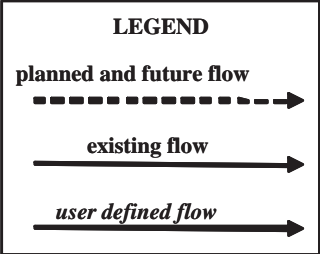
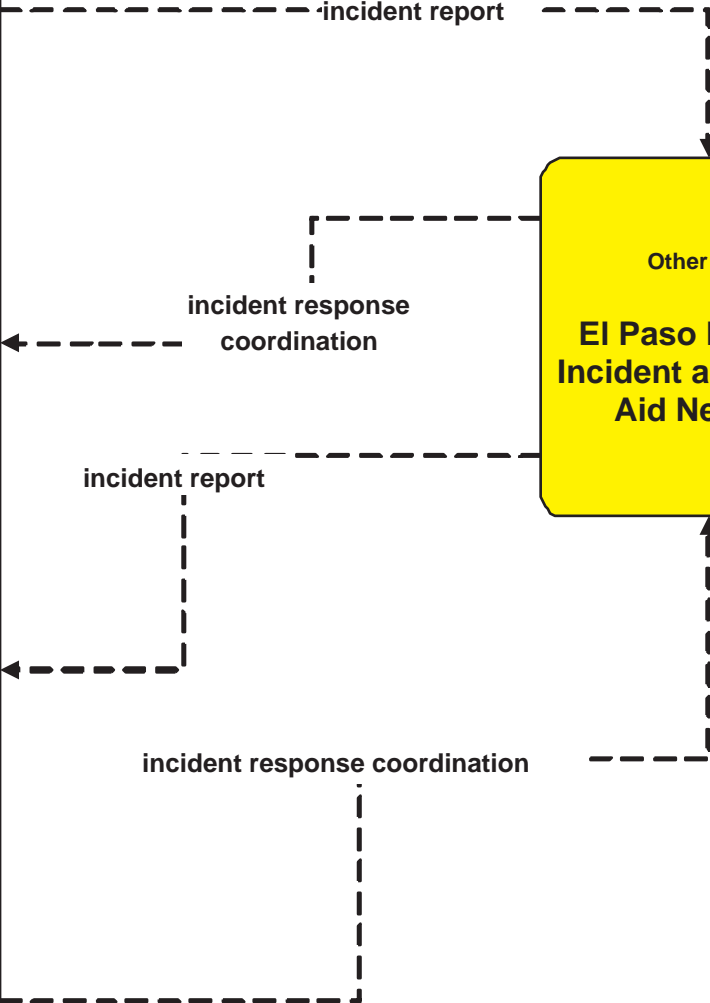
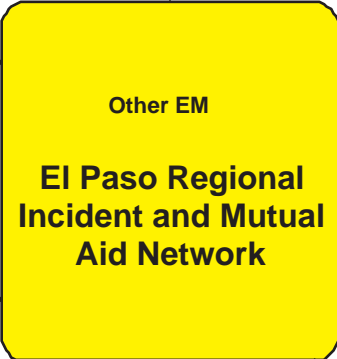
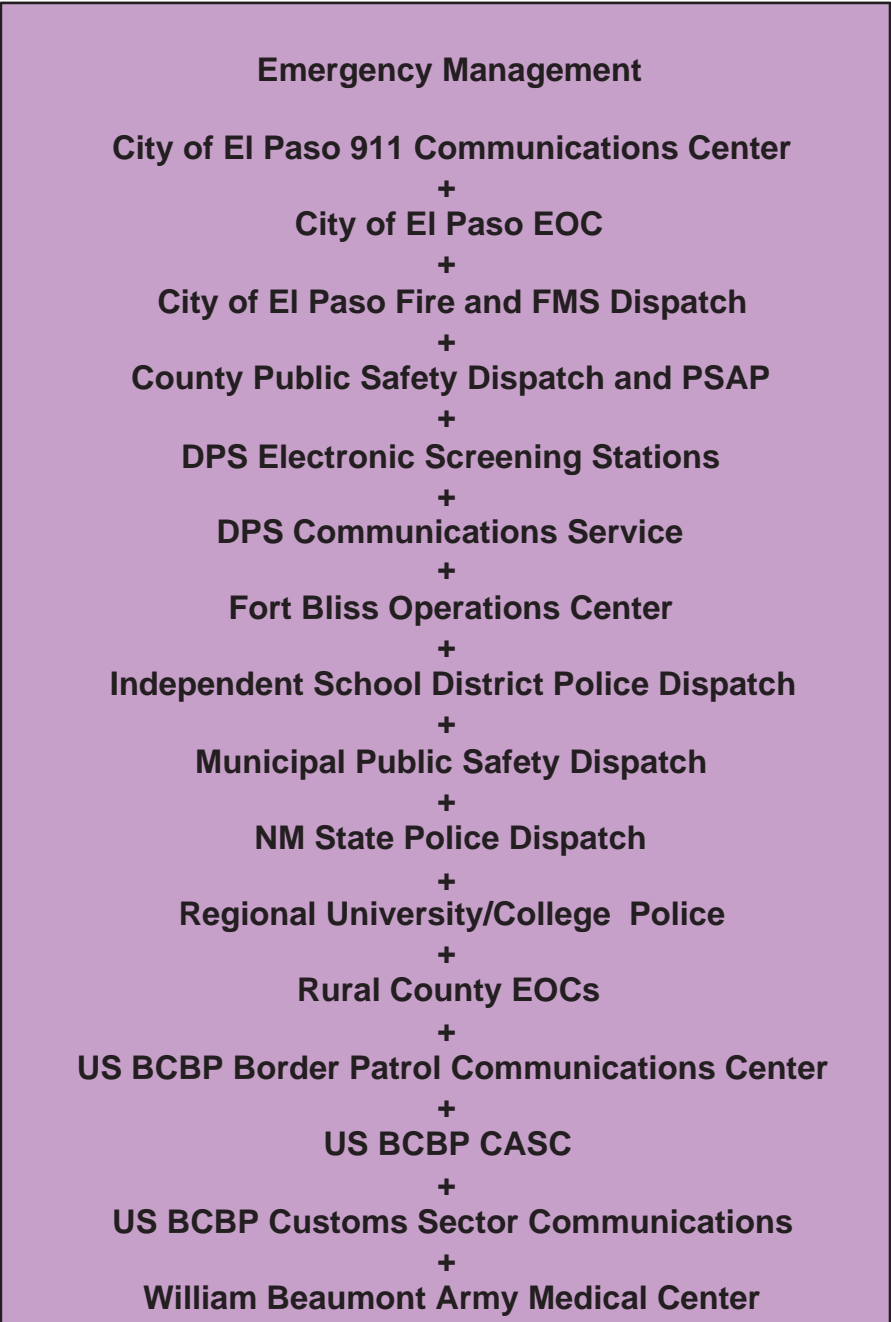


El Paso Regional ITS Architecture

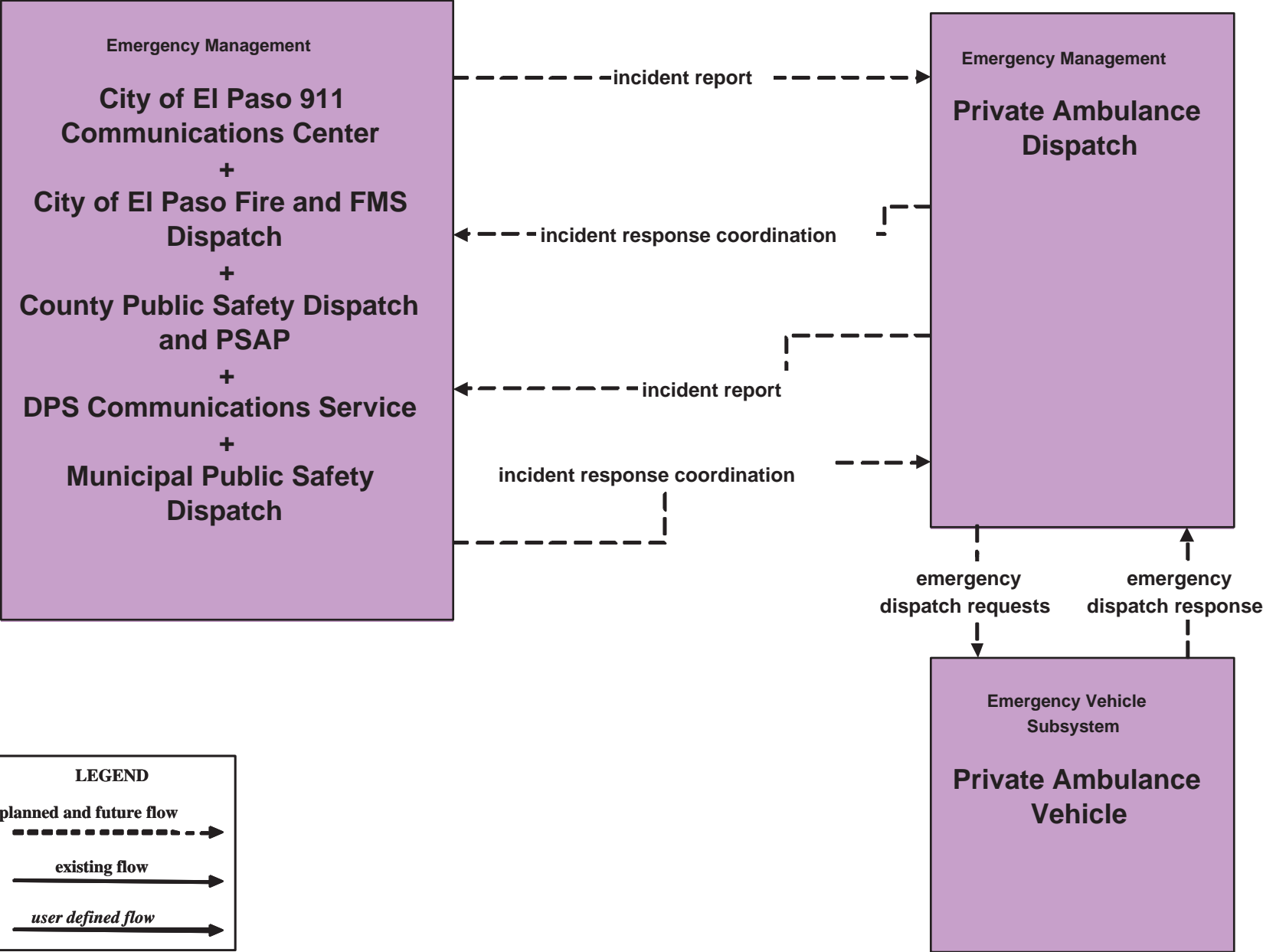
Customized Market Package Diagrams

Emergency Management (EM)

