Discipline

DEFINITION

Name	Technical Controls
Description	Technical Controls are security controls executed by computer systems, as opposed to people. The implementation of technical controls requires significant operational consideration and should be consistent with the management of security within the organization.
Rationale	Identifies automated controls that improve system security.
Benefits	Promotes standardization, trust, interoperability, connectivity, automation, and increased efficiency.

BOUNDARY

Boundary Limit Statement	Security controls implemented and executed by systems and/or machines.
Boundary Topics	Identification and Authentication; Logical Access Controls; Audit Trails

ASSOCIATED DOMAIN

List the Domain Name	Security

CRITICAL REFERENCES
Related Domains/Disciplines

☐ *Interface – Branding*	☐ *Integration – Functional Integration*	☐ *Systems Mgt – Business Continuity*
☐ *Interface – Access*	☐ *Integration – Middleware*	☒ *Security – Management Controls*
☐ *Interface – Accessibility*	☐ *Application – Application Engineering*	☒ *Security – Operational Controls*
☐ *Information – Knowledge Mgt*	☐ *Application – Electronic Collaboration*	☒ *Security – Technical Controls*
☐ *Information – Data Mgt*	☐ *Systems Mgt – Asset Mgt*	☐ *Privacy – Profiling*
☐ *Information- GIS*	☐ *Systems Mgt – Change Mgt*	☐ *Privacy – Personification*
☐ *Infrastructure - Network*	☐ *Systems Mgt – Console/Event Mgt*	☐ *Privacy – Privacy*
☐ *Infrastructure - Platform*	☐ *Systems Mgt – Help Desk/Problem Mgt*	

Standard Organizations/Government Bodies

List Standard Organizations	National Institute of Standards & Technology (NIST) Computer Security Resource Center http://csrc.nist.gov/ International Organization for Standardization (ISO) http://www.iso.ch/iso/en/ISOOnline.frontpage SysAdmin, Audit, Network, Security (SANS) http://www.sans.org/newlook/home.php
List Government Bodies	

Stakeholders/Roles	
List Stakeholders	Network Administrators, CIT, CIS, etc.
List Roles	Technical personnel
Discipline-specific Technology Trends	
List Discipline-specific Technology Trends	
Technology Trend Source	

ASSOCIATED COMPLIANCE COMPONENTS

List Discipline-level Compliance Components	

METHODOLOGIES

List methodologies followed	National Institute of Standards & Technology (NIST), Computer Security Resource Center

DISCIPLINE DOCUMENTATION REQUIREMENTS

Provide documentation requirements for this Discipline	

ASSOCIATED TECHNOLOGY AREAS

List the Technology Areas associated with this Discipline	Access Controls; Cryptography; Date / Time Controls; Entity Authentication; Intrusion Detection Systems; Inactivity Controls; Log-on Banners; Remote Access; Secure Gateways / Firewalls

CURRENT STATUS

Provide the Current Status	☐ In Development	☐ Under Review	☒ Approved	☐ Rejected

AUDIT TRAIL

Creation Date	12-19-2002	*Date Accepted / Rejected*	01-21-2003
Reason for Rejection			
Last Date Reviewed		*Last Date Updated*	
Reason for Update			