

Information Technology Policies and Standards

Title	Internet Filtering Categories and Protocols
Type	Standard
Related Policy	Employee Internet Management "Filtering" Policy
Category	General
Status	Approved
Approved	04/01/2004
Revised	02/15/2011
To Be Reviewed	06/18/2017
Scope	Applies to all Internet access from the City's networks.
Standard	<p>The City's standard product for Employee Internet Management ("Filtering") is Cisco's IronPort suite.</p> <p>Pursuant to the City's Employee Internet Usage Policy, Internet access shall be blocked to sites in the following categories :</p> <ul style="list-style-type: none">• Adult Material: Adult Content• Adult Material: Lingerie/Swimsuit• Adult Material: Nudity• Adult Material: Sex• Drugs: Abused Drugs• Drugs: Marijuana• Entertainment: MP3 and Audio Download Services• Extended Protection: Elevated Exposure• Extended Protection: Emerging Exploits• Gambling• Games• Illegal/Questionable• Information Technology: Hacking• Information Technology: Proxy Avoidance• Information Technology: URL Translation Sites• Internet Communication: Web Chat• Militancy/Extremist• Racism/Hate• Society/Lifestyles: Alcohol/Tobacco• Society/Lifestyles: Personals/Dating• Tasteless• Violence

- Productivity PG: Advertisements
- Productivity PG: Pay-to-Surf
- Security PG: Bot Networks
- Security PG: Keyloggers
- Security PG: Malicious Websites
- Security PG: Phishing/Other Frauds
- Security PG: Potentially Unwanted Software
- Security PG: Spyware

Pursuant to the City's Employee Internet Usage Policy, Internet access shall be blocked to sites in the following protocols:

- Malicious Traffic: Bot Networks
- Network OS: daytime, finger, ident, SOCKS5
- Proxy Avoidance: all

Pursuant to the City's E-mail Usage Policy, Internet access shall be blocked to sites in the following category:

- Internet Communication: General E-Mail
- Internet Communication: Organizational E-Mail

Pursuant to the City's E-mail Usage Policy, Internet access shall be blocked to sites in the following protocols:

- Mail and Collaborative Tools: IMAP, Microsoft HTTPMail, POP3

Pursuant to the City's Instant Messaging Policy, Internet access shall be blocked to sites in the following category:

- Internet Communication: Text and Media Messaging
- Productivity PG: Instant Messaging

Pursuant to the City's Instant Messaging Policy, Internet access shall be blocked to sites in the following protocols:

- Instant Messaging/Chat: all

Pursuant to the City's Peer-to-Peer (P2P) Internet-based

Applications Policy, Internet access shall be blocked to sites in the following categories:

- Bandwidth PG: Peer-to-Peer File Sharing

Pursuant to the City's Peer-to-Peer (P2P) Internet-based Applications Policy, Internet access shall be blocked to sites in the following protocols:

- P2P File Sharing: all

Pursuant to the City's Network Access/Connectivity Policy, Internet access shall be blocked to sites in the following protocols:

- Remote Access: GoToMyPC, LogMeIn, MyIVO, pcTELECOMMUTE, SoonR

Rationale This standard defines the types of sites that are not appropriate for City business.