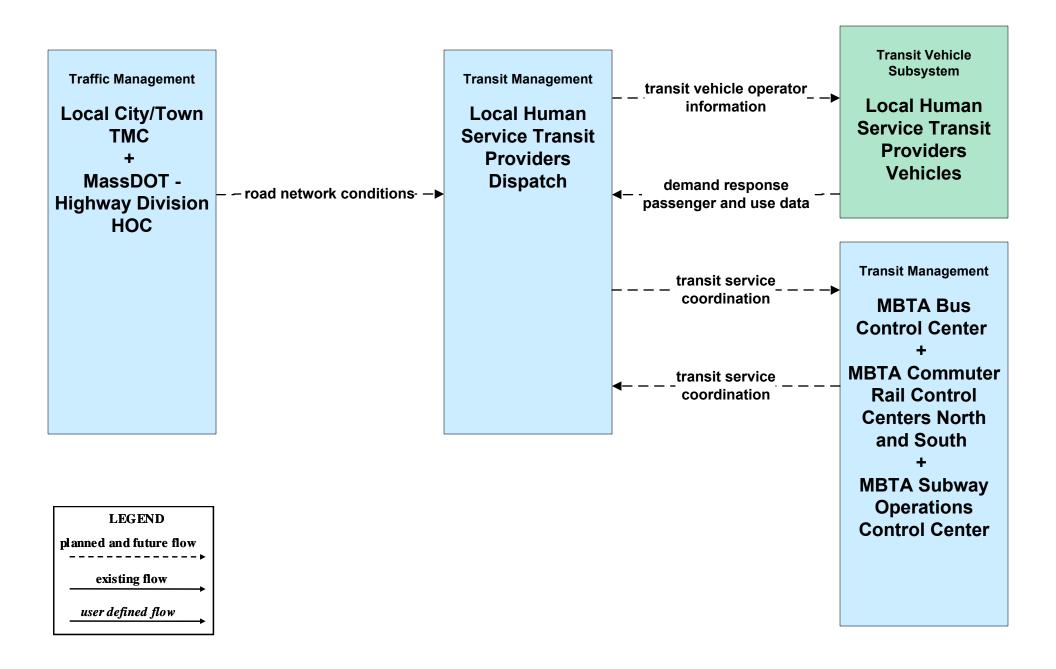
APTS02 - Transit Fixed-Route Operations Local City/Town Shuttles



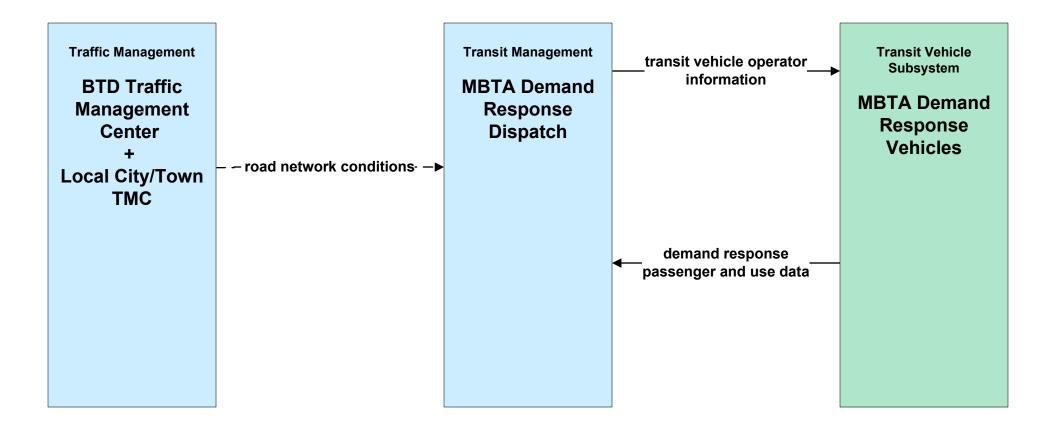
APTS02 - Transit Fixed-Route Operations Massport

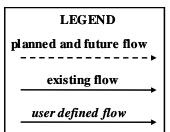


APTS03 - Demand Response Transit Operations Local Human Service Transit

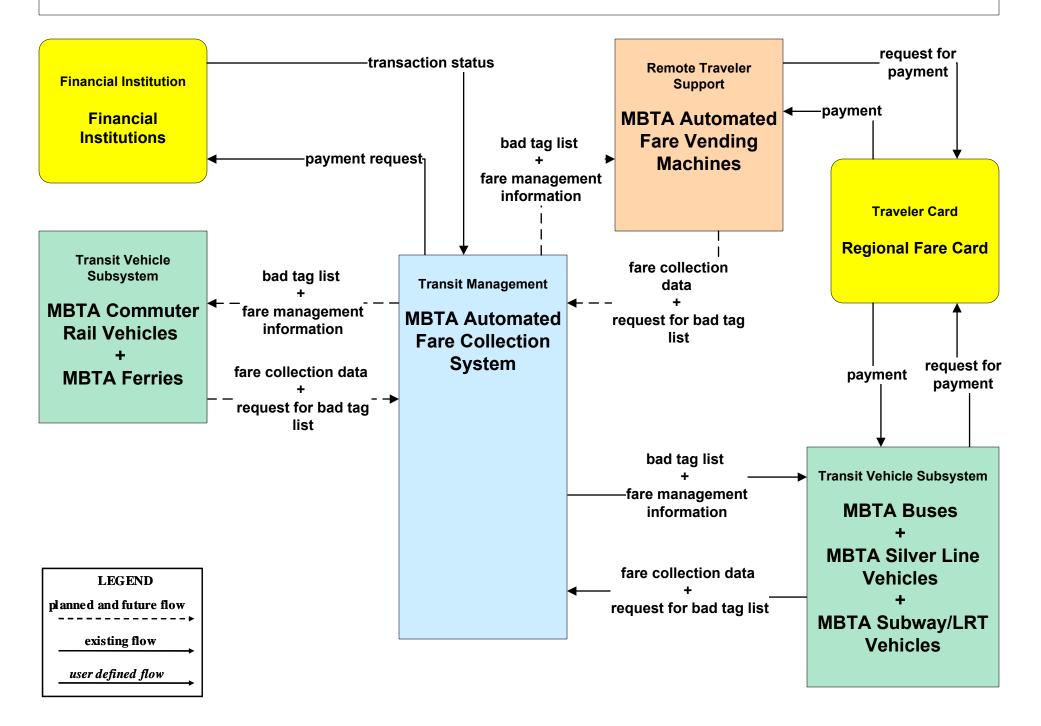


APTS03 - Demand Response Transit Operations MBTA Demand Response

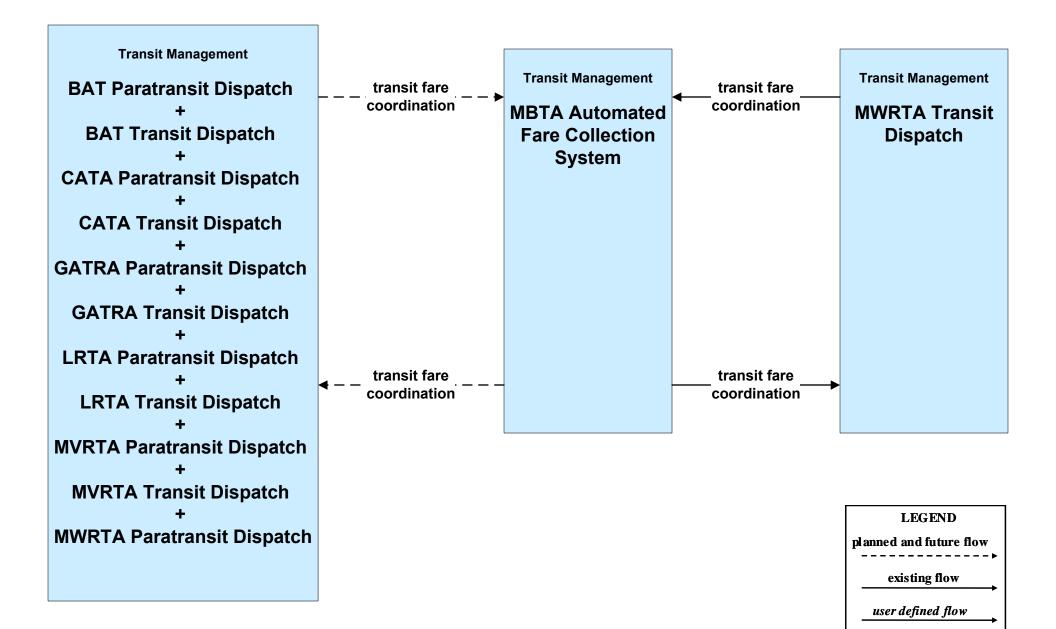




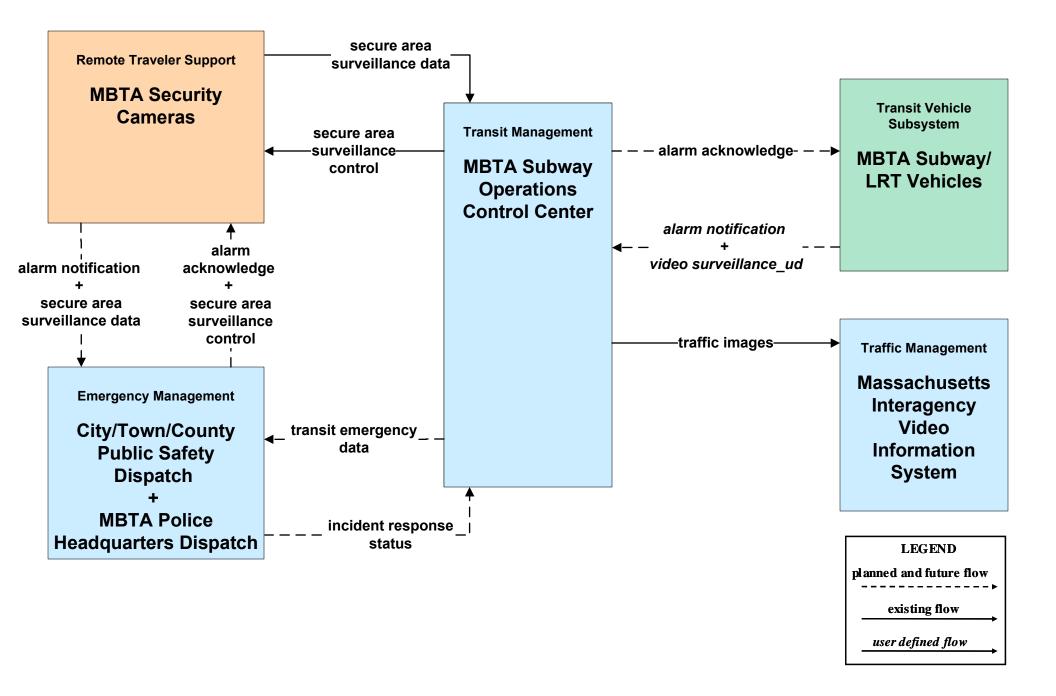
APTS04 - Transit Passenger and Fare Payment MBTA