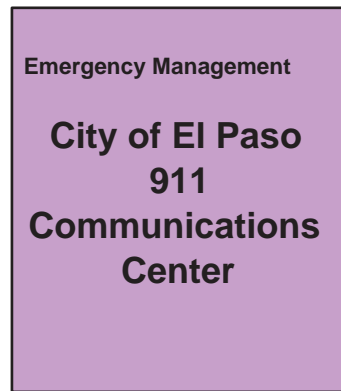
EM1 - Emergency Response Coordination



**EM1 - Emergency Response Coordination
Private Ambulance Dispatch**



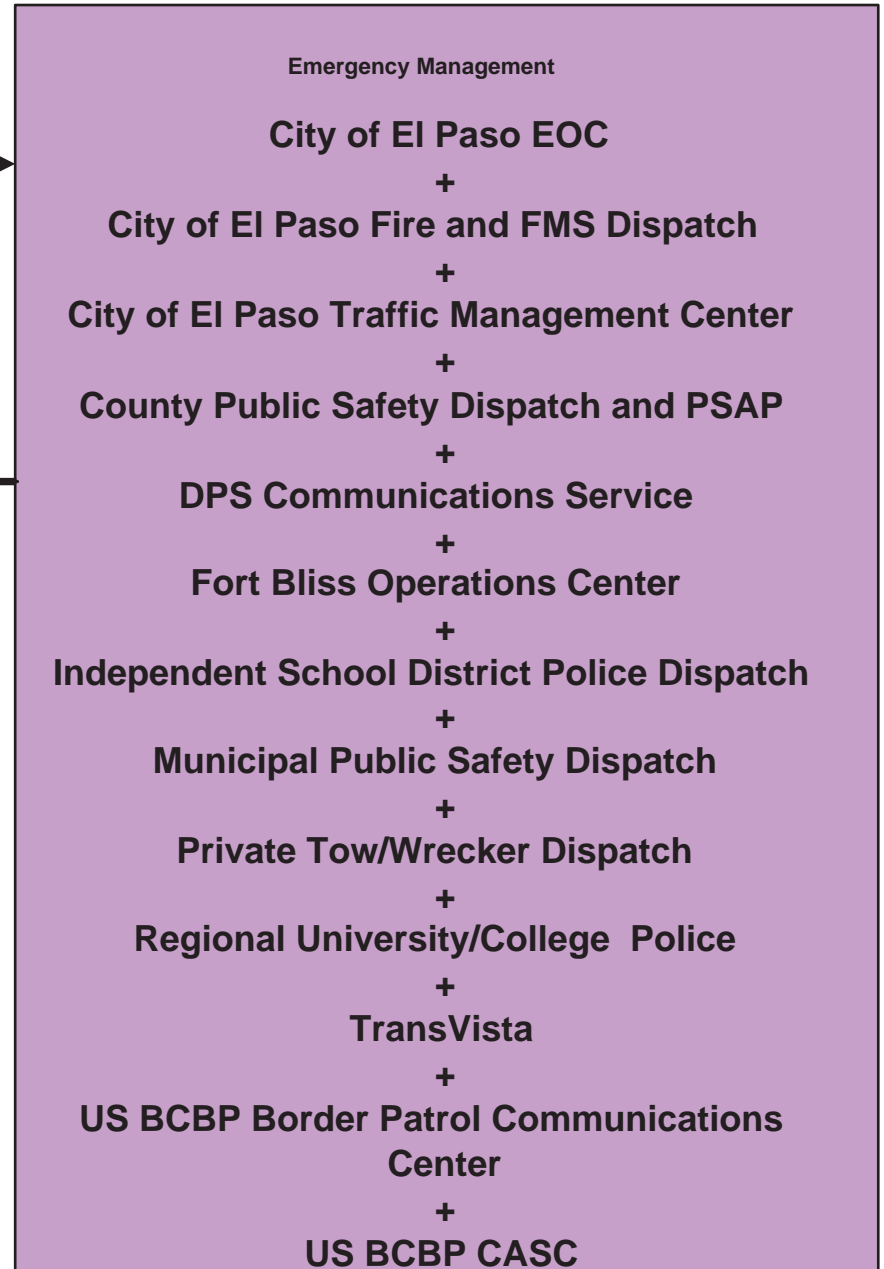
**EM1 - Emergency Response
City of El Paso (1 of 3)**



incident report
+
incident response coordination



incident report
+
incident response coordination



LEGEND

planned and future flow



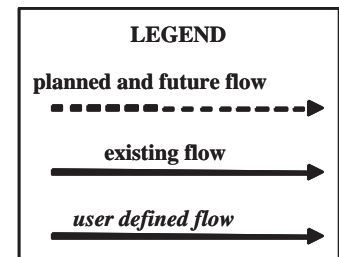
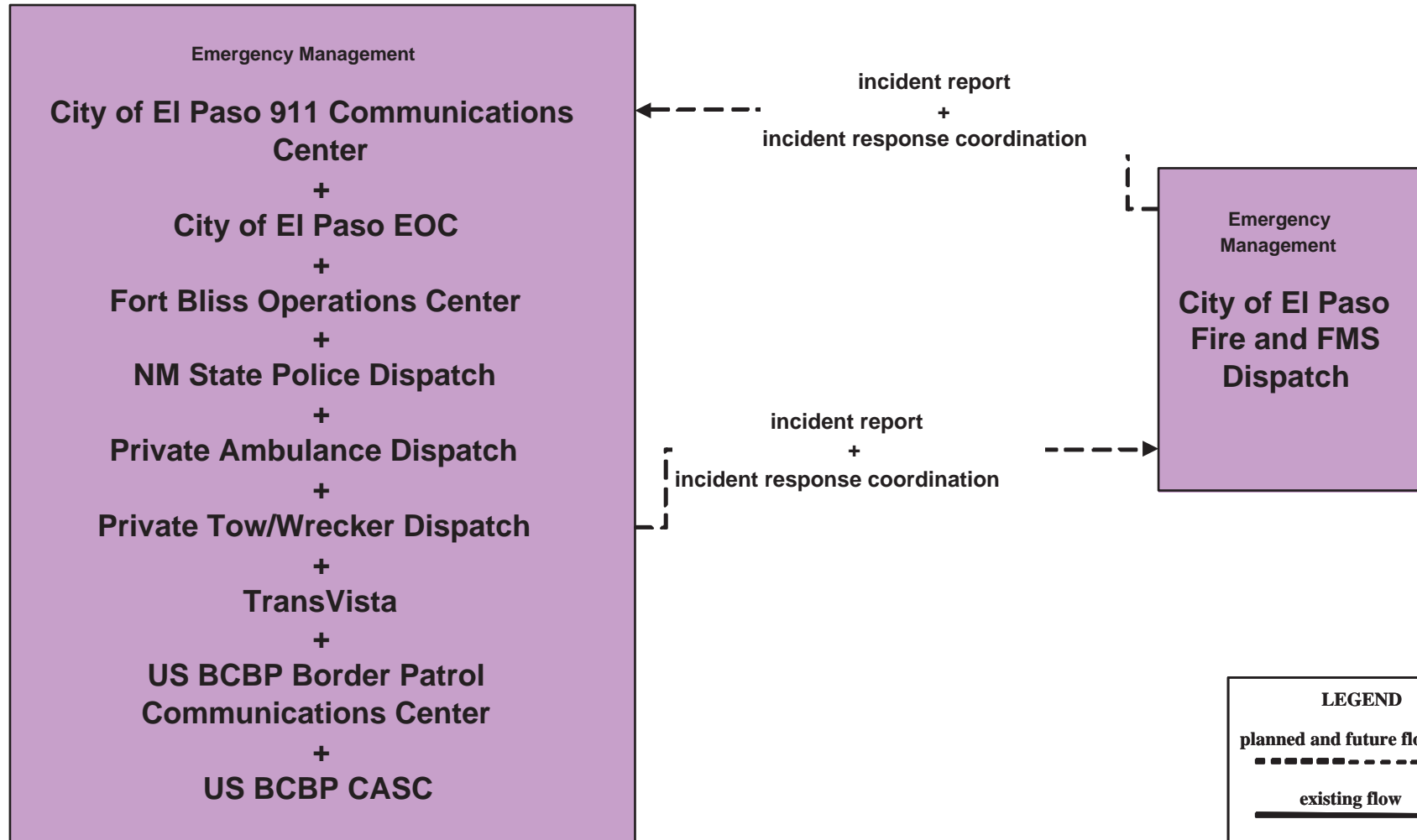
existing flow



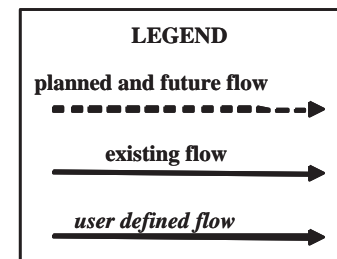
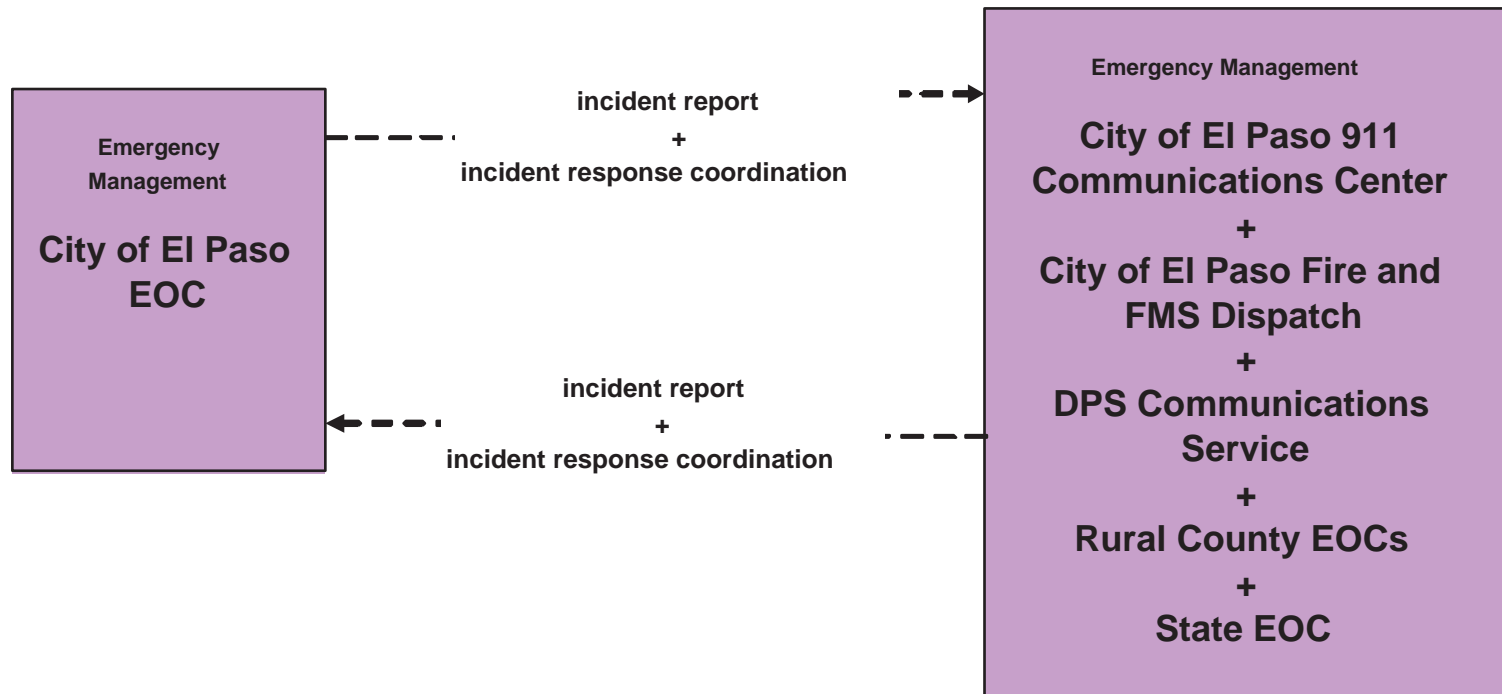
user defined flow



