

SECURITY ADMINISTRATION

...protect our data...



*Office of the
CISO*

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Technology-enabled

Business Solutions for

21st Century Government

Security Services

The Office of the Chief Information Security Officer takes the security of state-owned or maintained equipment and data seriously.

By constantly researching trends and threats, the Office of the CISO stays informed of security issues on the horizon. COT Security

Administration Branch professionals are involved in cooperative efforts for preparedness and information-sharing with other state and Federal government entities. They have access to research documents and up-to-date data about various aspects of information security.

The Office of the CISO provides services to protect against the blended threat of application and infrastructure security.

The Security Administration Branch provides both complimentary services and services for a fee to agencies of the Commonwealth of Kentucky to address information security.



Complimentary Services

- Network monitoring
- Incident handling
- Resource Access Control Facility (RACF) support—2nd level
- Alerts to customers of current threats
- Enterprise security policies

Rated Services

- Vulnerability assessments
- Password audits
- Application Security—Automatic and Manual
- Infrastructure Security Consulting
- Disaster Recovery Services (for COT maintained systems)
- Computer forensic investigations



The Commonwealth Office of Technology considers the security of information to be one of the foundational principles which guide and support the delivery of government services to Kentucky citizens. Within COT, a Chief Information Security Officer is responsible for establishing enterprise security policies and procedures. A comprehensive written security policy maintained by the CISO's Office covers almost all aspects of COT's operation and its delivery of IT services to state agencies.

In addition, COT undergoes an extensive SAS 70 IT audit each year conducted by the Kentucky Auditor of Public Accounts. Many of the controls included in this audit are security-related and are designed to ensure that proper security controls are in place for all areas of COT. SAS 70 (the Statement on Auditing Standards No. 70) was developed by the American Institute of Certified Public Accountants to assess the internal controls of service organizations, such as data centers, that impact the operation and security of the entire enterprise.

Benefits of Security Services to Agencies

The Office of the CISO has a fully staffed Security Administration Branch with eleven employees dedicated solely to security functions within the Commonwealth, including performing routine security audits on a regular basis.

- The CISO's office is in constant contact with national security organizations for important security bulletins and alerts, and alerts are issued within state government when appropriate.
- An extensive network Intrusion Detection System covers key locations throughout the state's IT infrastructure. This system is monitored through a third-party vendor 24 hours per day, 7 days per week and provides alerts in near real time.
- A tiered network firewall system allows the implementation of various security zones within the infrastructure.
- An enterprise Anti-virus software contract is available to all state agencies and enforces these protections through clear and concise enterprise policy.
- An enterprise e-mail filtering system minimizes the potential risk of harmful e-mails.
- An enterprise web filtering proxy service prevents access to potentially harmful web sites.

- The CISO's network intrusion detection system constantly monitors for possible leakage of sensitive data leaving state government's network.
- Data Center backup tapes are encrypted to provide additional protection in case of loss or theft.

Our goal is to promote the

Confidentiality

Integrity

Availability

of Commonwealth of Kentucky data by providing security services and useful security tools to state agencies.



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