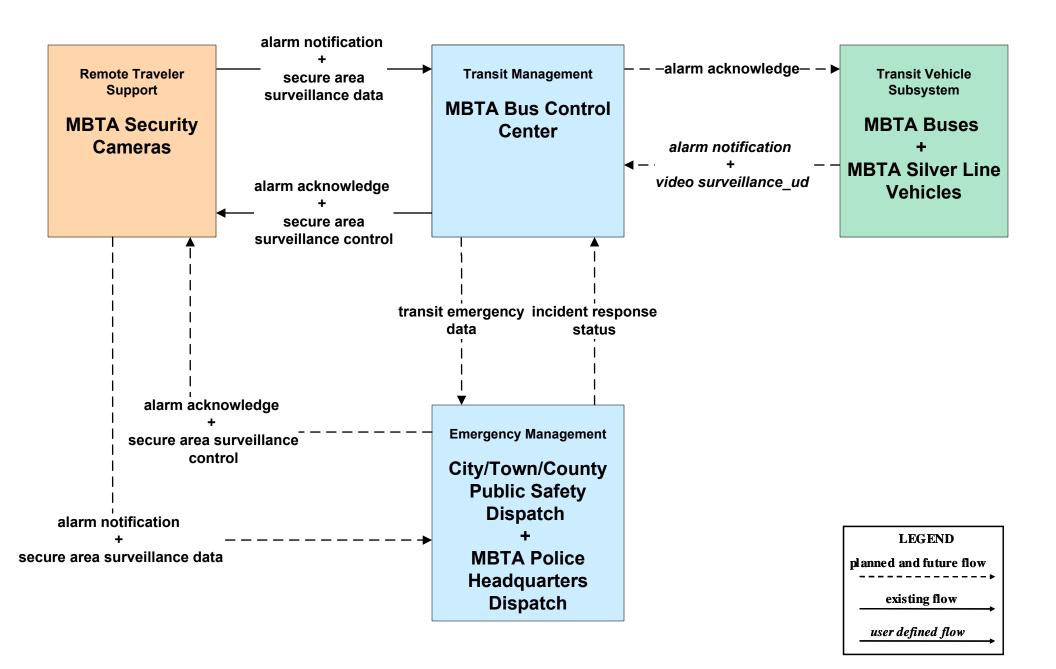
APTS04 - Transit Passenger and Fare Payment MBTA



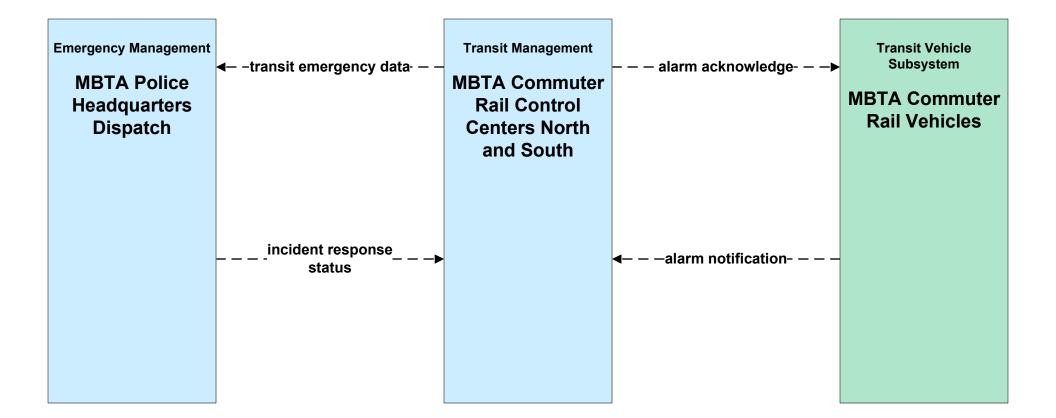
APTS05 - Transit Security MBTA Subway

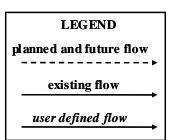


APTS05 - Transit Security MBTA Bus

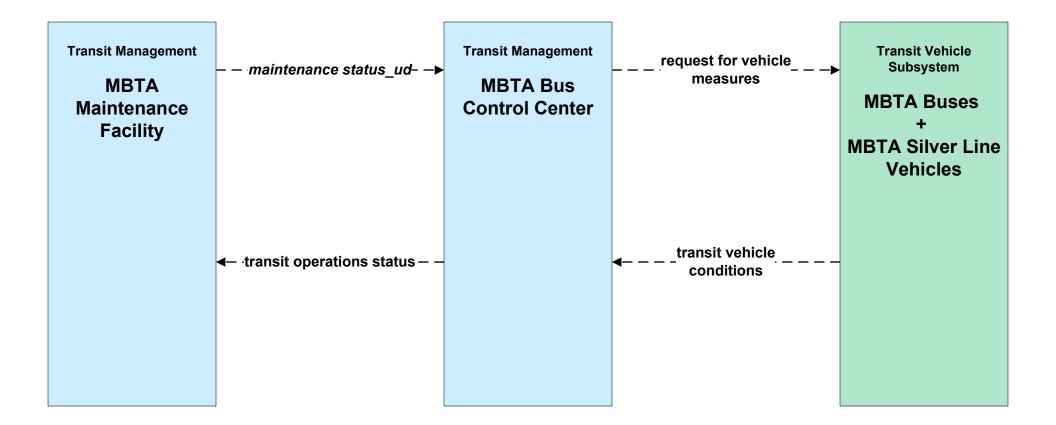


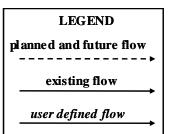
APTS05 - Transit Security MBTA Commuter Rail





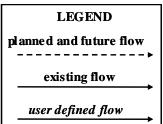
APTS06 - Transit Vehicle Maintenance MBTA Bus



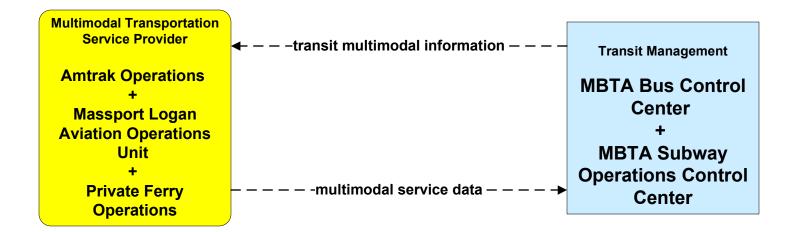


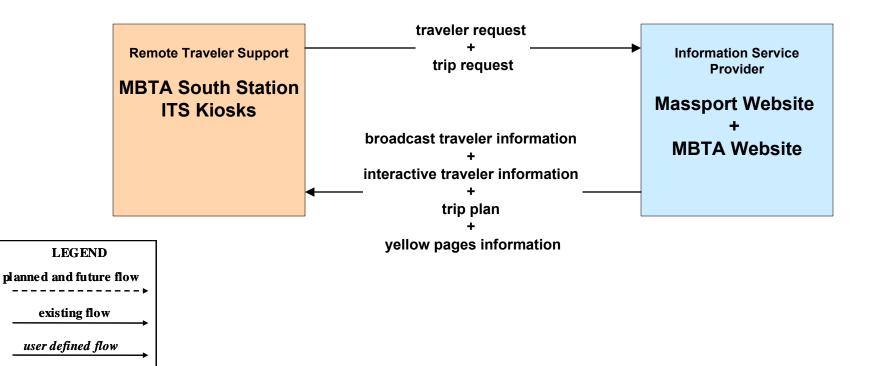
APTS06 - Transit Vehicle Maintenance MBTA Demand Response

Transit Management MBTA Demand Response Dispatch	– – – – -request for vehicle measures – – – →	Transit Vehicle Subsystem MBTA Demand Response Vehicles
	 ← – – – – transit vehicle conditions – – – – 	

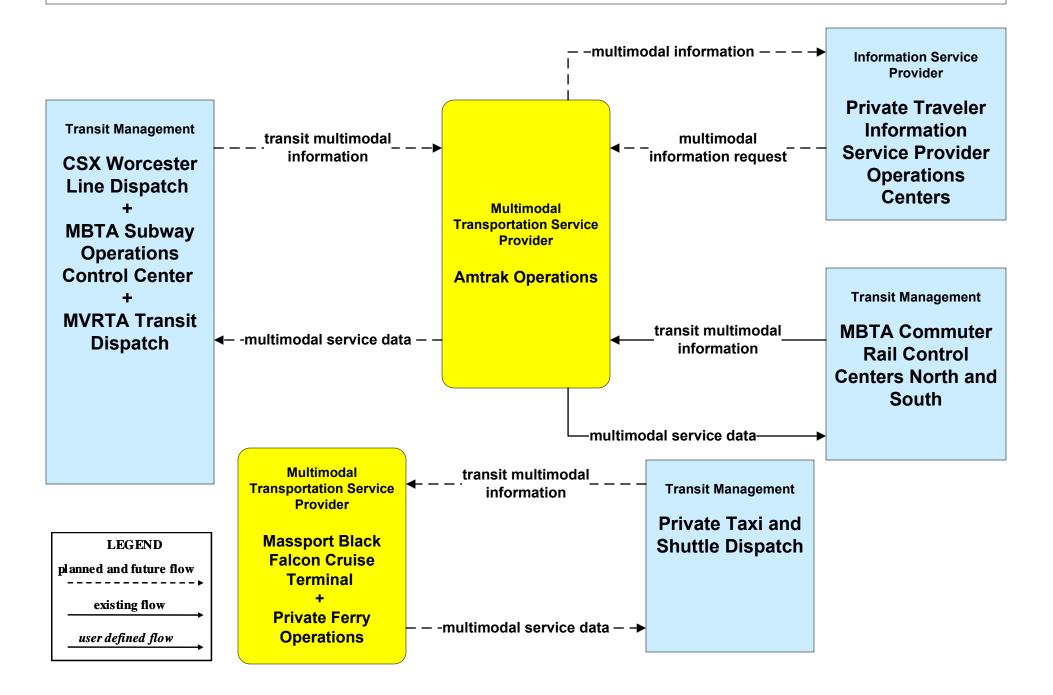


APTS07 - Multimodal Coordination Remote Traveler Support and Multimodal Transportation Service Providers (1 of 2)

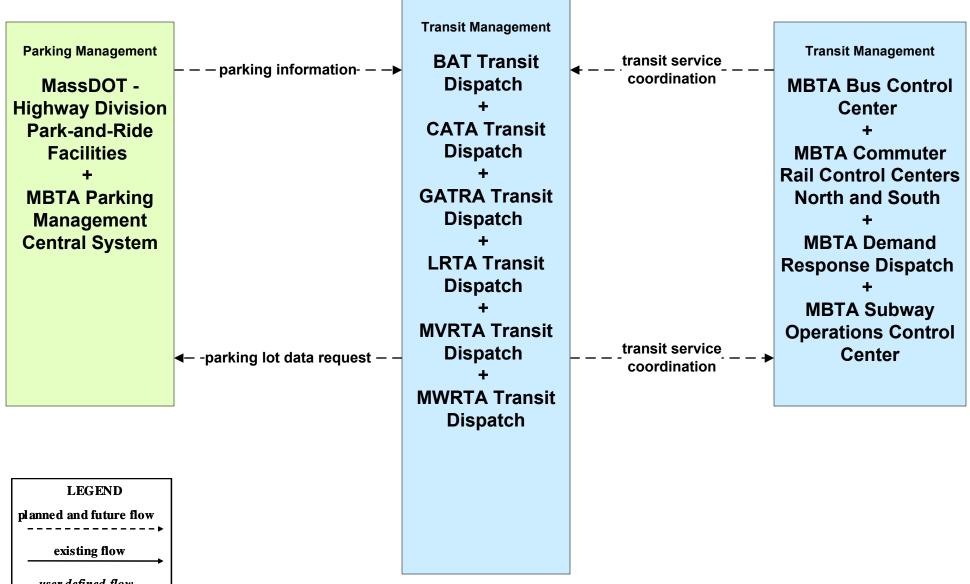




APTS07 - Multimodal Coordination Remote Traveler Support and Multimodal Transportation Service Providers (2 of 2)