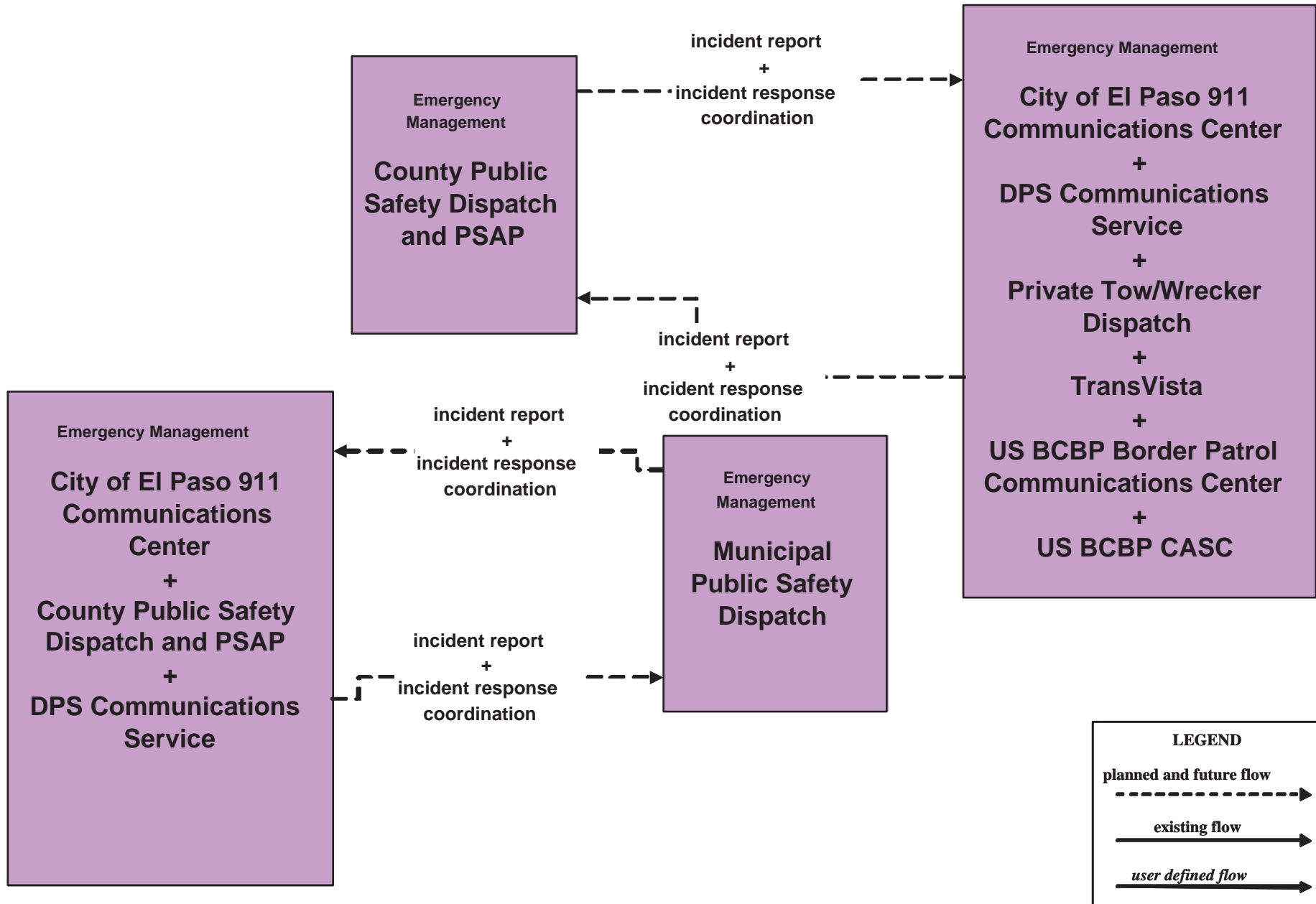
**EM1 - Emergency Response
City of El Paso (2 of 3)**



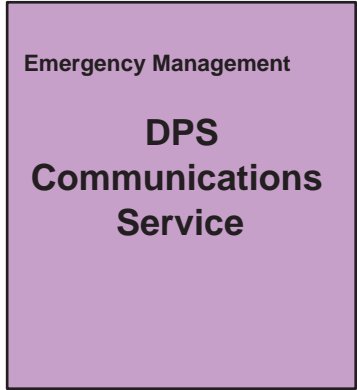
**EM1 - Emergency Response
City of El Paso (3 of 3)**



**EM1 - Emergency Response
County/ Municipal Public Safety Dispatch**

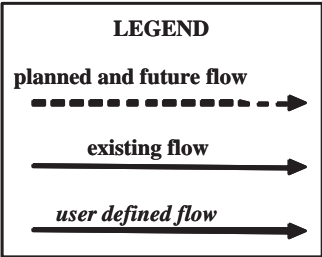
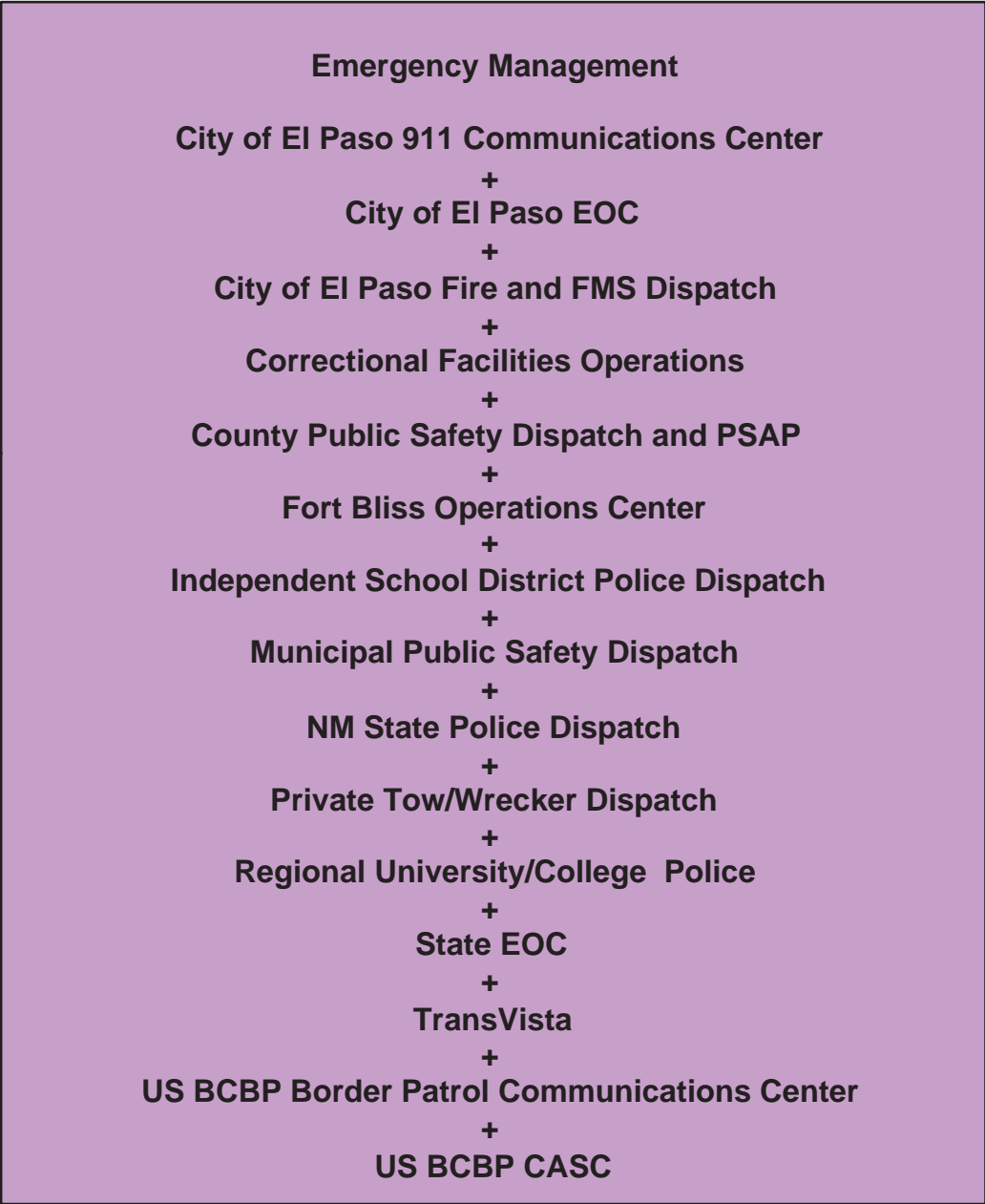


