

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF PUBLIC WELFARE

INFORMATION TECHNOLOGY STANDARD

Name Of Standard: Outbound Internet Proxy and Content Filtering	Number: STD-ENSS002
Domain: Security	Category: Firewalls and Proxies
Date Issued: 08/29/07	Issued By Direction Of:
Date Revised: 10/08/13	 Shirley Monroe, Dir of Div of Tech Engineering

Abstract:

The purpose of this is to establish the standard for internet services.

Commonwealth Policy:

The Commonwealth’s Governor’s Office of Information Technology (OIT) has issued [ITB-SEC003 - Enterprise Security Auditing and Monitoring - Internet Access Control and Content Filtering \(IACCF\)](#) that requires Commonwealth agencies to direct the internet traffic through the Commonwealth’s IACCF implementation (proxy servers).

General:

In order to help secure, audit and maintain access to the internet a few measures need to be taken. Content filtering blocks access to inappropriate websites, and also protects against spyware, adware, viruses, phishing attacks and other malicious code that have the potential to impair performance, increase costs and expose sensitive data to unauthorized parties.

Utilizing proxy servers allows people the ability to sign on to any machine on the network and securely access the internet, conserves bandwidth by caching frequently accessed web pages, and also gives the ability to audit internet usage by user name.

Standard:

The department uses the additional Commonwealth OIT’s standards to establish and maintain the department’s outbound internet services:

- STD-SEC003A: Product Standards for Internet Access Control and Content Filtering
- BPD-SEC003B: Deployment Options for Internet Access Control and Content Filtering Solution
- OPD-SEC003C: Minimum Configuration Requirements for Internet Access Control and Content Filtering

Exemptions from this Standard:

There will be no exemptions to this standard.

Refresh Schedule:

All standards and referenced documentation identified in this standard will be subject to review and possible revision annually or upon request by the DPW Information Technology Standards Team.

Standard Revision Log:

Change Date	Version	Change Description	Author and Organization
8/29/07	1.0	Initial Creation	Thomas Zarb
10/08/13	2.0	Revised to reflect current standards and architecture	Bob Myers