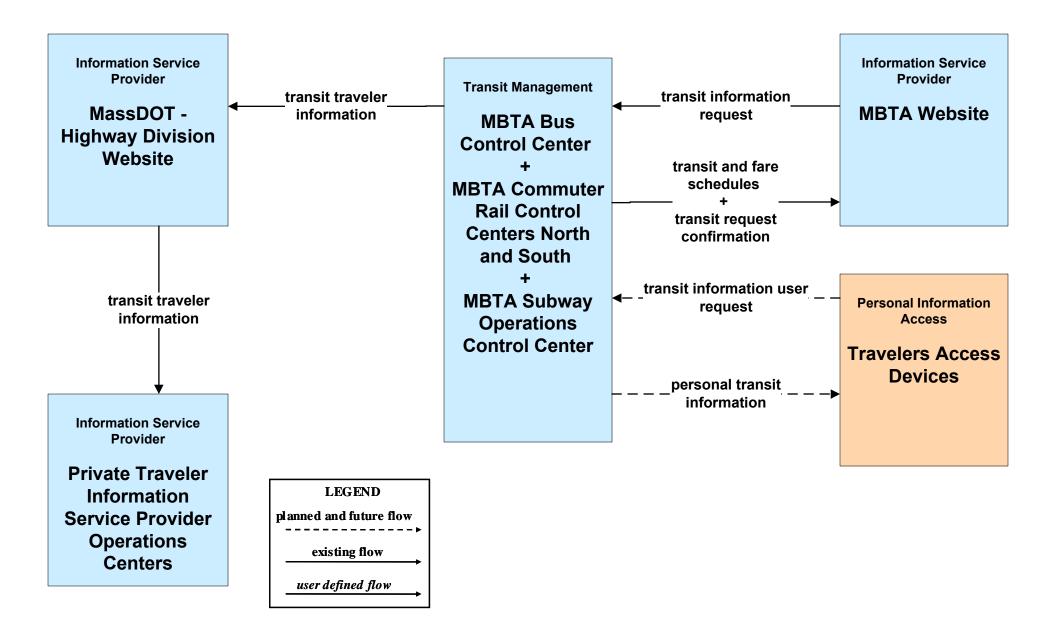


APTS07 - Multimodal Coordination RTA

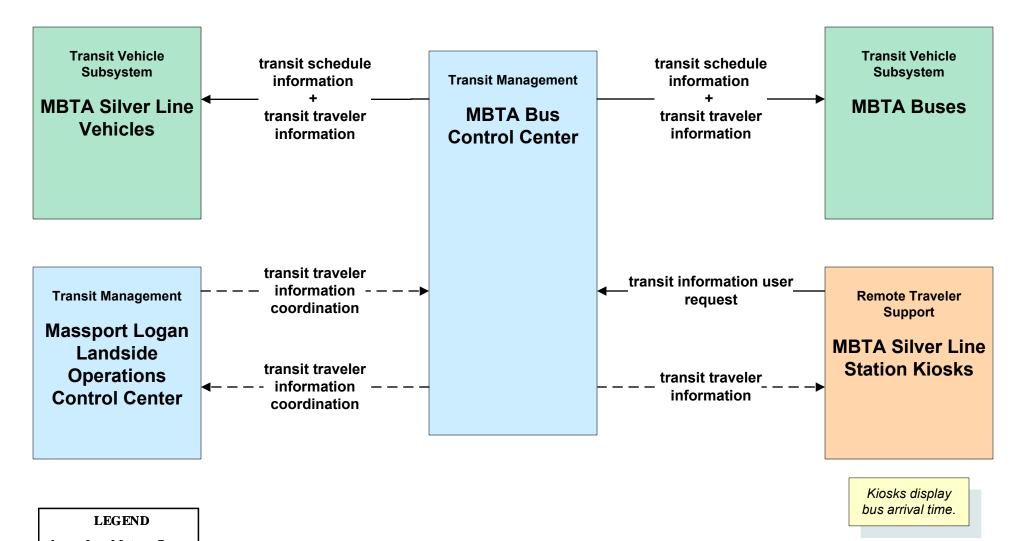


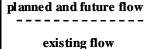
user defined flow

APTS08 - Transit Traveler Information MBTA



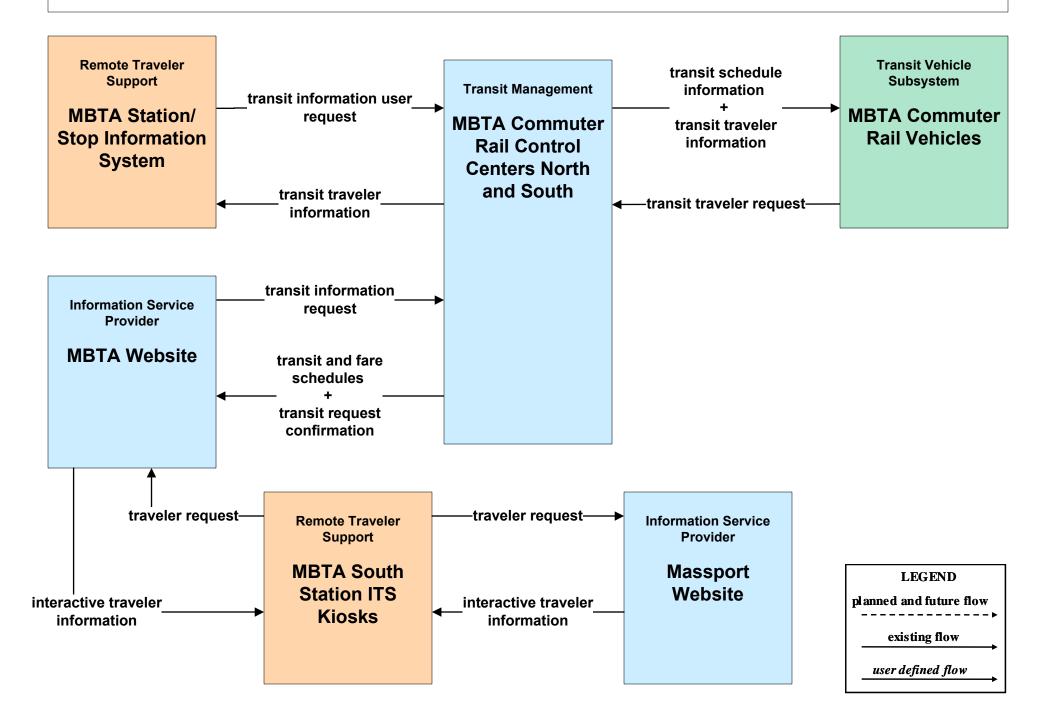
APTS08 - Transit Traveler Information MBTA Bus





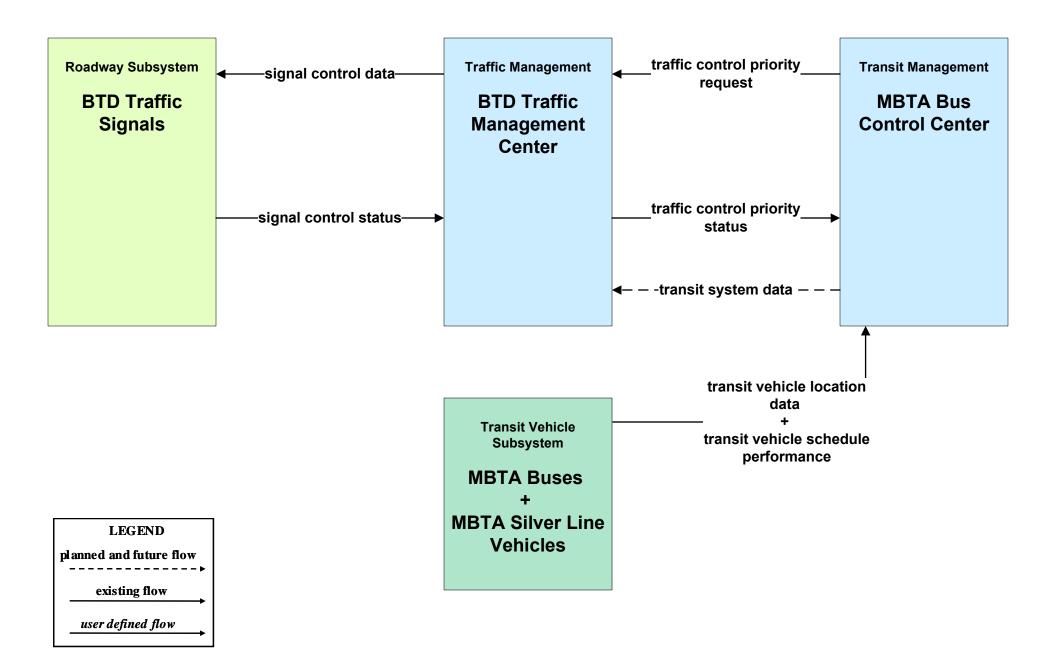
user defined flow

APTS08 - Transit Traveler Information MBTA Commuter Rail

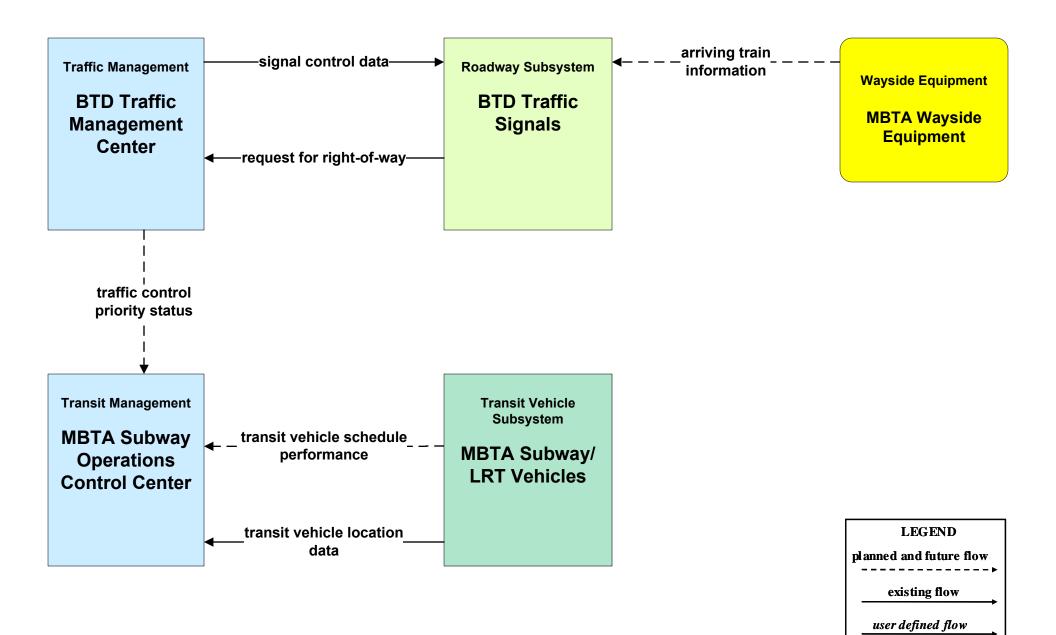


APTS08 - Transit Traveler Information **MBTA Subway Transit Vehicle Information Service** transit schedule Subsystem Provider information **Transit Management** transit information + **MBTA Subway**/ **MBTA Website** request **MBTA Subway** transit traveler **LRT Vehicles** information **Operations Control** Center transit and fare schedules + transit traveler request_ transit request confirmation interactive traveler traveler request information -traveler request-**Remote Traveler** Information Service Support Provider **MBTA South Massport Website** LEGEND Station ITS interactive traveler planned and future flow **Private Traveler Kiosks** information Information existing flow **Services** user defined flow