**EM1 - Emergency Response
DPS Communications Service**

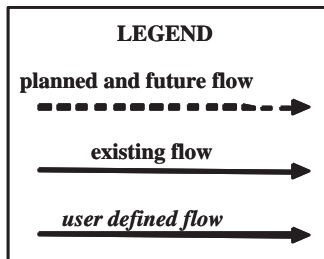
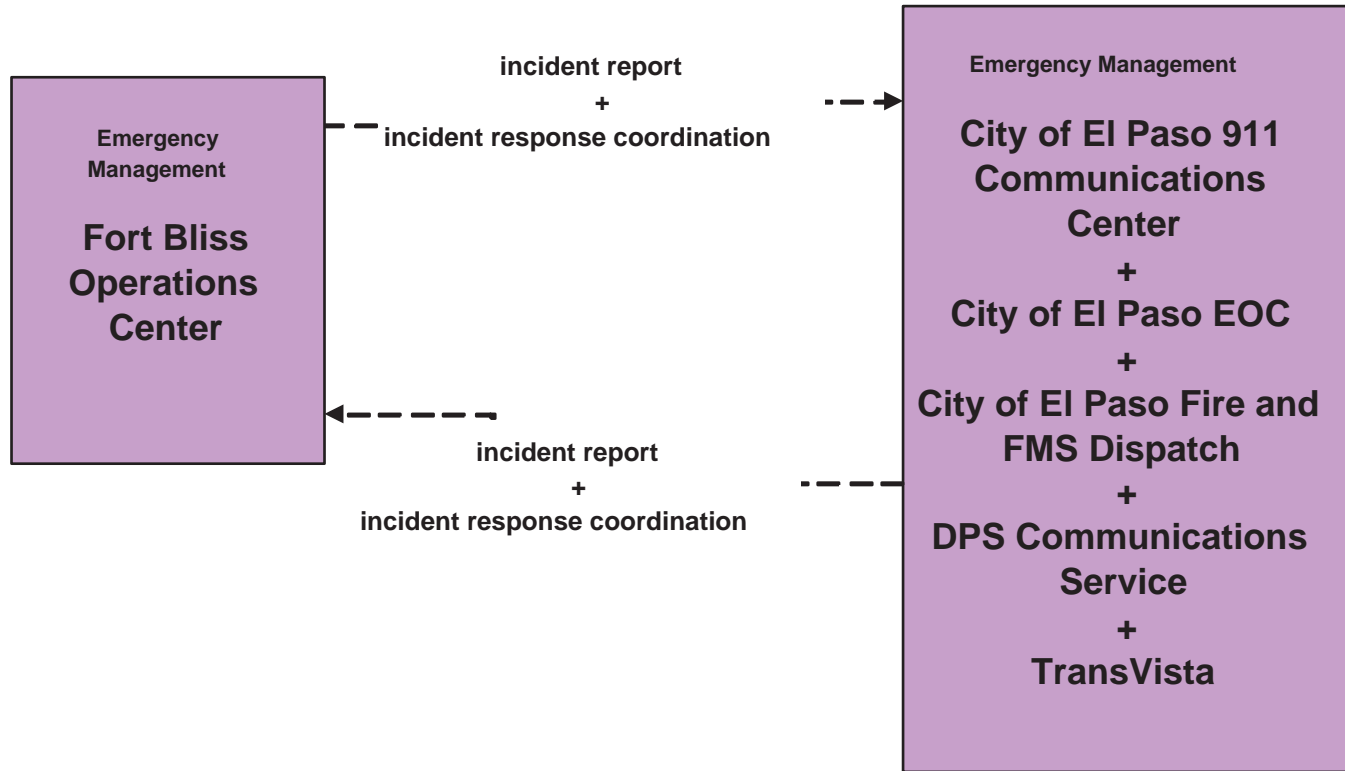


incident report
+
incident response
coordination

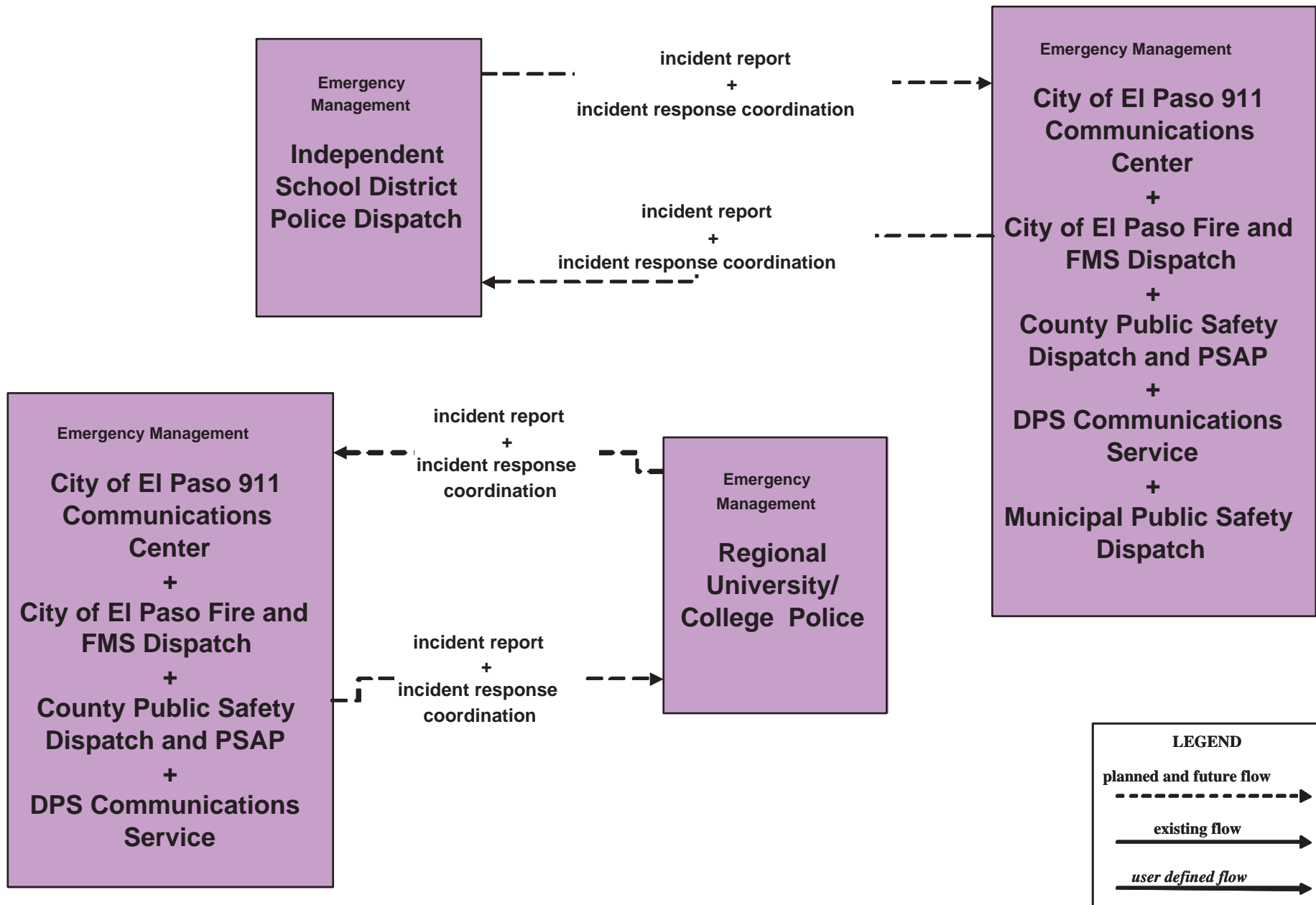
incident report
+
incident response
coordination



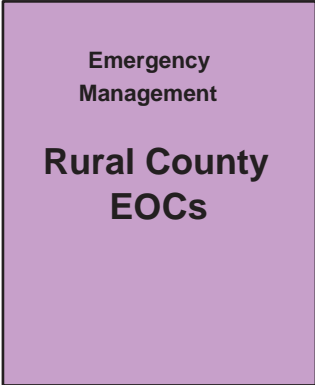
**EM1 - Emergency Response
Fort Bliss Operations Center**



**EM1 - Emergency Response
School/ University/ College Police**



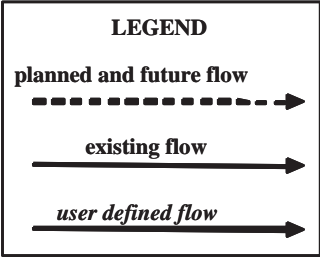
**EM1 - Emergency Response
Rural County EOCs**



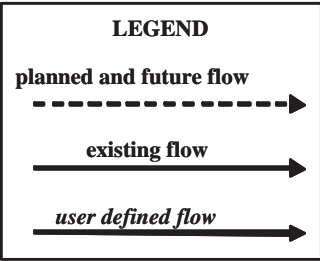
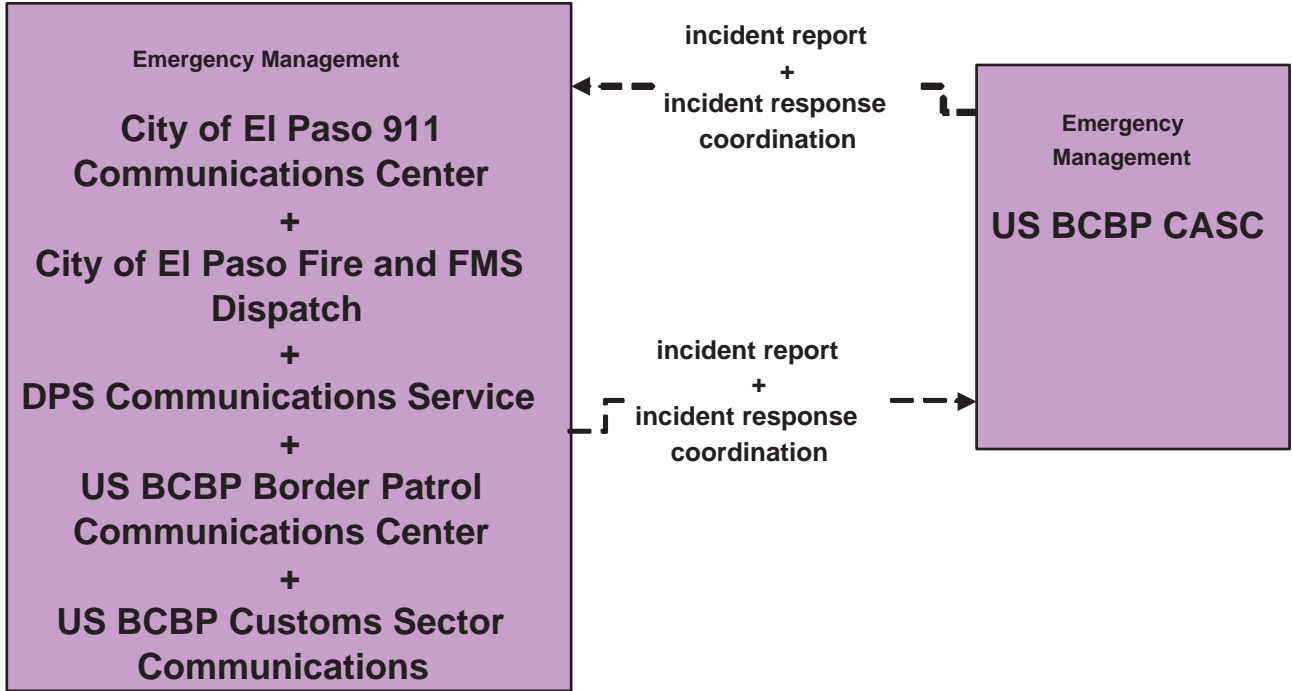
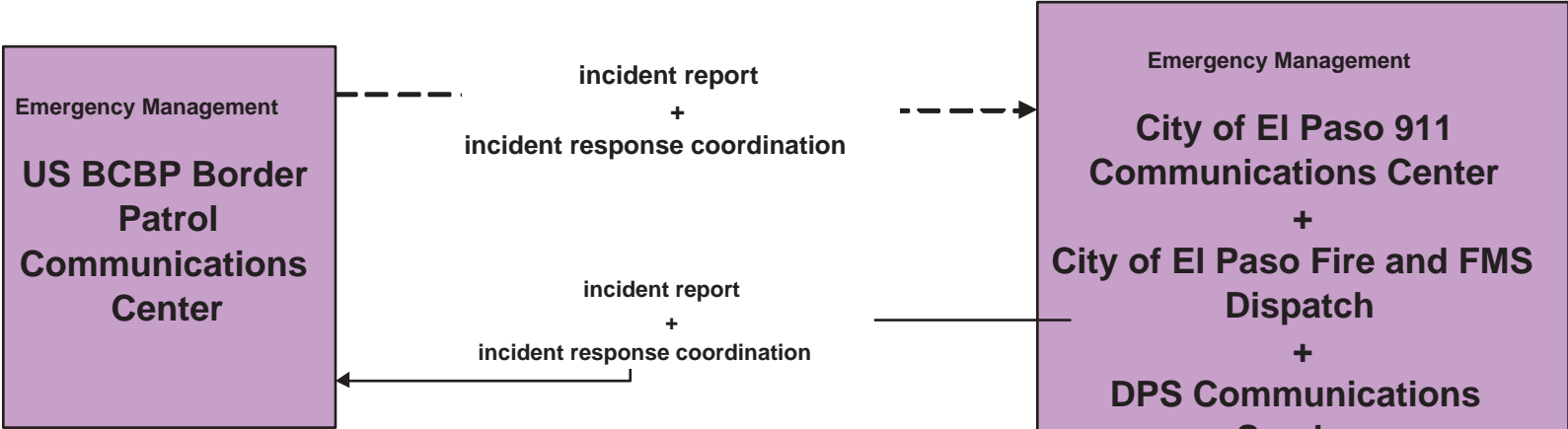
incident report
+
incident response coordination



