Arizona Department of Public Safety
CJIS Applications Conversion from Mainframe to Open Systems

August 30, 2017

Introductions

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Purpose

- The Arizona Department of Public Safety (AZDPS) will move the Criminal Justice Applications (Hot Files, e.g., Wanted Persons & Stolen Vehicles, and Criminal History Files) from the existing mainframe to a new open systems platform.

Definitions

- Hot Files – Records entered into the Arizona Criminal Justice Information System (ACJIS) by Arizona law enforcement agencies to include, wanted persons, stolen vehicles, stolen guns, stolen boats, etc. These records are primarily used by officers on the street and detectives.

- Criminal History Record Information (CHRI) – A fingerprint based record containing identification information, notations of arrests and dispositions.

Reasons for Change

- Archaic applications, databases and languages will be transitioned to a new easily supported system. This will allow for a more flexible environment for future support and future applications.

- This will allow for the hiring of developers with modern system skills.

Project Information

- After sending out requests for information, researching and speaking with other states that have the Computer Projects of Illinois (CPI) Message Switch, AZDPS purchased the Open Fox Message Switch and decided to use the same vendor to house and maintain the CJIS Hot Files and Criminal History applications in order to have a cohesive system maintained by one vendor. In addition, CPI has similar systems in 30+ other states.

Risk Mitigation

- Remove dependence on retired and or aging, unreplaceable system administrators and programmers with expertise in Cobol, Natural and ADABAS.

- Reduce risk of downtime for the entire state's criminal justice and law enforcement agencies.

- Vendor proven track record – used in 30+ other states.

- AZDPS already has experience with the vendor.

Questions?