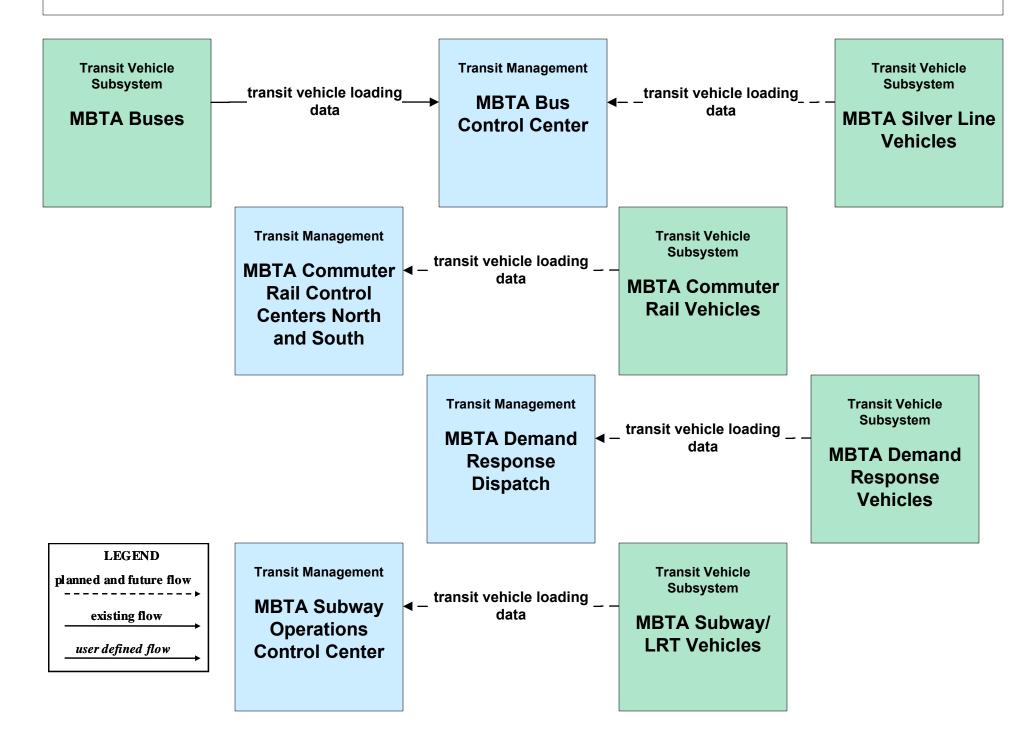
APTS09 - Transit Signal Priority BTD / MBTA Bus Priority

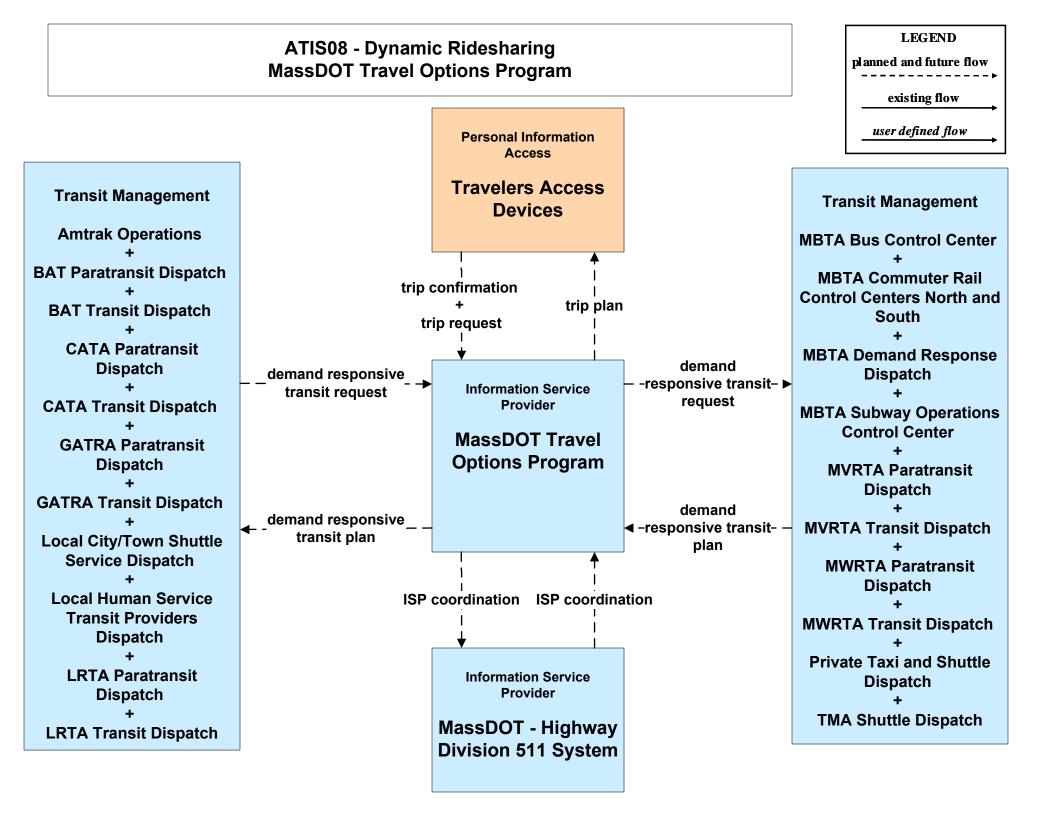


APTS09 - Transit Signal Priority BTD / MBTA Subway Priority

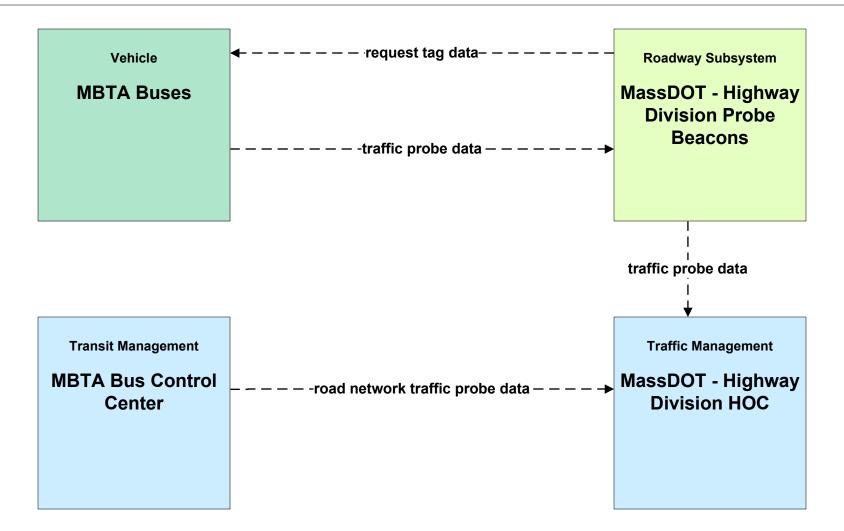


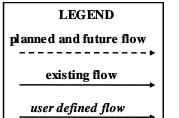
APTS10 - Transit Passenger Counting MBTA