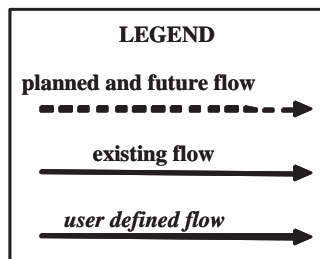
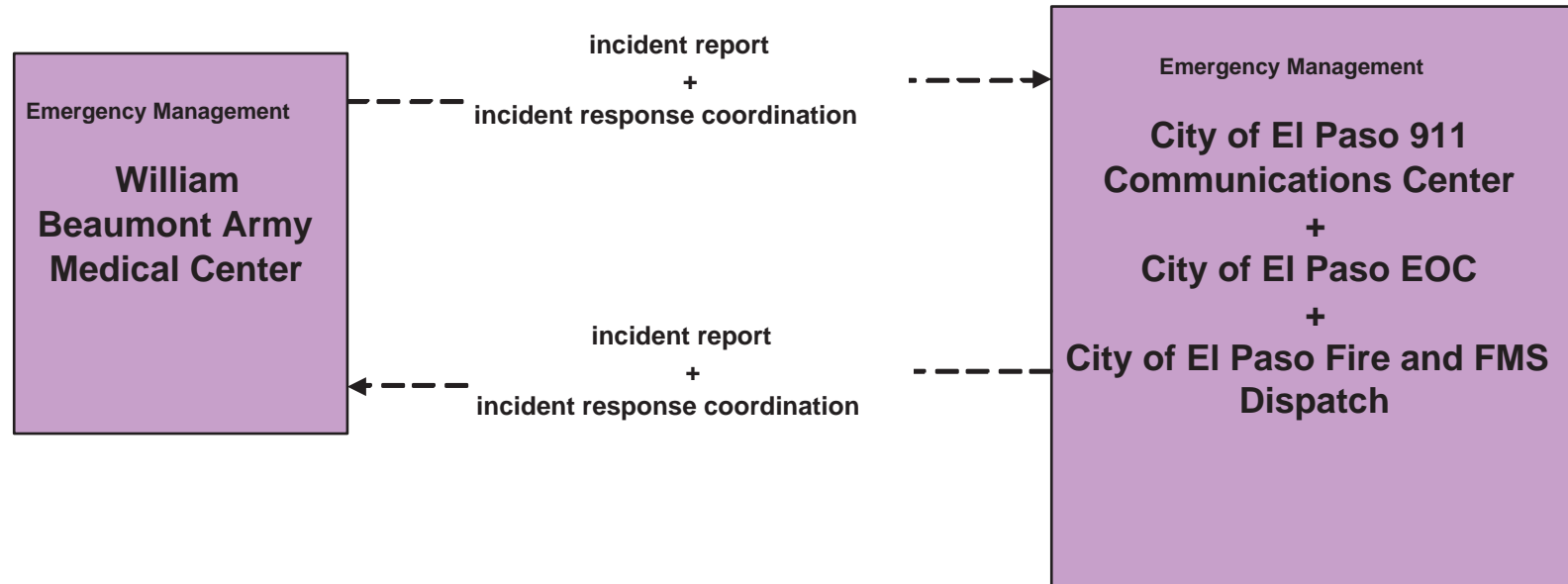
incident report
+
incident response coordination



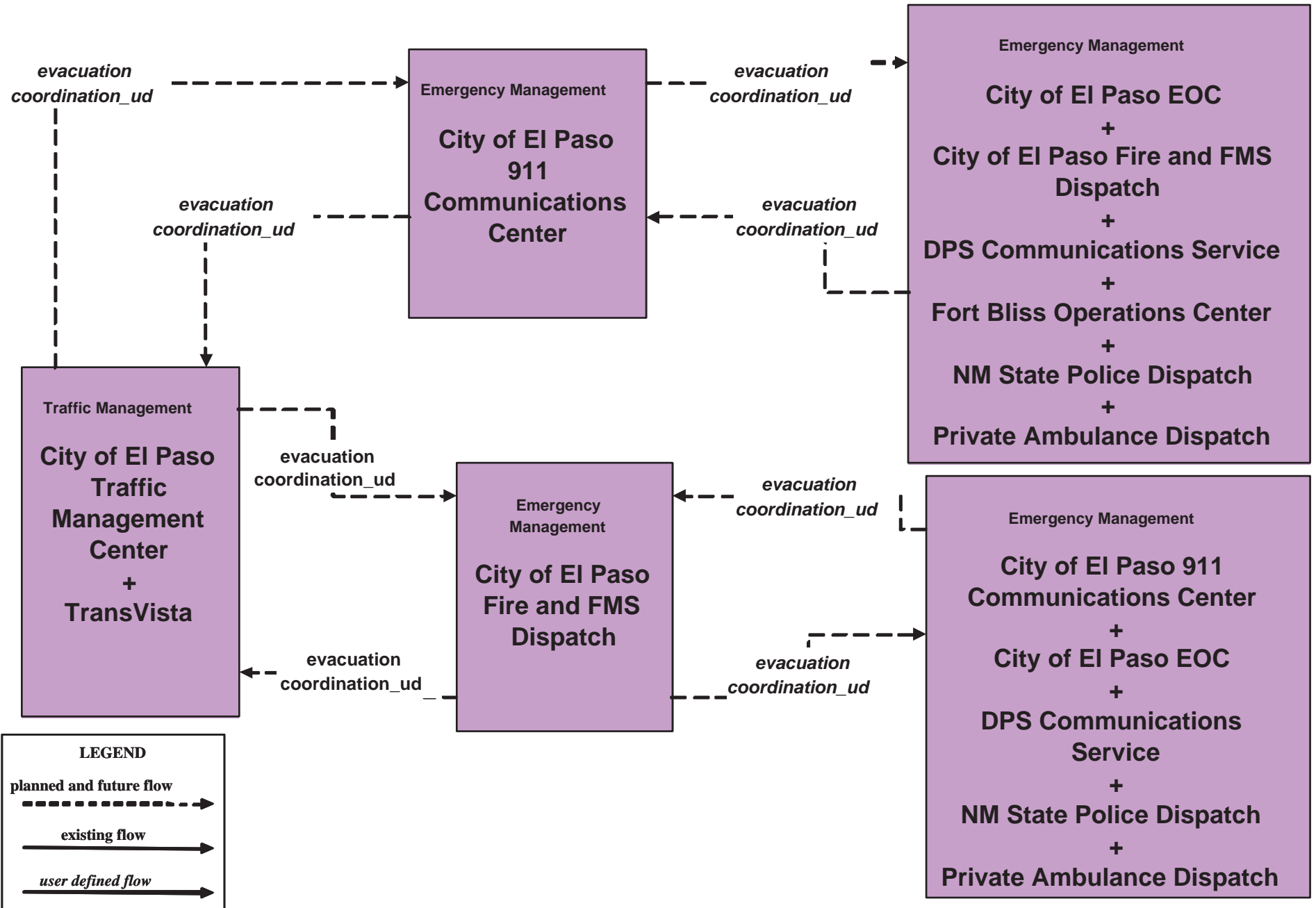
**EM1 - Emergency Response
US BCBP**



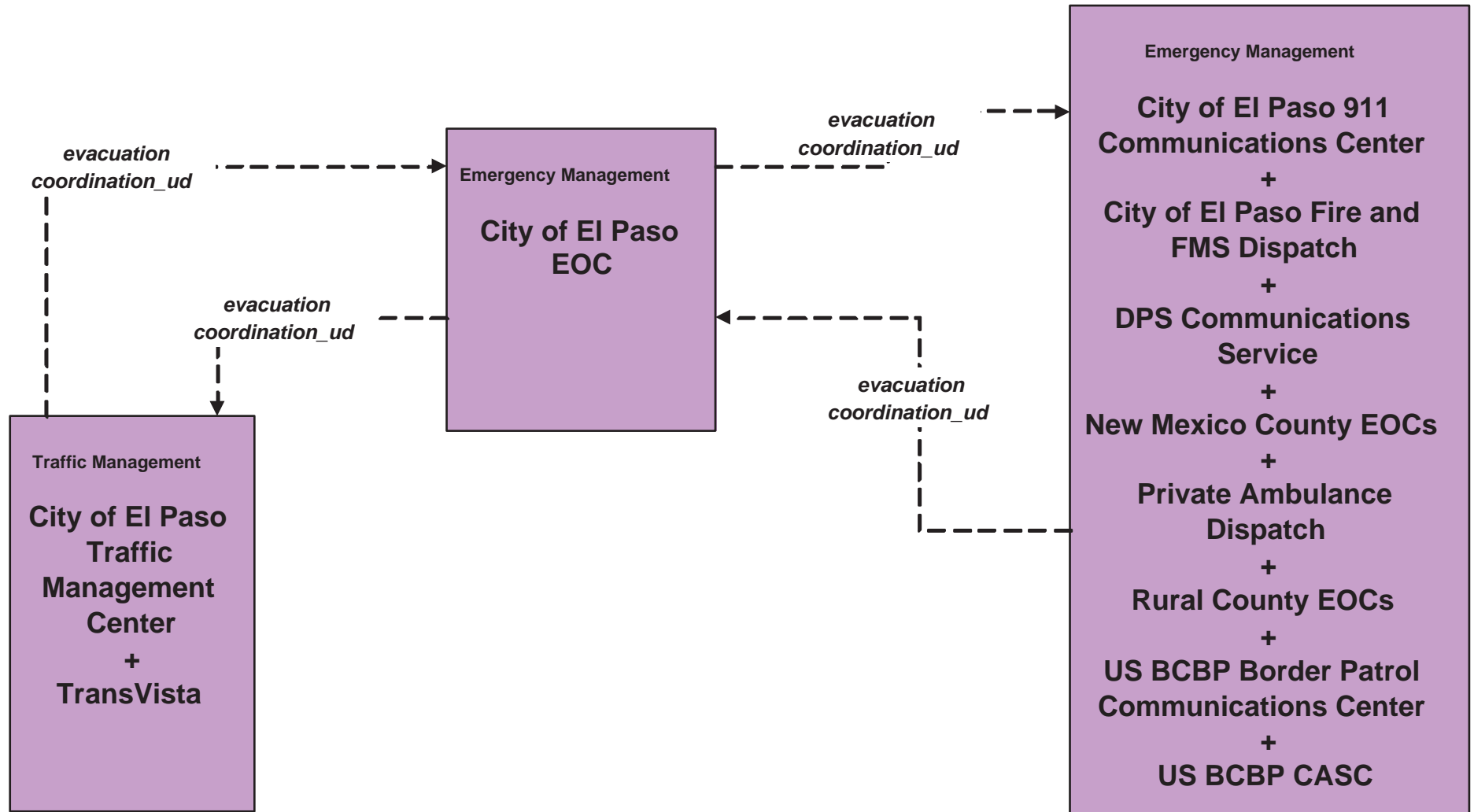
EM1 - Emergency Response
William Beaumont Army Medical Center



