

Protecting Law Enforcement Information



Presented by Joe Foster

Session #2



Grand Prizes 2016

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CJIS – Criminal Justice Information Systems What is it and how does it affect you?

- National Criminal Information Center (NCIC) data
 - Direct connection to the FBI
- RMS local law enforcement management record management systems (RMS)
- Systems used to access and store criminal records, warrants, and property identified in criminal cases



How is CJIS Used by the Police?

- Criminal activity query
- Fingerprint scanning
- License plate scanners
 - Mobile or stationary units used to automatically look up vehicle records
- Dispatch systems
 - Usually maintained by counties but more frequently being served by cities



Review of Last Year's Changes

- SLED is more stringent in their enforcement of the FBI rules and regulations
- Systems previously not covered under CJIS policies were added
- A federally mandated position was added
- Enhanced requirements for IT security both in car and in police station



What are the most visible impacts?

- End of life hardware and software
 - No support provided by manufacturer or vendor
- Encryption requirements
 - Data between buildings and in some cases between rooms in a building
- Two Factor Authentication
 - Higher security of access outside of law enforcement buildings



What are the most visible impacts?

- Mobile device management (Laptops, Tablets, and Smart Phones)
 - Anti-virus software
 - Malware protection software
- Mobile devices should have the following abilities
 - Remote lock
 - Application installation control
 - Remotely wiping the device



2016 Annual Update What Has Changed Since 2015?

- SLED has been behind in their annual audits
- Added more staff
- Beginning catch up audits now
- Likely to cause additional finance requests
- There have been two updates since the last MASC Annual Meeting
 - October 2015 release of version 5.4
 - June 2016 release of version 5.5



2016 Annual Update Changes Most Likely to Impact Your Budget

- Advanced authentication changes
 - Increased security in issuing credentials
 - May invalidate current access systems
- Reduced requirements for internal data communications security
 - May prevent expensive security projects (section 5.10.1.2)
- Mobile Device Management (MDM) is now a requirement



New Budget Requests Server Security Enhancement

- Virtual servers that connect to the internet must be isolated from those that contain C.JIS data
- Virtual servers that contain both C.JIS data and non-C.JIS data must have the C.JIS data encrypted
- Communications between virtual server environments must be encrypted



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Stop by our booth to learn more

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