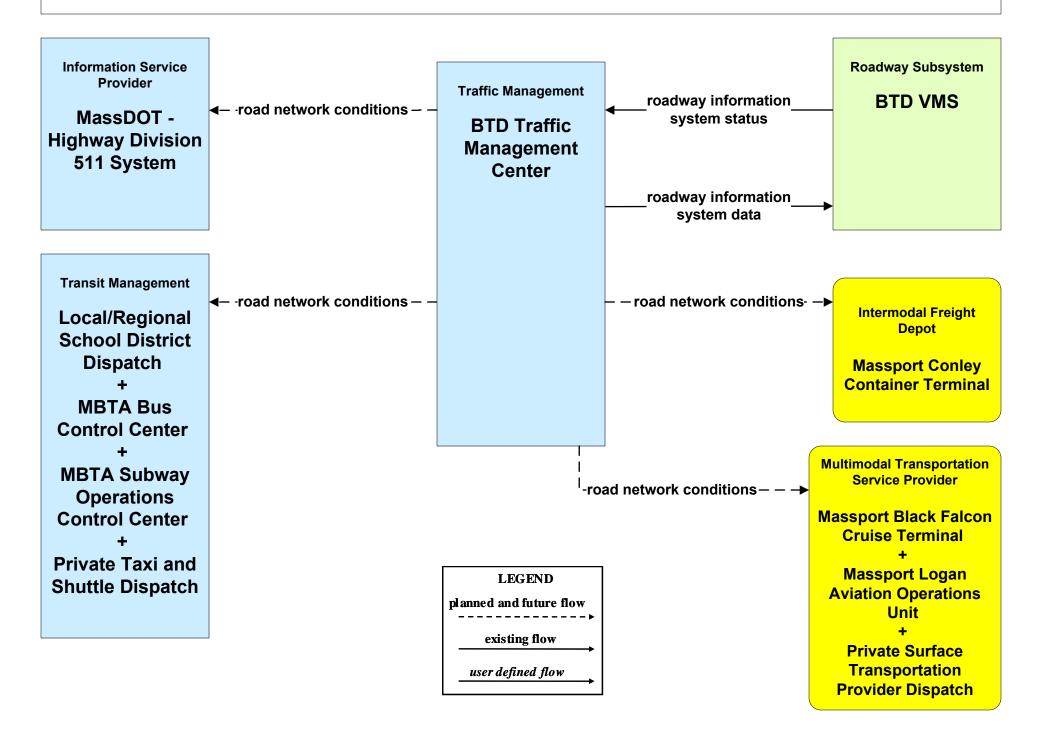


ATMS02 - Probe Surveillance MassDOT - Highway Division

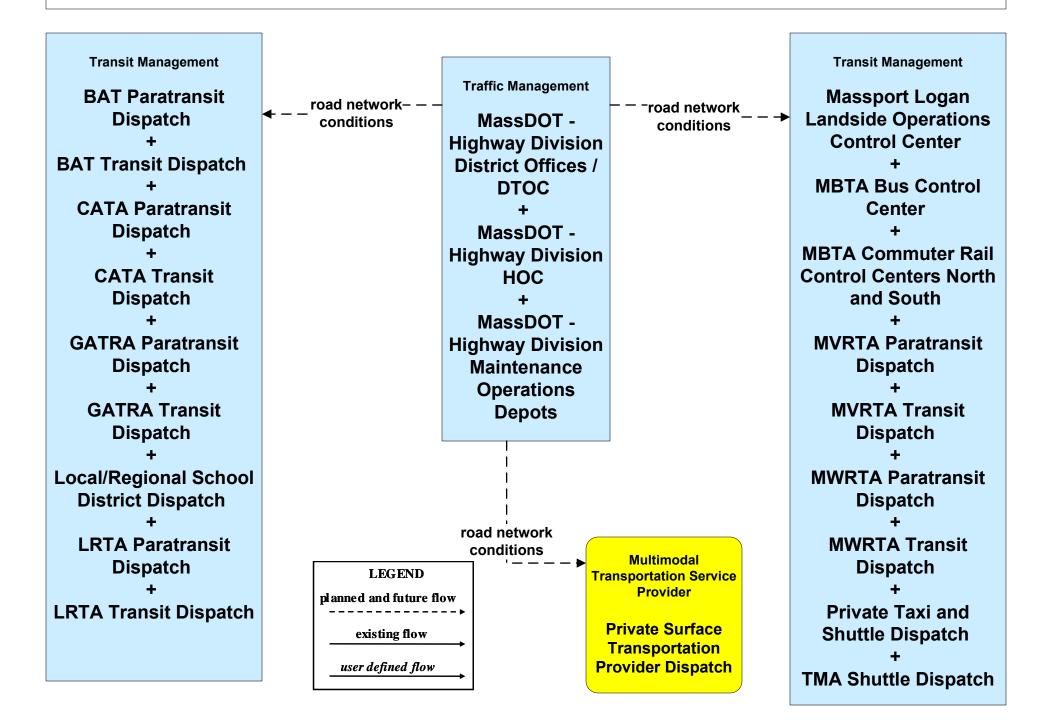




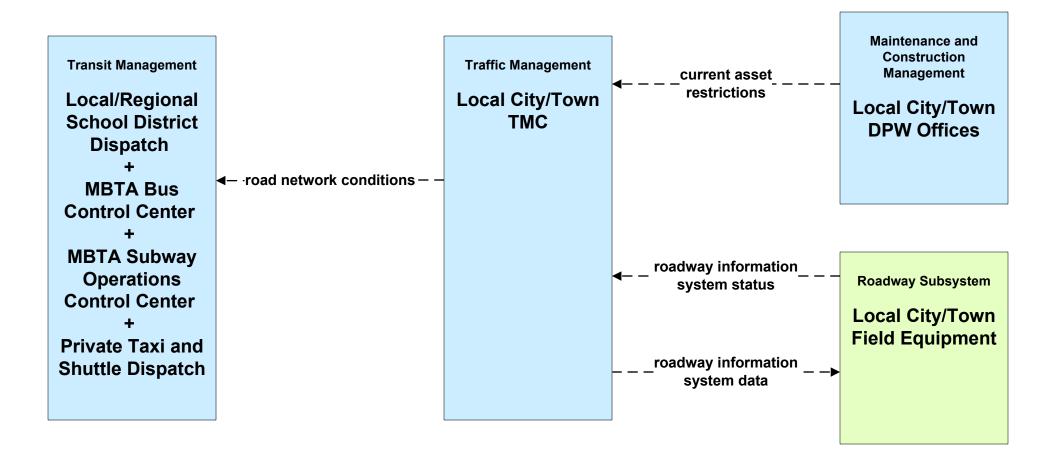
ATMS06 - Traffic Information Dissemination Boston Transportation Department

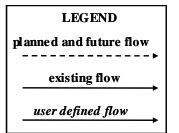


ATMS06 - Traffic Information Dissemination MassDOT - Highway Division (2 of 2)

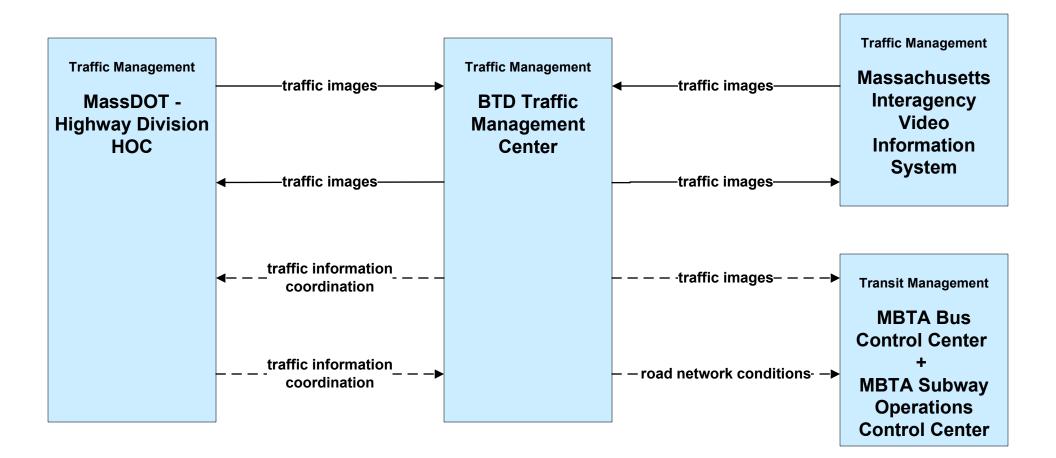


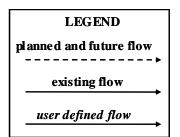
ATMS06 - Traffic Information Dissemination Local Cities/Towns (1 of 2)



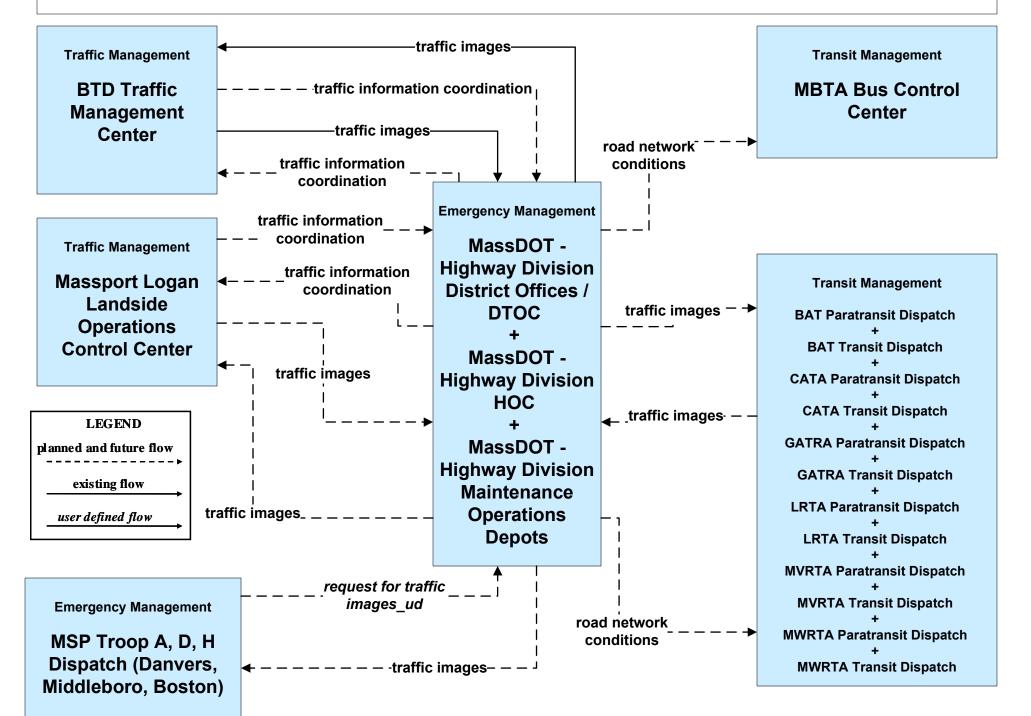


ATMS07 - Regional Traffic Control Boston Transportation Department

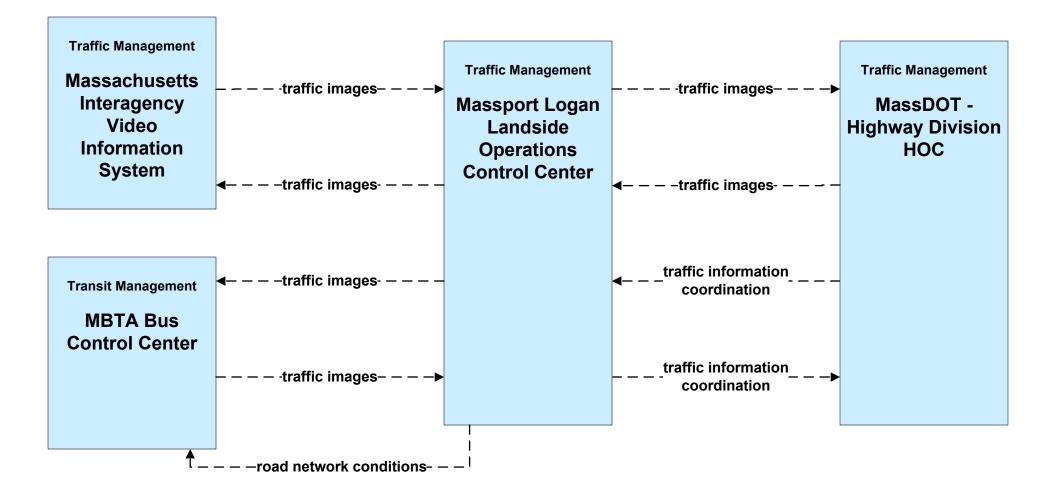


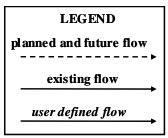


ATMS07 - Regional Traffic Control MassDOT - Highway Division (2 of 2)

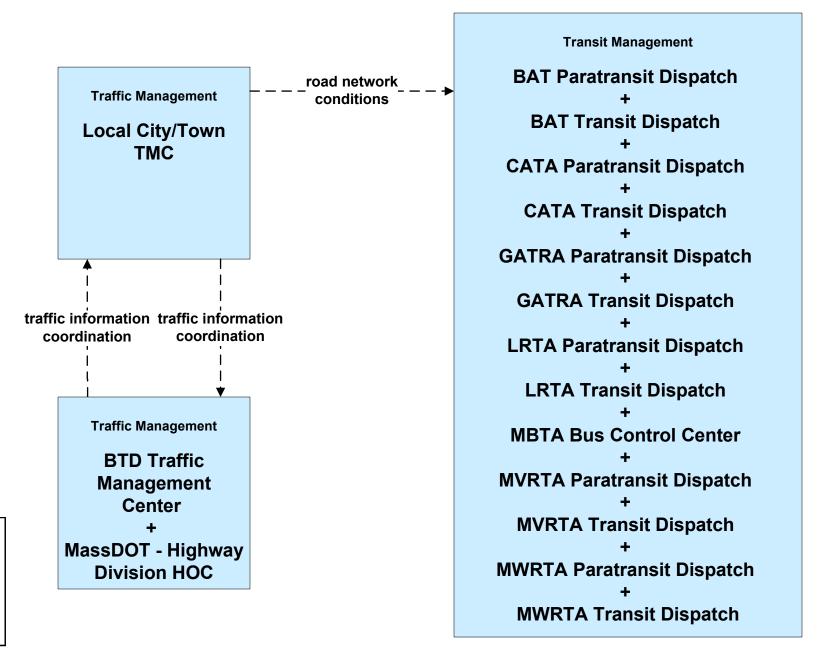


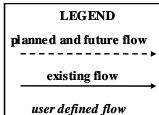
ATMS07 - Regional Traffic Control Massport



