

# Top 10 Priorities in IT Security for the County of Los Angeles

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### AGENDA

- County of Los Angeles Thumbnail
- "Security Triangle" Framework
- Top 10 Priorities in IT Security
- Standards Methodology
- Summary



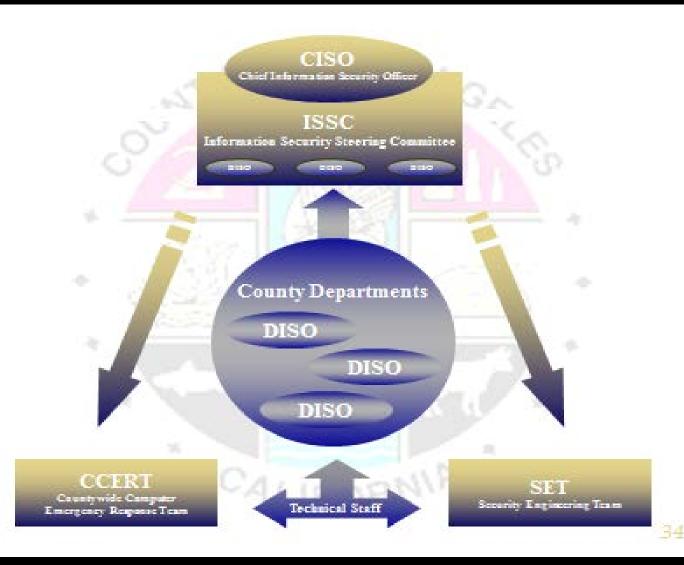




## Thumbnail

- Largest populous County in the nation (> 11 million)
- Larger than 46 states and only exceeded by eight states
- If were a nation, would have the 19<sup>th</sup> largest economy in the world
- Employs a workforce of ~ 102,000
- Thirty-four (34) major departments grouped by business clusters
- Annual budget for FY 2011-12 was \$23.3 billion













### **Priorities**

10 Annual Security Recognition Awards

#### Program

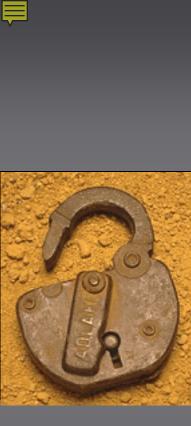
- 9 Server Virtualization
- 8 Socialization
  - 7 BYOD / Portable Devices
  - 6 Incident Response





## **Priorities (2)**

- 5 HIPAA / HITECH compliance
- 4 Encryption Standard
- 3 Risk Management Program
- 2 Web Application Firewall
- 1 Board of Supervisors' IT Security Policies





## **Standards Methodology**

- Certifications (e.g., FIPS)
- Competitive Solicitations
- Correlate standard(s) to policy
- Economies of scale
- End-user experience / usability
- Interoperability
- Help desk support





## **Standards Methodology (2)**

- County of Los Angeles IT security standards
- HITRUST Common Security Framework (CSF)
- Internet Engineering Task Force (IETF)
- International Organization of Standardization (ISO)
- National Institute of Standards and Technology (NIST)
- Trusted Computing Group
  - Trusted Platform Module (TPM)
  - Self-Encrypting Drive (SED)
  - Trusted Network Connect





## SUMMARY

- Policies influences behavior
- Standards influences technology and an appropriate business and technical model
- Technology standards has much value that affords a consistent operations, support, and risk architecture
- Paying attention to standards potentially reduces technology complexity and costs
- Standard Operating Procedures (SOPs) has been around for years – for a reason!





#### **Questions?**

Thanks for your attention!

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