Cisco Connected Public Safety and Justice Reference Architecture

Connecting Authorities to the Mission

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Connected Public Safety and Justice

The Cisco Public Safety and Justice architecture integrates mission and technical requirements to provide capabilities to improve connectivity, communications and collaboration.

The IP Mission Fabric interconnects agencies and field personnel beyond conventional communications capabilities, enabling them to:

- Integrate wired and wireless technologies (LMR, Wi-Fi, public 3G and 4G, private 4G, satellite)
- Support existing and next-generation mission-critical voice video, and data application convergence
- Deliver quality of service (QoS) and information assurance using integrated network services at the tactical edge

Includes

- Connected Border
- Connected Law Enforcement
- Connected Defense
- Connected Education
- Connected Justice

Outcomes

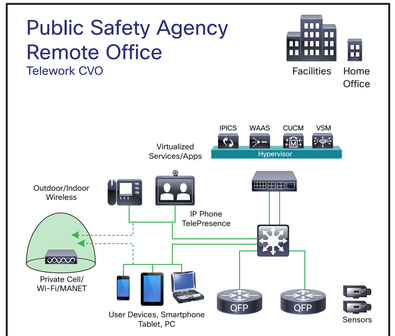
- Safer community
- Regulations
- Agency collaboration
- Faster response
- Operational efficiency
- Reduced costs

Applications

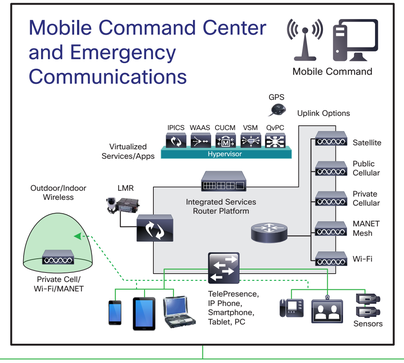
- Geospatial information system
- Common operating picture
- Situational awareness
- Video surveillance
- License plate recognition
- Facial recognition
- Biometrics
- Blue force tracking
- Remote interpretation

Public Safety Agency Remote Office

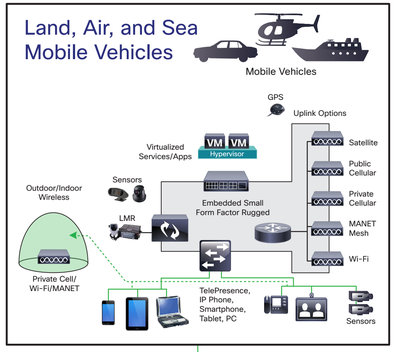
Telework CVO



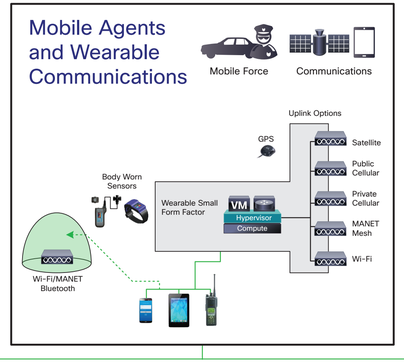
Mobile Command Center and Emergency Communications



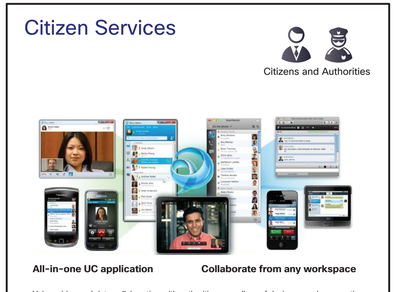
Land, Air, and Sea Mobile Vehicles



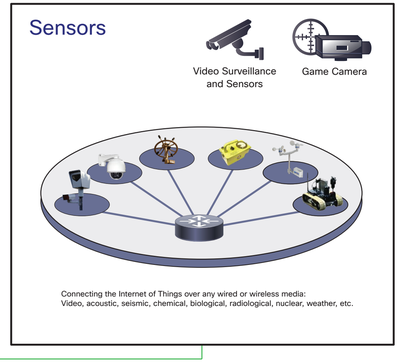
Mobile Agents and Wearable Communications