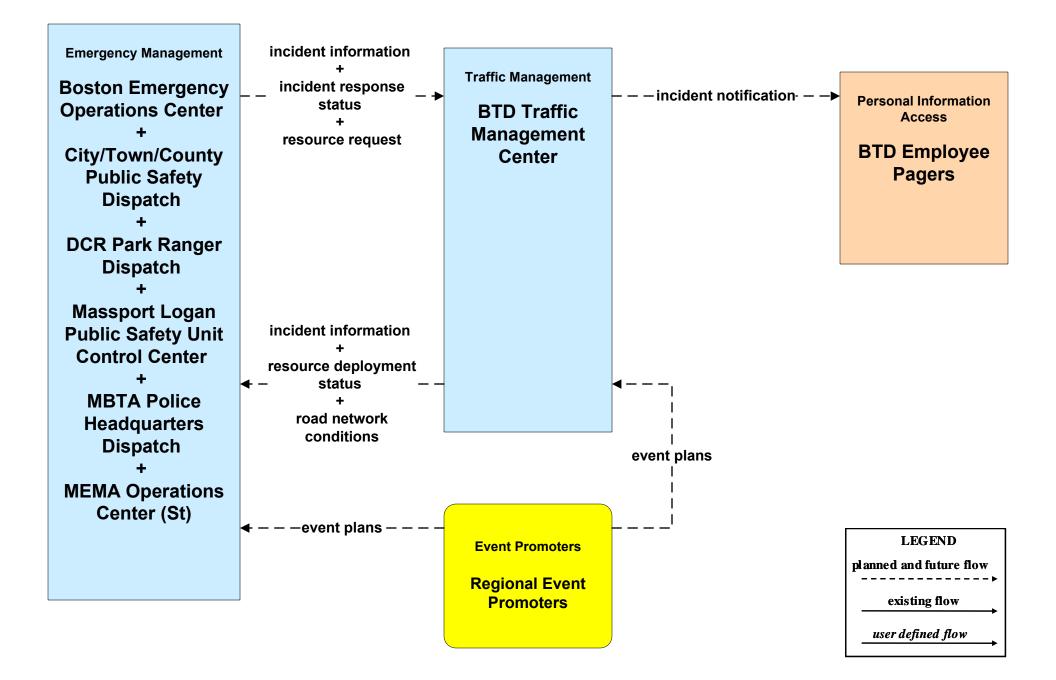


ATMS07 - Regional Traffic Control Local Cities/Towns

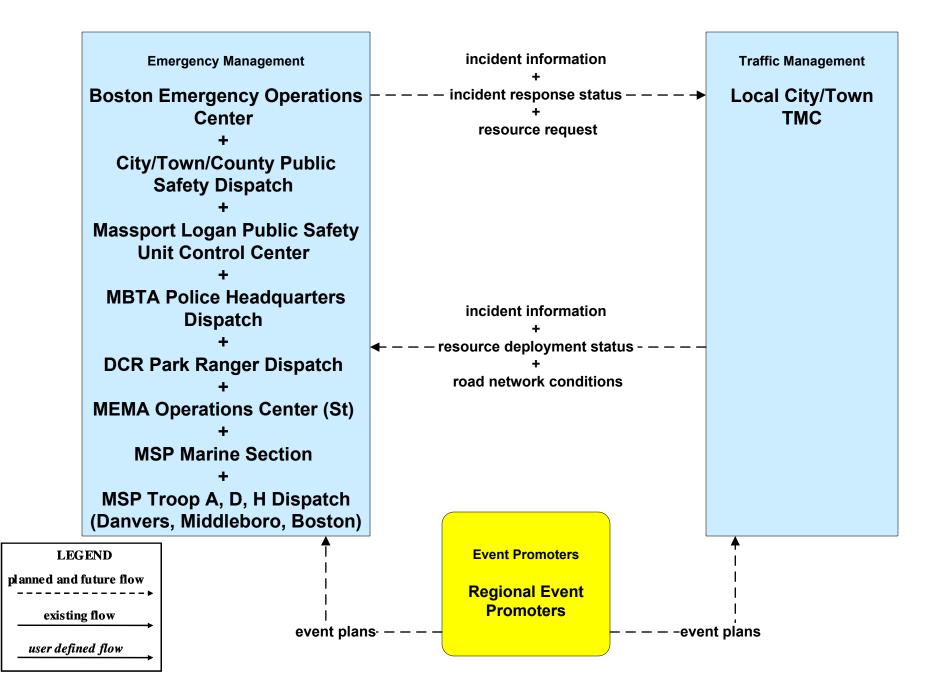




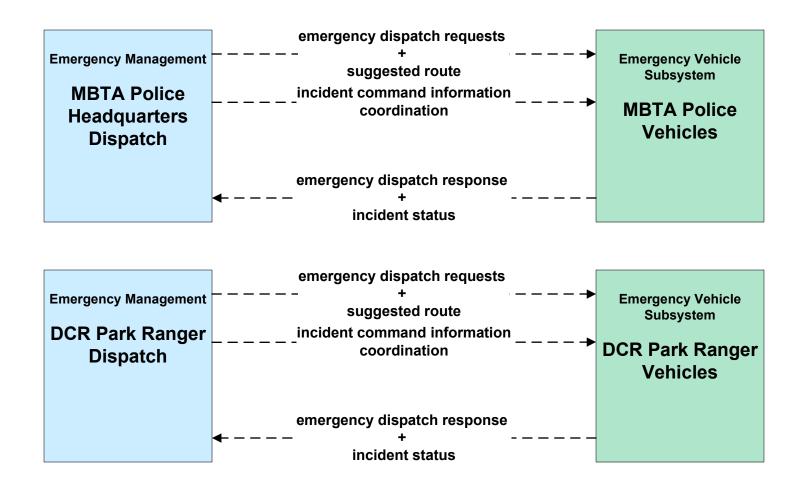
ATMS08 - Incident Management Boston Transportation Department (TM/EM)

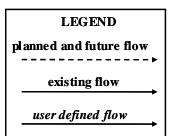


ATMS08 - Incident Management Local Cities/Towns (TM/EM)

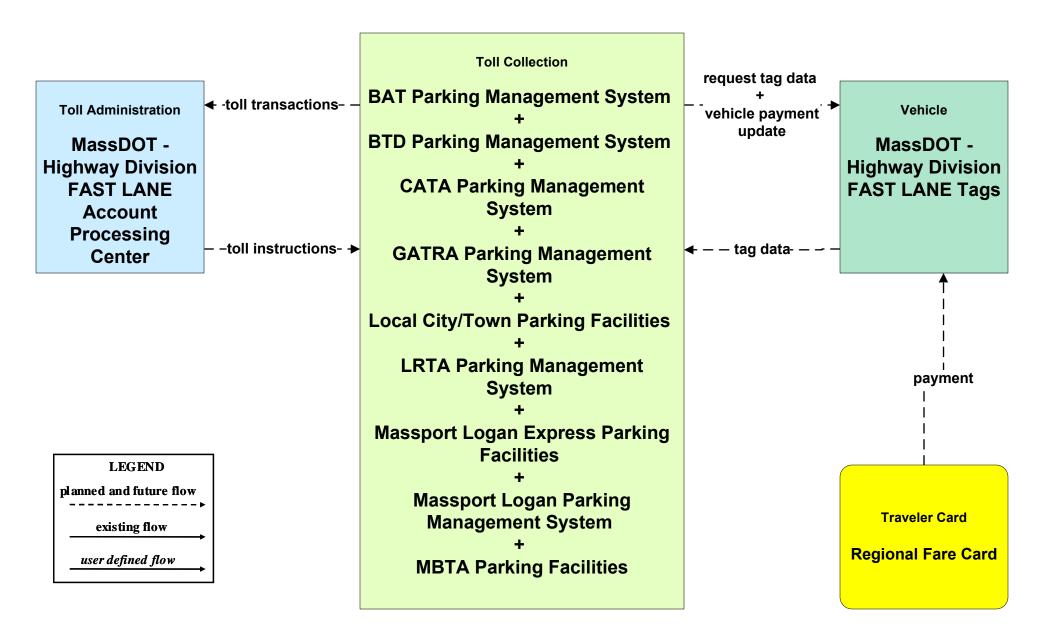


ATMS08 - Incident Management MBTA and DCR (EM/EV)

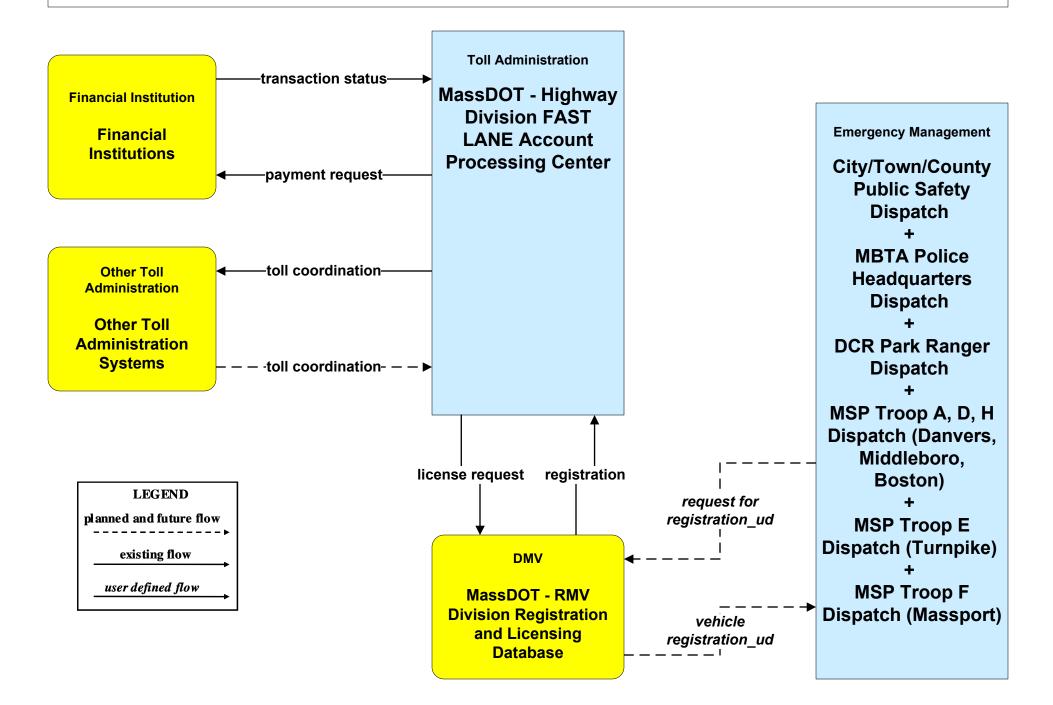




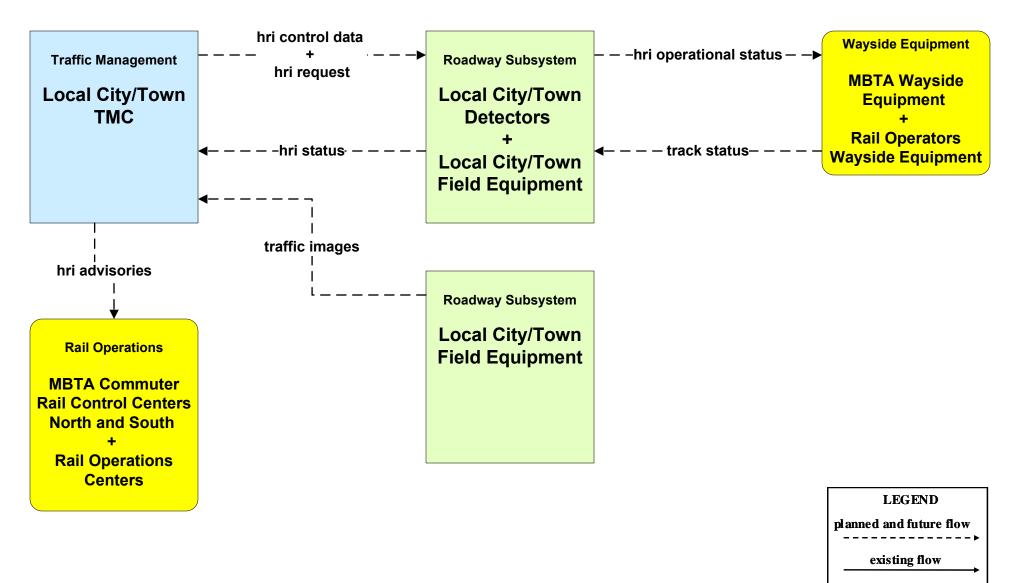
ATMS10 - Electronic Toll Collection MassDOT - Highway Division (2 of 3)



ATMS10 - Electronic Toll Collection MassDOT - Highway Division (3 of 3)

