

# Internet Security

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## Malware

- malicious computer software that interferes with normal computer functions or sends personal data about the user to unauthorized parties over the Internet

## Firewall

- an integrated collection of security measures designed to prevent unauthorized electronic access to a networked computer system
- Microsoft Windows Firewall -- The Vista and XP Service Pack 2 operating systems have personal firewalls built in that are turned on by default to block threats from the Internet. You should leave this feature turned on until you replace it with third-party software and/or hardware.
- Two-Way Third-Party Personal Firewall Software -- These firewalls block both incoming and outgoing threats. A computer has outgoing threats when it becomes infected with a virus, trojan horse or spyware.
- Virus
  - a segment of self-replicating code planted illegally in a computer program, often to damage or shut down a system or network
- Trojan Horse
  - Any malicious software that is designed to take partial or full control of a computer's operation without the knowledge of its user
- Spyware
  - Software that secretly gathers information about a person or organization.

## Internet Security Software Suites

- These products include two or more security features such as a personal firewall, anti-virus, anti-spyware and more.
- <http://us.trendmicro.com/us/products/personal/internet-security-2008/>
- <http://www.symantec.com/norton/products/index.jsp>
- <http://us.mcafee.com/root/store.asp>

## Internet Filter

- a program that can screen an incoming Web page to determine whether some or all of it should not be displayed to the user
- Parental Controls / Purity Sites
  - <http://www.cyberpatrol.com>
  - <http://www.netnanny.com>
  - <http://www.wisechoice.net>

## Search Safety

- Google Safe Search and Others