EM1 - Emergency Response Coordination Evacuation Coordination (1 of 5)



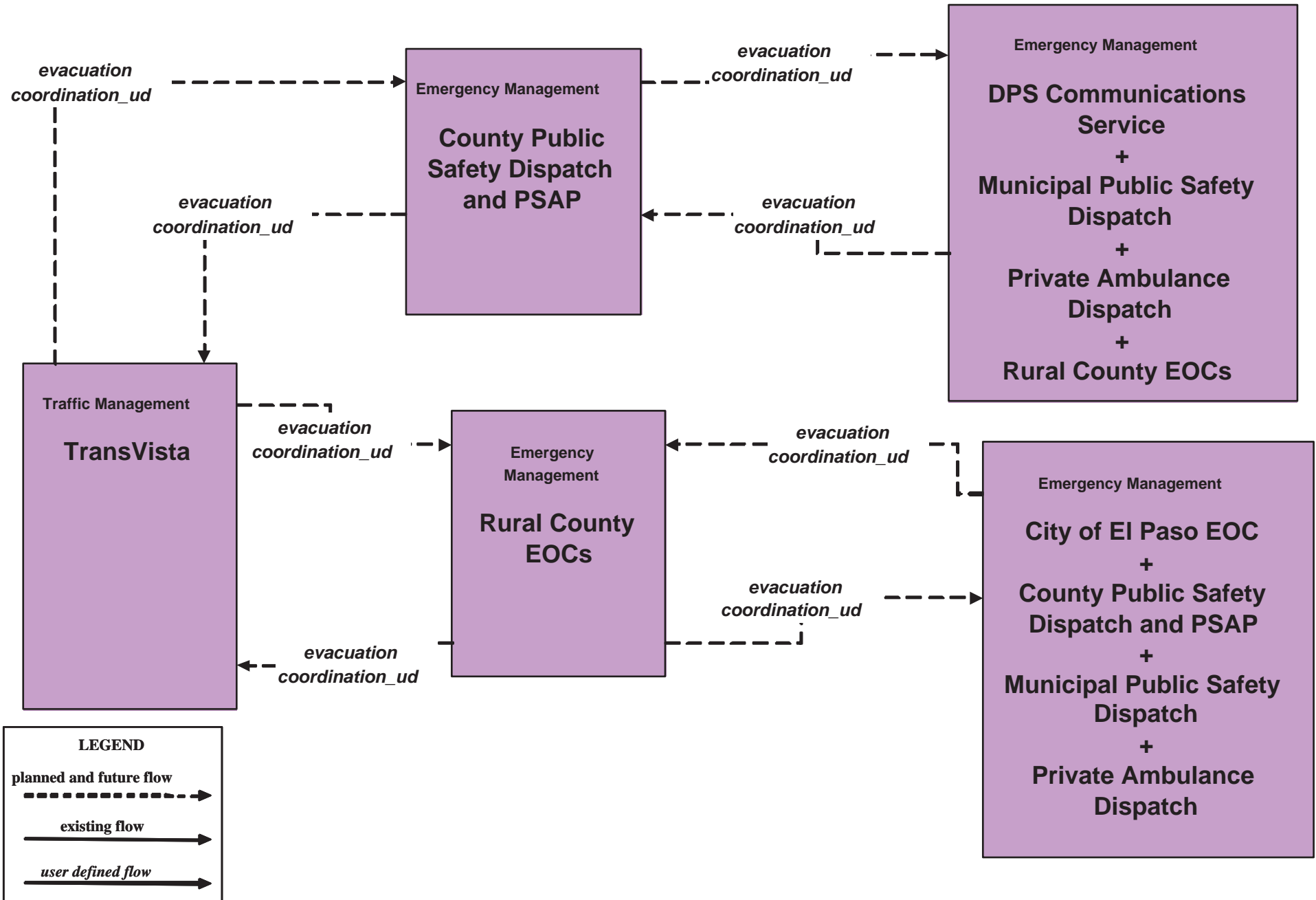
**EM1 - Emergency Response Coordination
Evacuation Coordination (2 of 5)**



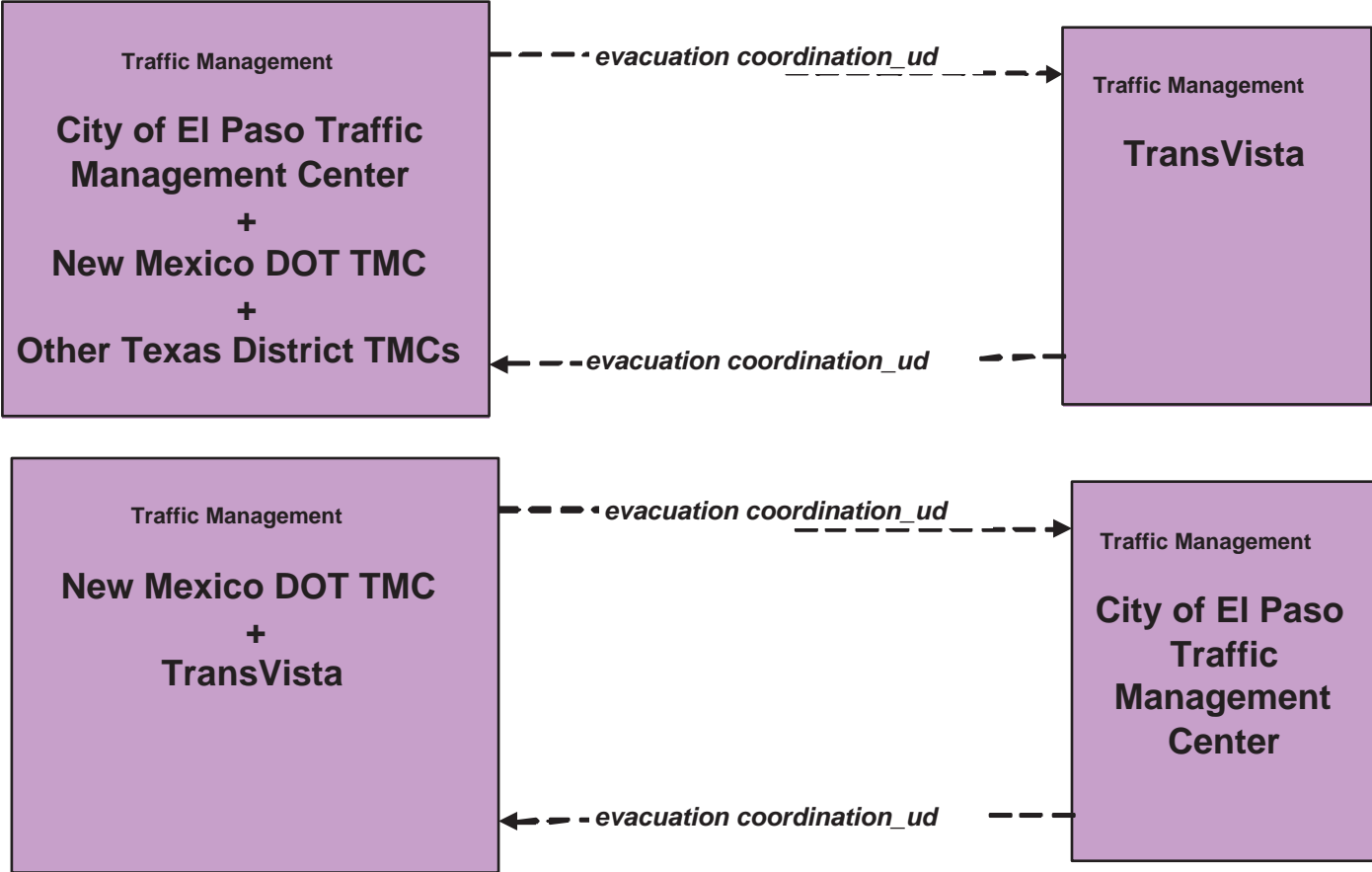
LEGEND

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

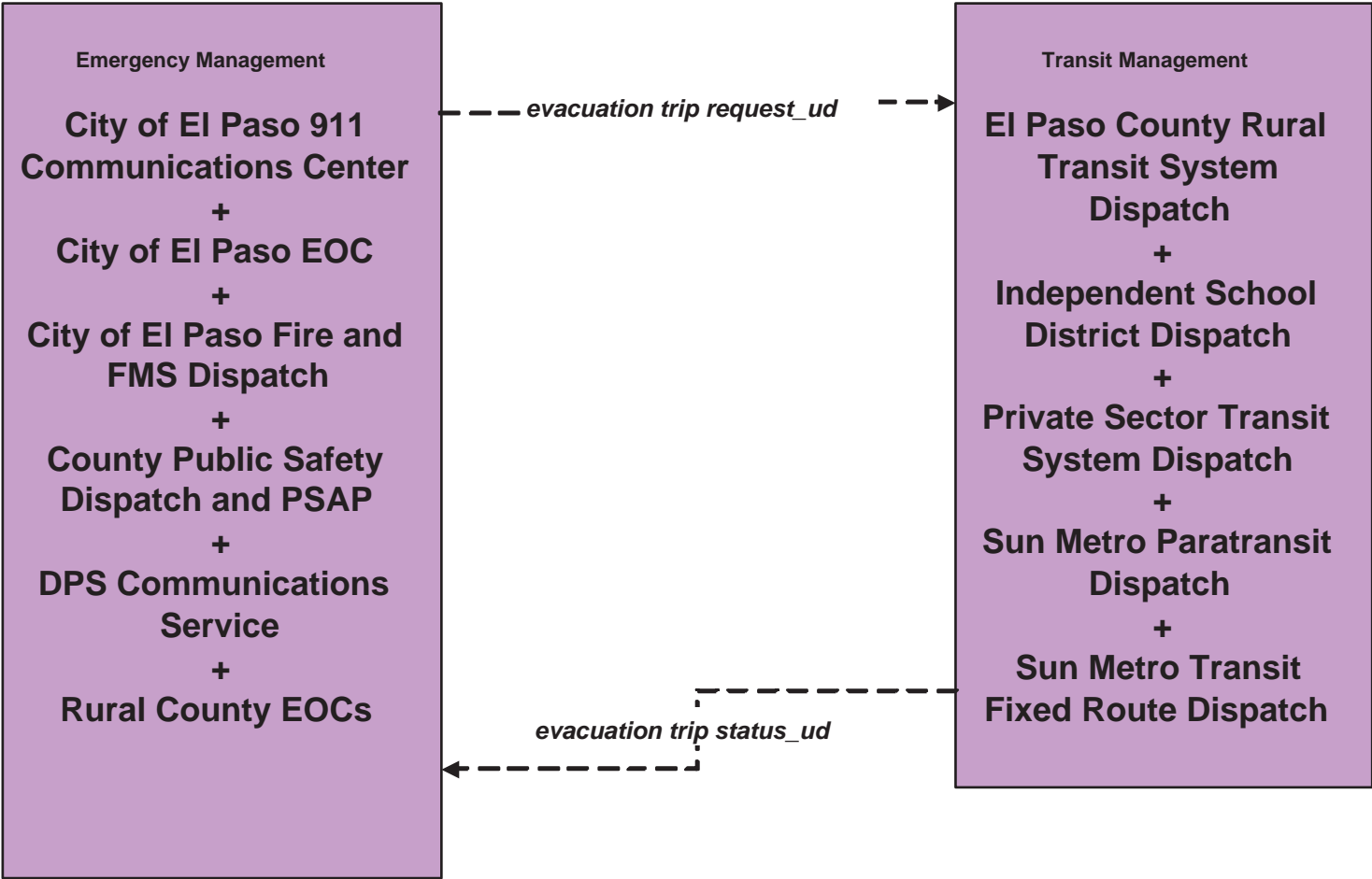
**EM1 - Emergency Response Coordination
Evacuation Coordination (3 of 5)**



