



Notes on Antivirus

Definition: Antivirus software are computer programs that attempt to identify, neutralize or eliminate malicious software. The term "antivirus" is used because the earliest examples were designed exclusively to combat computer viruses; however most modern antivirus software is now designed to combat a wide range of threats, including worms, phishing attacks, rootkits, Trojan horses and other malware. Antivirus software typically uses three different approaches to accomplish this:

- The first way is to examine files looking for known viruses that match virus definitions in a virus dictionary.
- Try and recognize unusual behavior from a program which might signify a threat/infection.
- Whistling prevents the execution of all computer code which has not been identified as trustworthy.

Reitzel Technology recommends AVG antivirus software for individual systems and Symantec EndPoint Protection for larger deployments.

-AVG Network edition is what we recommend and it provides the following features

- Easy to use and manage
- Protection for workstations and file servers
- Centralized installation and configuration
- Reporting and updating
 - Two things need to be updated on a regular basis
 - Engine (code written that performs the scan)
 - Signature file
- Protects against
 - Viruses, Worms, Trojans
 - Spyware, Adware, Identity-theft
 - Hidden threats (rootkits)
 - Malicious websites
 - Firewall

Note: Everyone needs antivirus software and it needs to be updated! Updating is essential as new threats are being created all the time.