Task 5: DPS Deploy Prototype

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DPS Deploy Prototype

• Issues with current COMPSTAT approach:
  1. Current deployment of law enforcement resources can leave other areas exposed and vulnerable to criminal activity
  2. Adversaries can observe law enforcement deployments and adjust tactics

• We will develop a proof-of-concept prototype DPS_DEPLOY system that provides the following capabilities:
  – Geospatially displays current and past criminal activities based on type: infractions, misdemeanors and felonies
  – Shows areas of high/low risk of criminal activity based on historical criminal campus and community behavior patterns/trends
  – Risk calculations will be based on a simple (made-up) set of behavior rules
DPS Deploy Prototype GUI

We will adapt the current InfraSec platform to support DPS_DEPLOY

- InfraSec visually displays real-time risk associated with monitored assets and the change in risk associated with relocating assets.
DPS Deploy Prototype Tasks & Milestones

• Tasks:
  1. Develop the interfaces between InfraSec and the current crime/dispatch tracking systems available at DPS
  2. Modify the InfraSec platform to support the DPS patrol area – USC campus and adjacent areas
  3. Develop a criminal behavior simple rule table
  4. Integrate and test the first prototype

• Major Milestones:
  1. 30 August 2014: Working DPS_DEPLOY prototype 0.5
  2. 30 November 2014: DPS_DEPLOY 1.0 installed in USC DPS for evaluation

• Future Goal: Integrate system into existing GPS system used by DPS; Integrate additional technologies from USC CREATE