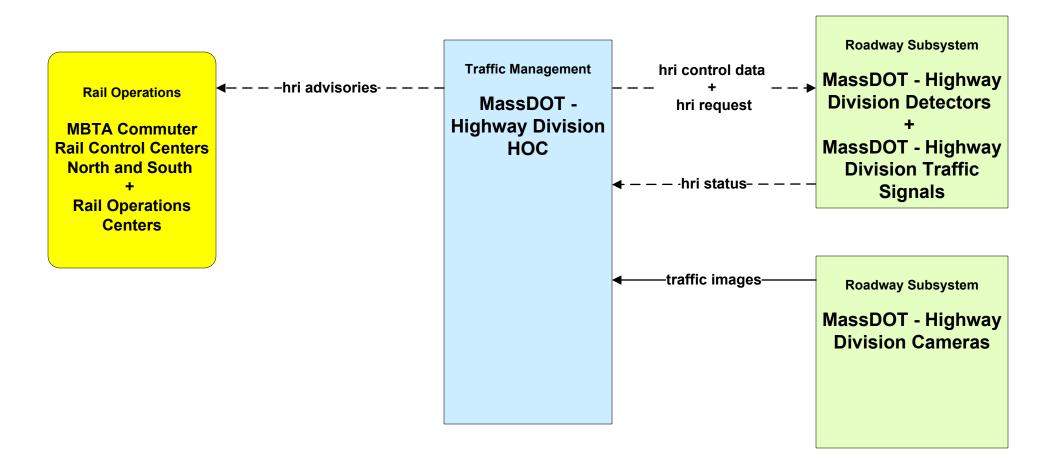


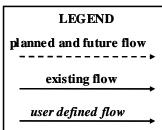
ATMS13 - Standard Railroad Crossing Local Cities/Towns



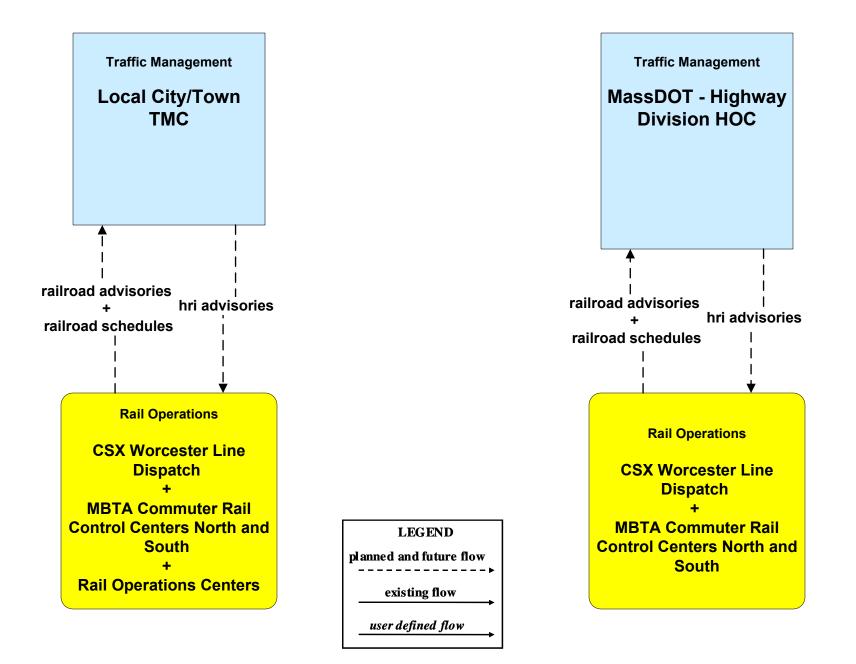
user defined flow

ATMS13 - Standard Railroad Crossing MassDOT - Highway Division

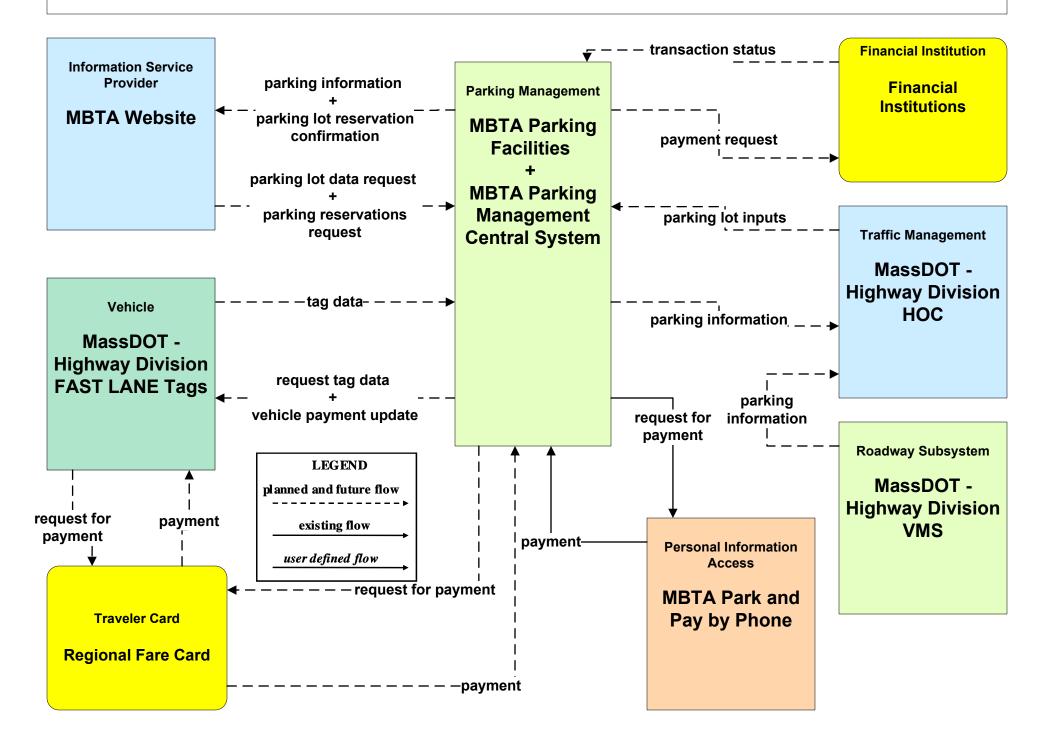




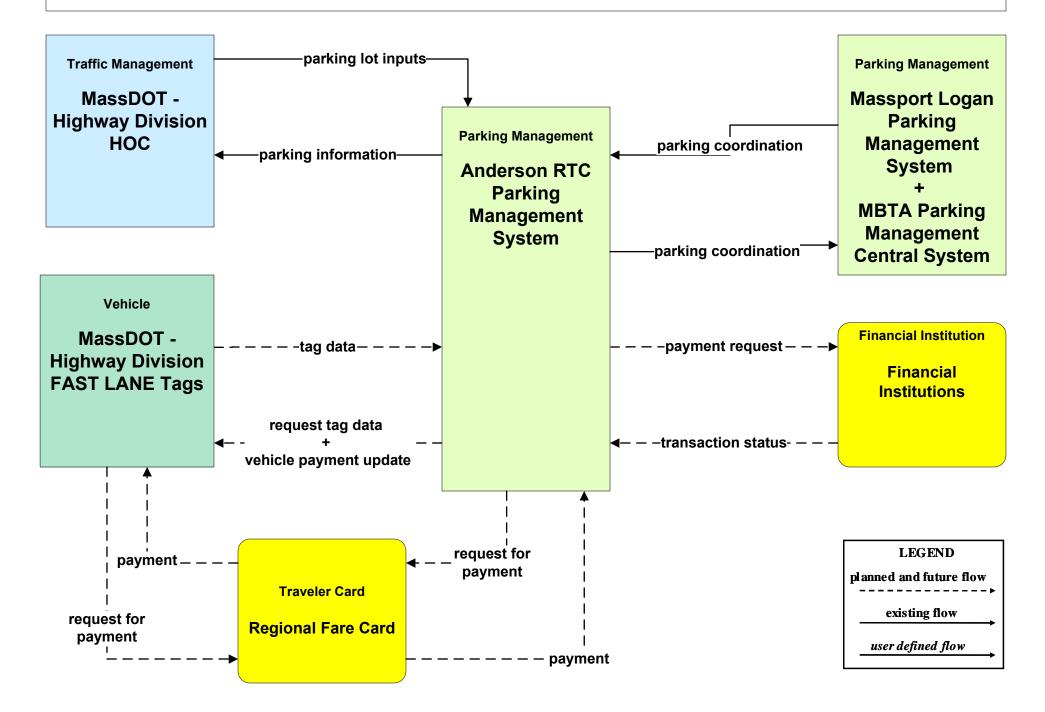
ATMS15 - Railroad Operations Coordination MassDOT - Highway Division and Local Cities/Towns



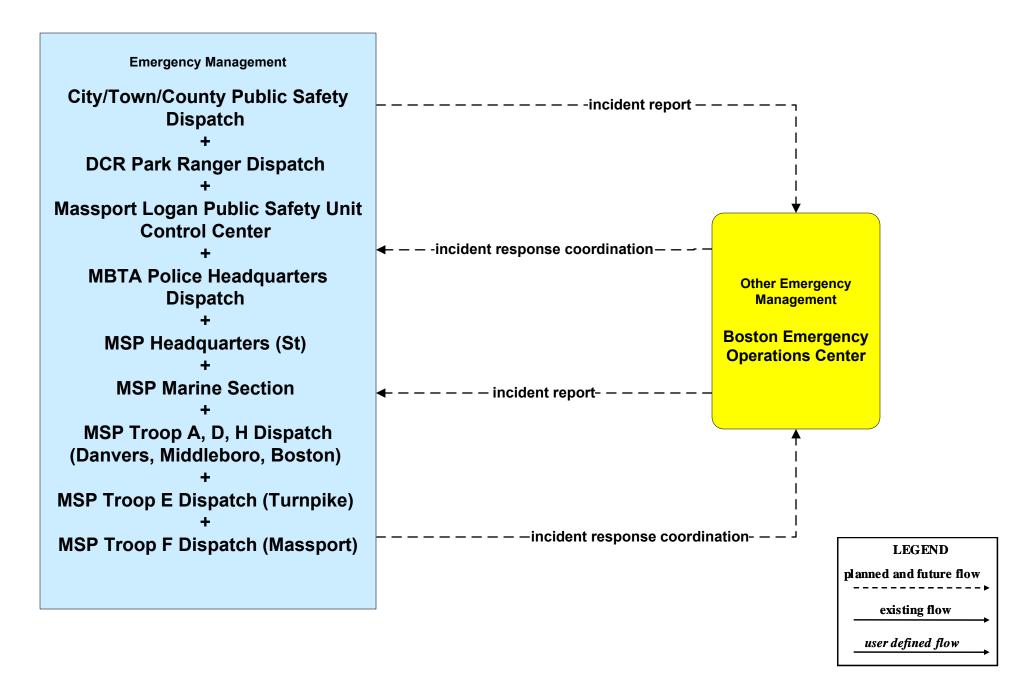
ATMS16 - Parking Facility Management MBTA Parking Management System