Citizen Services

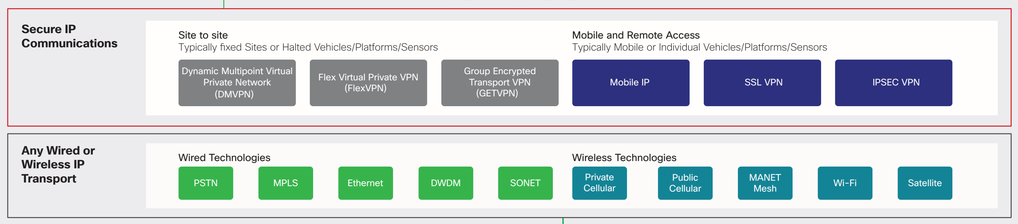


Sensors



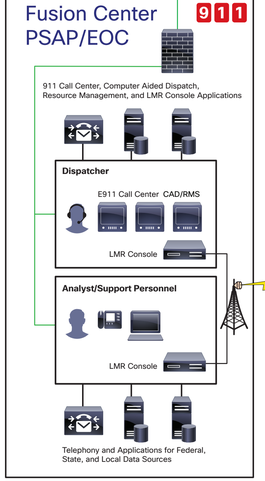
Public Safety and Justice Community Clouds Secure Information Sharing and Collaboration

Mission Fabric

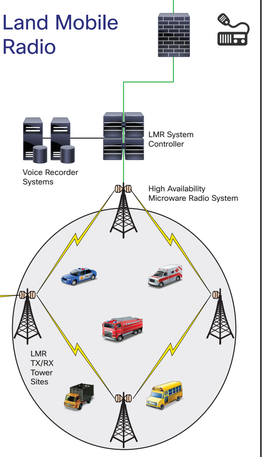


Big Data, Middleware, and Analytics

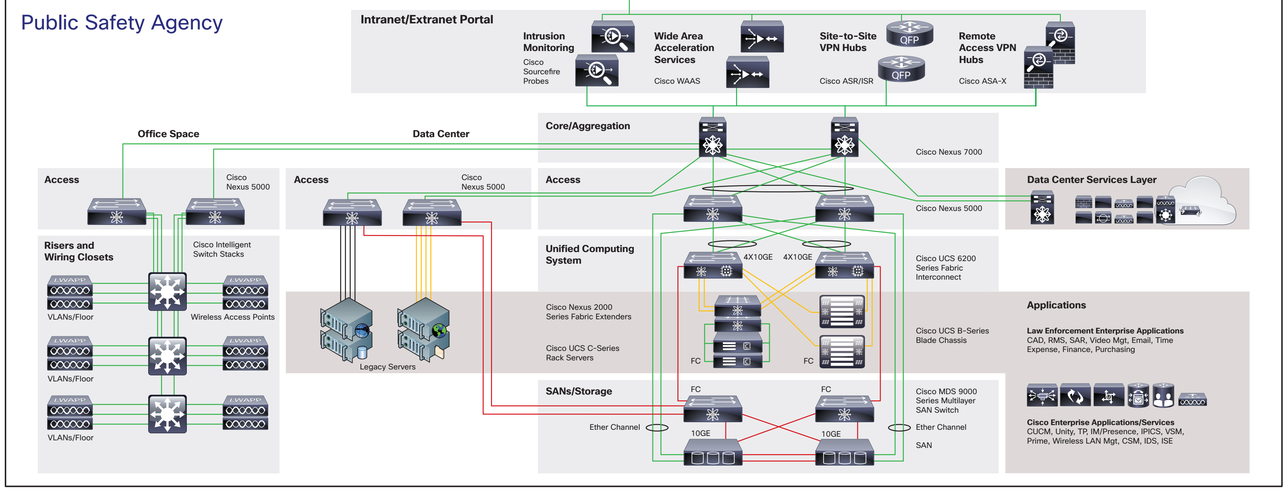
Fusion Center PSAP/EOC



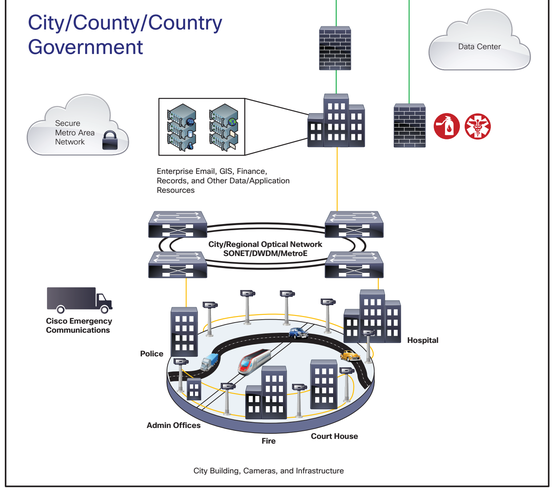
Land Mobile Radio



Public Safety Agency



City/County/Country Government



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