**EM1 - Emergency Response Coordination
Evacuation Coordination (4 of 5)**



**EM1 - Emergency Response Coordination
Evacuation Coordination (5 of 5)**



**EM2 - Emergency Routing
City of El Paso Fire/ EMS Vehicles**

Traffic Management
**City of El Paso
Traffic
Management
Center**

Roadway Subsystem
**City of El Paso
Field Equipment**

Emergency Management
**City of El Paso Fire
and FMS Dispatch**

Emergency Vehicle
Subsystem
**City of El Paso Fire
and FMS Vehicles**

Care Facility
**Regional Medical
Center
+
William
Beaumont Army
Medical Center**

LEGEND
 planned and future flow
 ----->
 existing flow
 _____>
 user defined flow
 _____>

-----> signal control data

-----> request for right-of-way

road network
conditions

local signal
preemption
request

emergency dispatch requests
+
incident command information
+
suggested route

emergency dispatch response
+
emergency vehicle tracking data

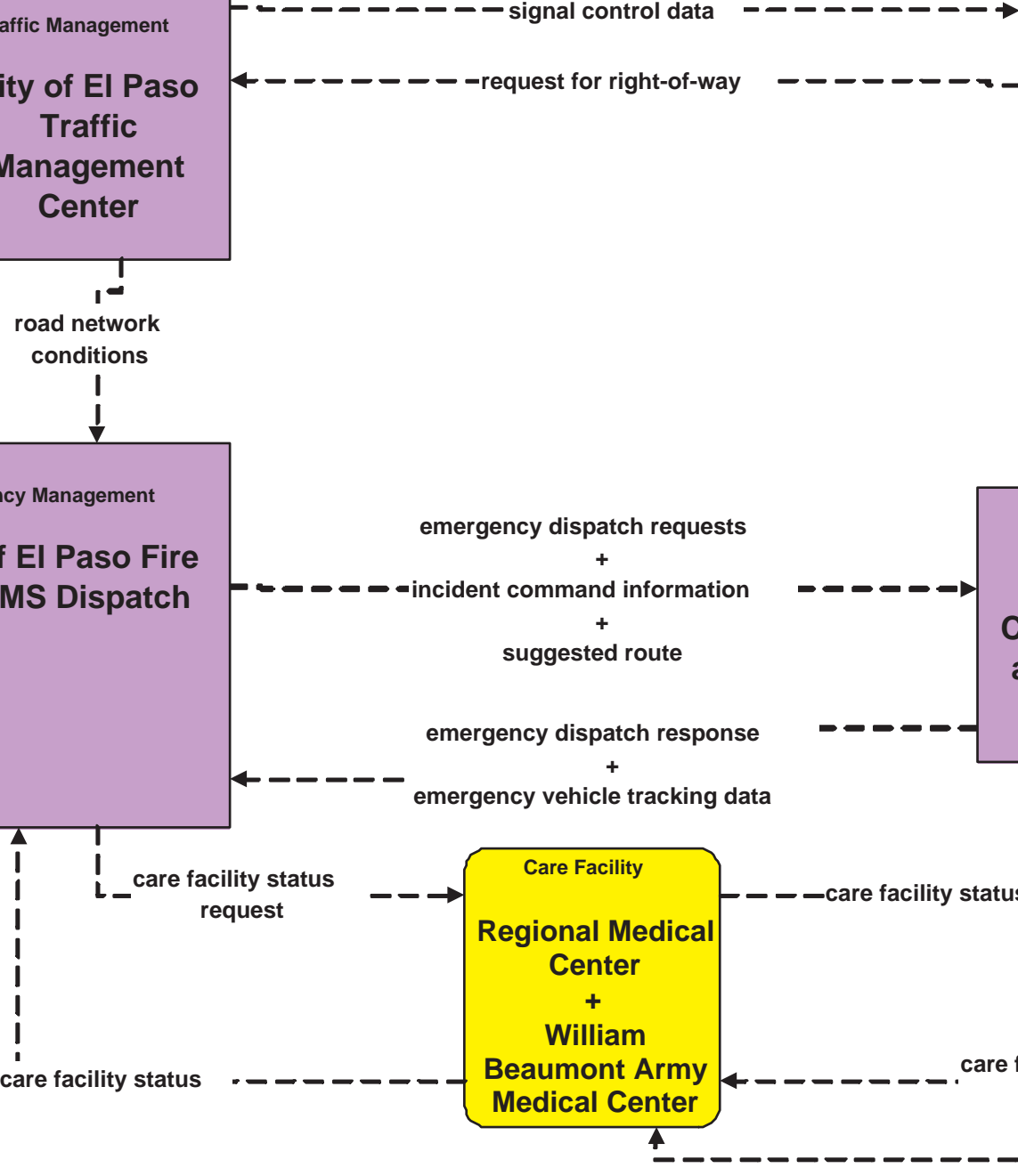
care facility status
request

care facility status

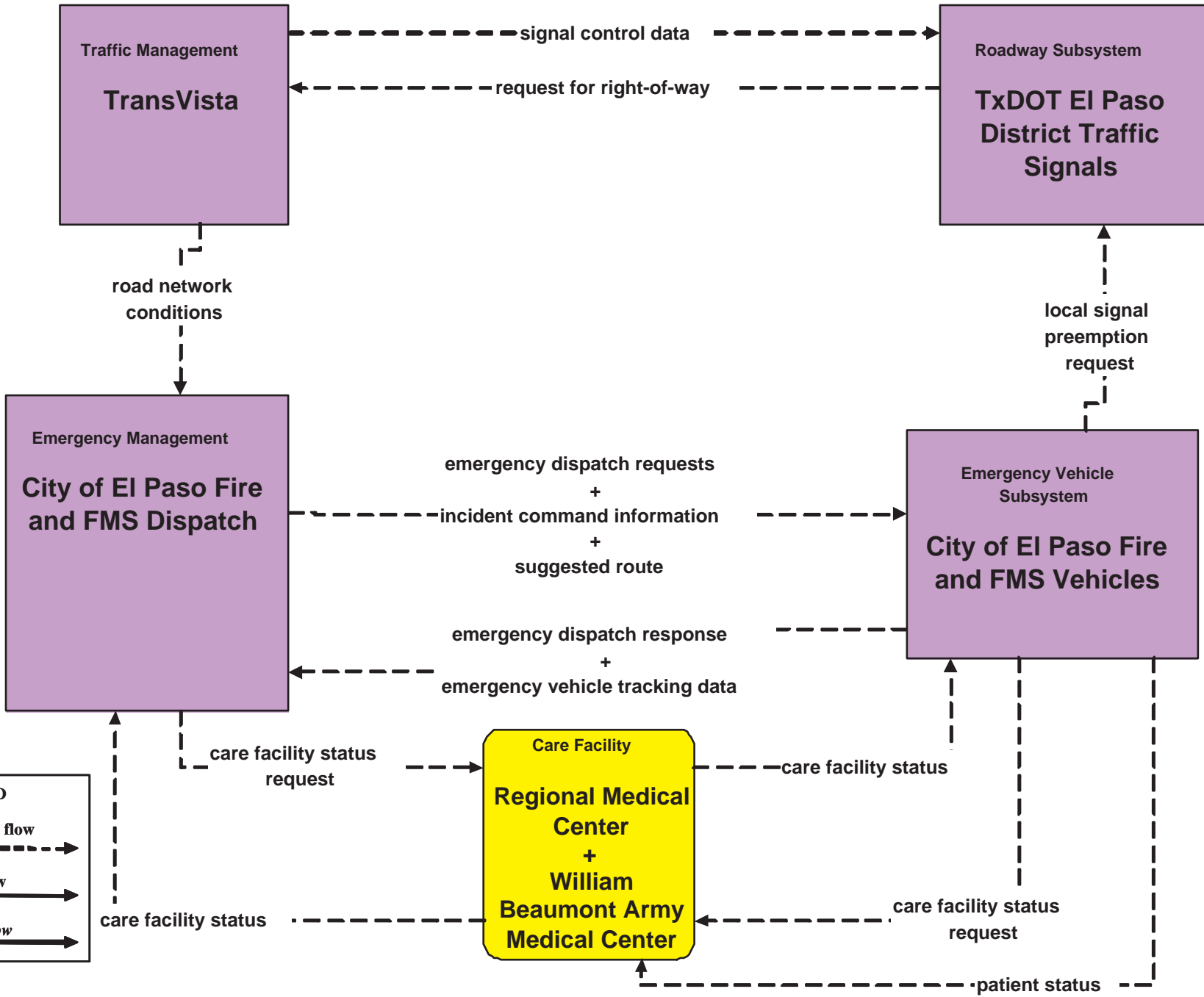
care facility status

care facility status
request

patient status



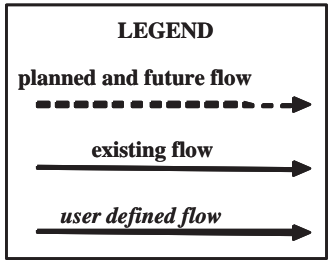
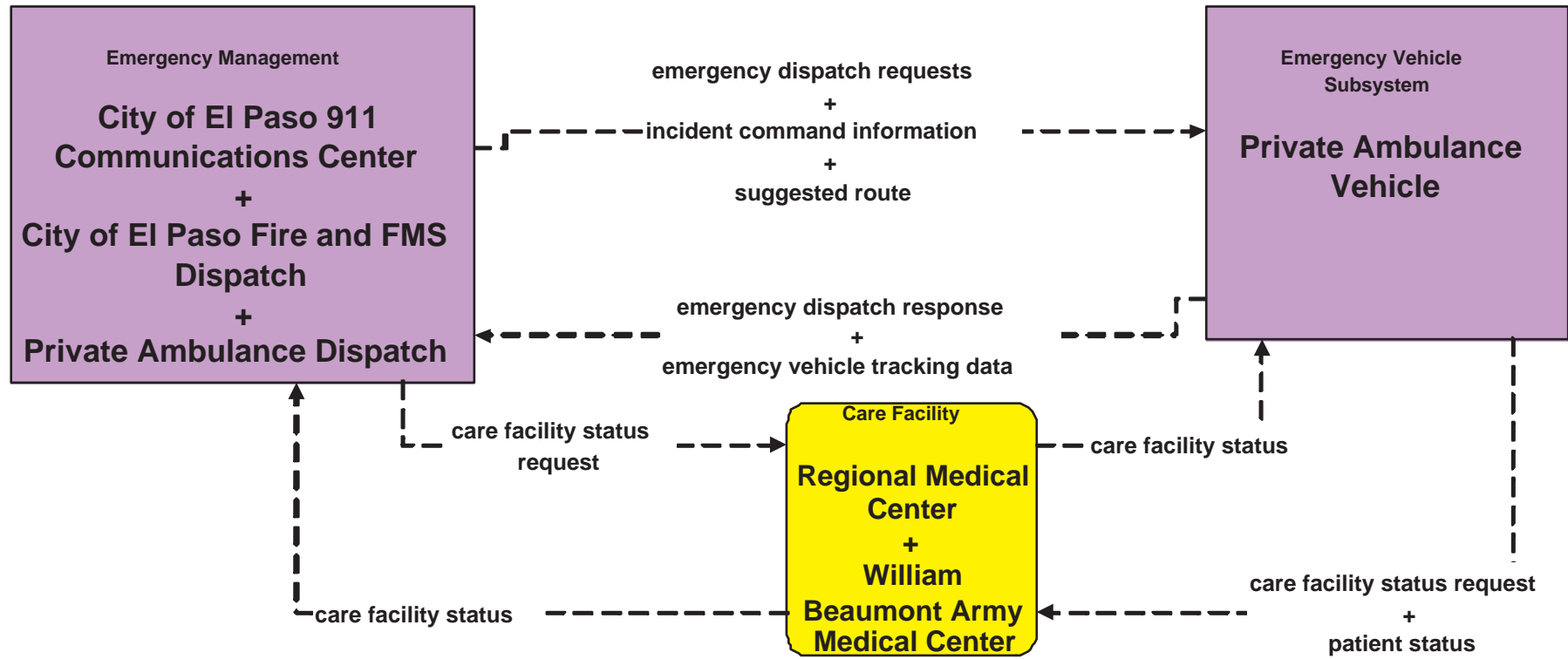
**EM2 - Emergency Routing
City of El Paso Fire/ EMS Vehicles**



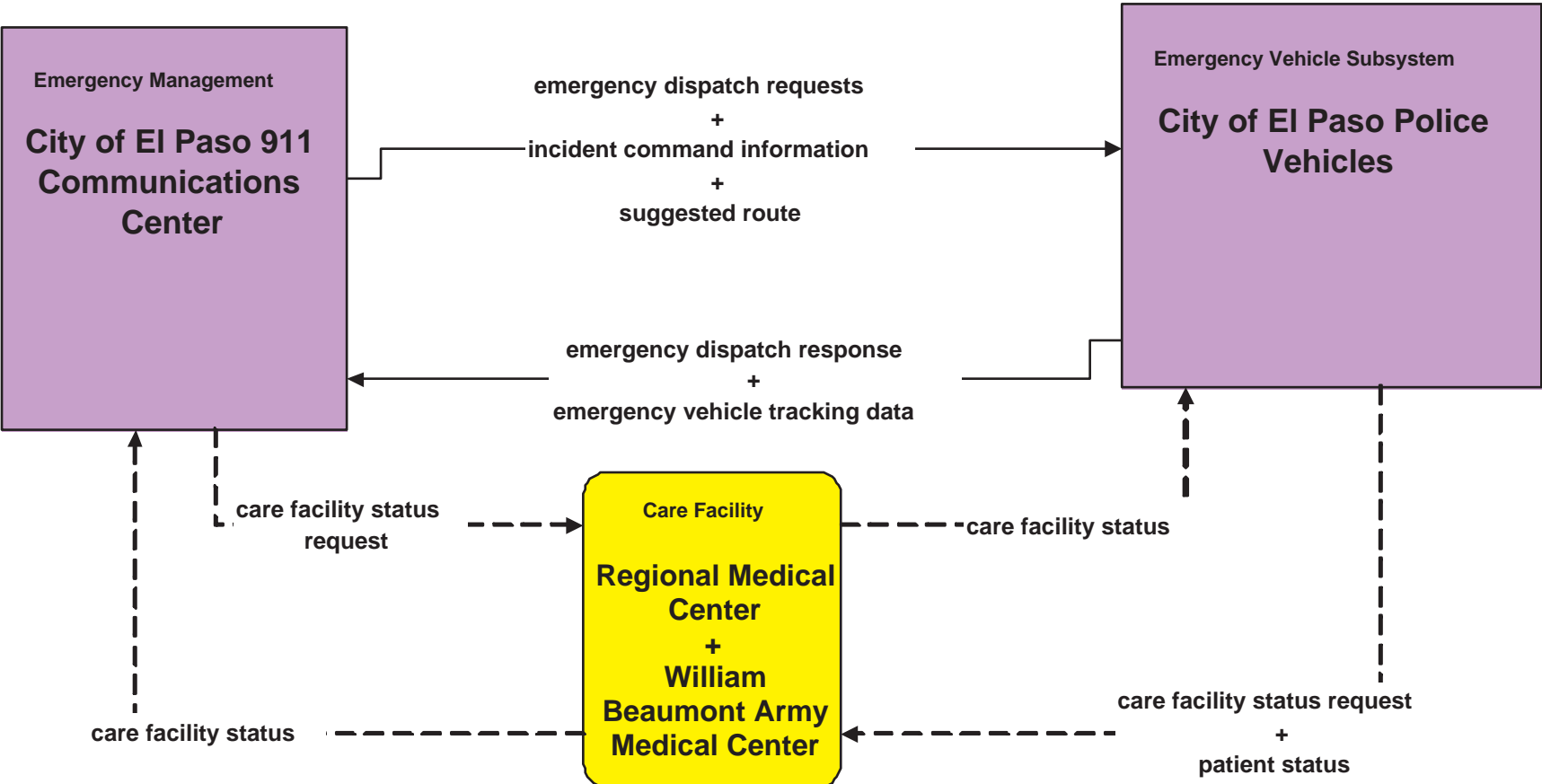
LEGEND

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

EM2 - Emergency Routing Private EMS Vehicles



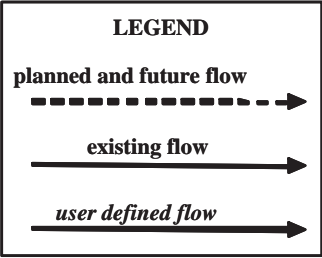
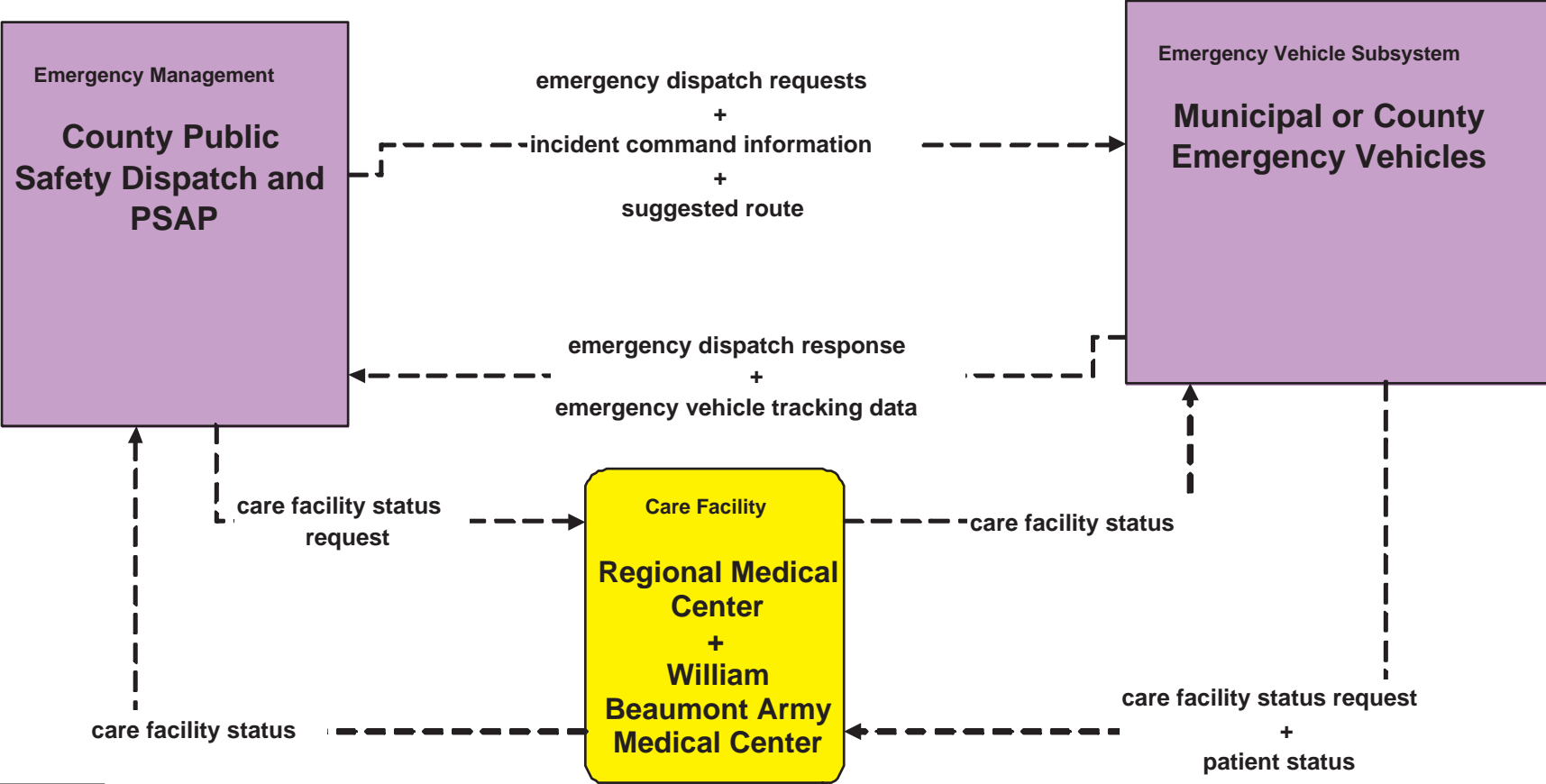
**EM2 - Emergency Routing
City of El Paso Police**



LEGEND

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

**EM2 - Emergency Routing
Municipal or County**



EM4 - Roadway Service Patrols