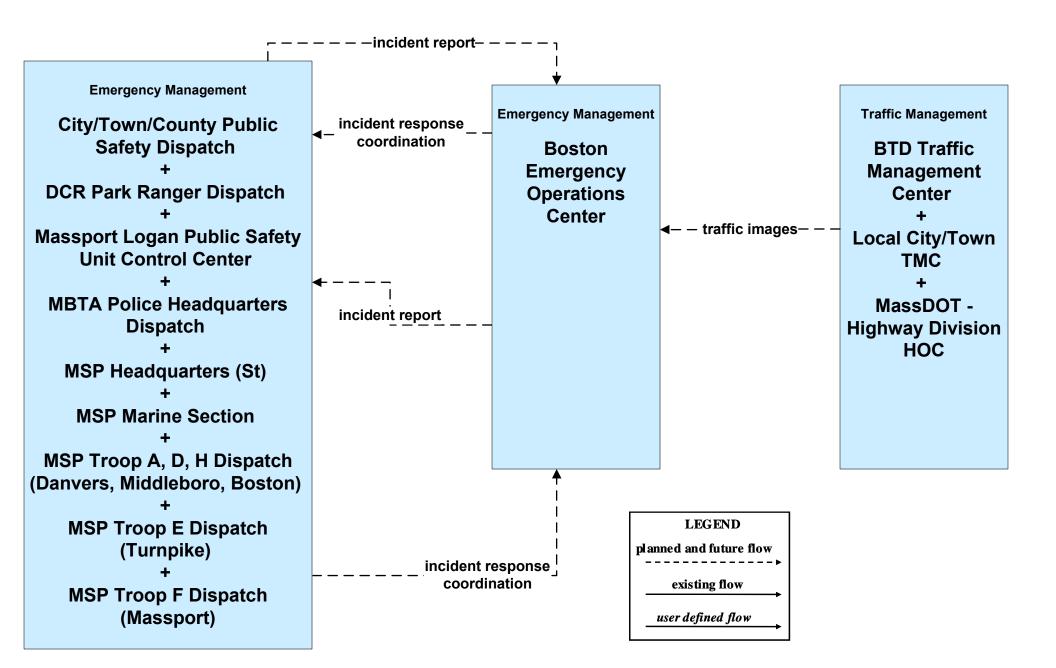
ATMS16 - Parking Facility Management Anderson RTC Parking Management System



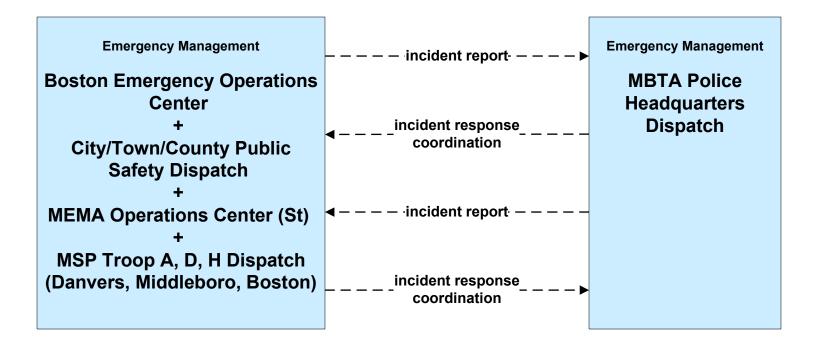
EM01 - Emergency Response Coordination PSNA Network

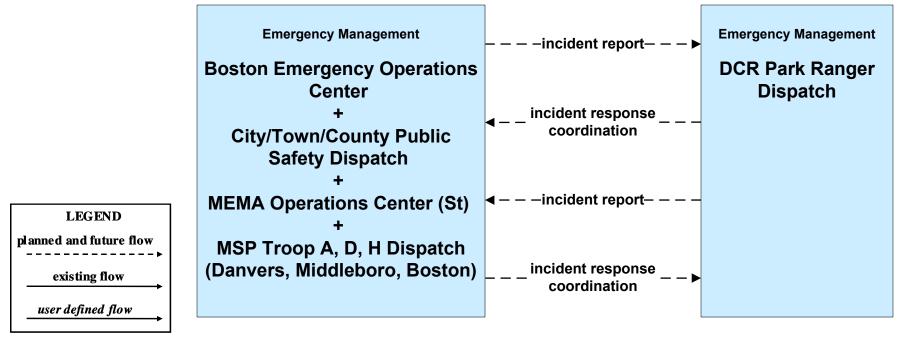


EM01 - Emergency Response Coordination Boston Emergency Operations Center

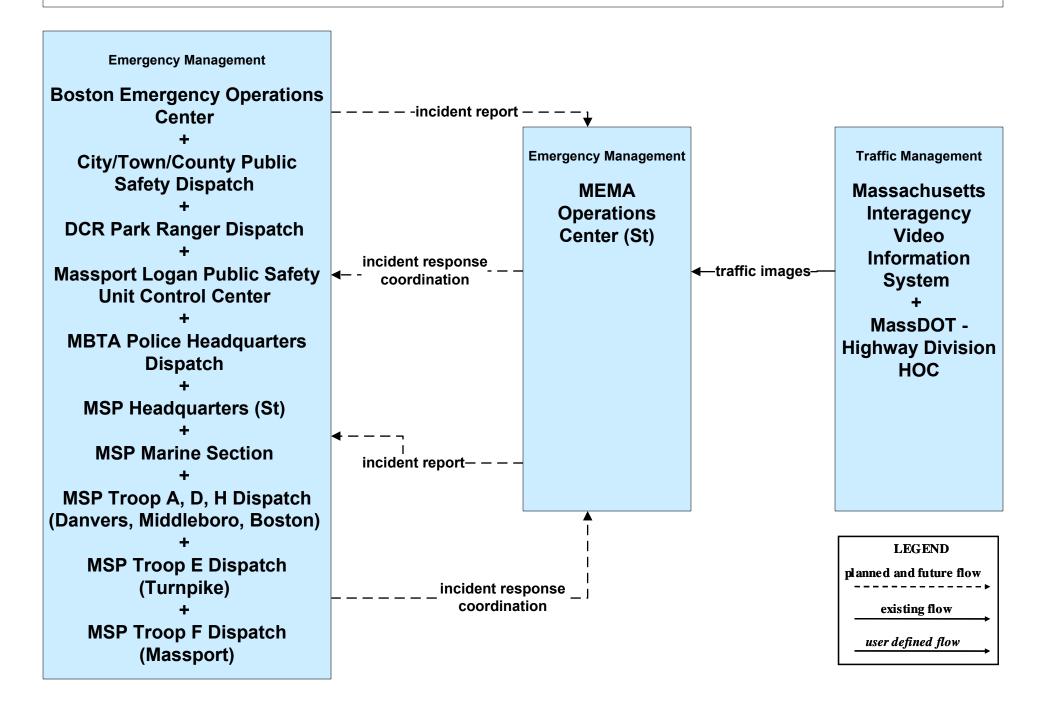


EM01 - Emergency Response Coordination MBTA and DCR Dispatch

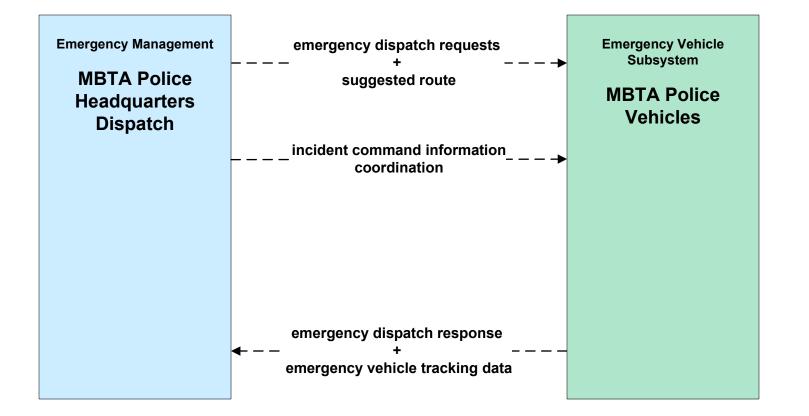


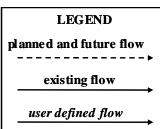


EM01 - Emergency Response Coordination MEMA

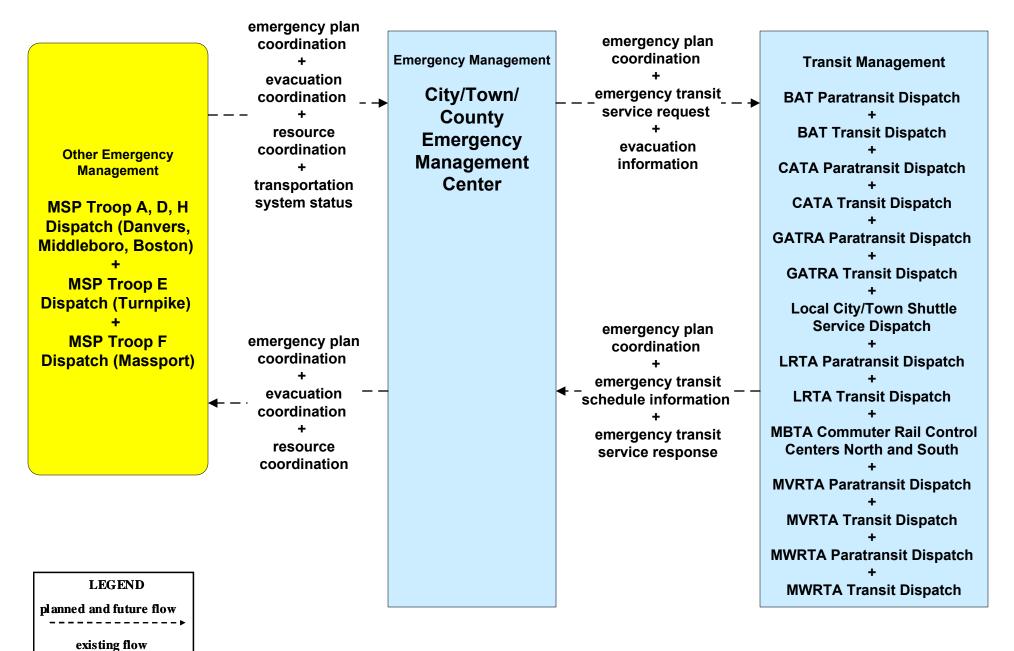


EM02 - Emergency Routing MBTA





EM08 - Disaster Response City/Town/County Emergency Management Center (2 of 2)

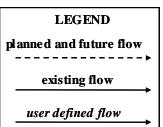


existing now

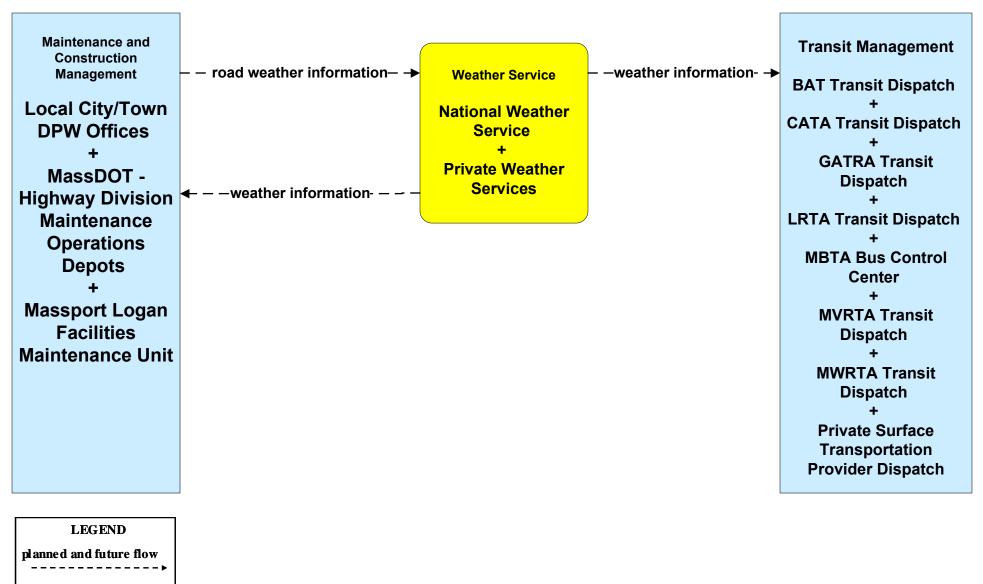
user defined flow

EM09 - Evacuation and Reentry Management City/Town/County Emergency Management Center (2 of 2)





MC04 - Weather Information Processing and Distribution Private and National Weather Services (1 of 2)



existing flow

user defined flow