State of Maryland Network Security and Forensics Department

Antivirus Proposal

Problem
Over the course of the previous year, our state offices have been plagued by the constant inconveniences caused by viruses and the damage they inflict. These viruses corrupt files and applications causing serious down time and loss of data. These breaches of security can longer be tolerated or ignored. It is in the best interest of the state of Maryland to do everything in its power to guarantee the confidentiality, accessibility, and integrity of its data and the networks on which it is stored.

Scope
Antivirus software should be installed on all servers and client machines located at all personnel, state buildings, public facilities, and government programs within Maryland's state lines. This includes remote computers as well as the local machines.

Description
Symantec AntiVirus Enterprise Edition™ will be purchased and installed on every computer in our state offices. The servers will push the client software down to the local machines. Other Symantec applications will handle the protection of the web and email servers.

Approach
Symantec AntiVirus Enterprise Edition™ version 10.0 provides protection for most major operating systems (client and server) as well as comprehensive protection for the email and Web gateway. The Symantec server application will be installed on a server at each location. From these servers, the Symantec client security application will be pushed to each of the client computers on the network. These servers will also download the daily updates and push the updates to the client computers as well. Symantec Mail Security™ for Microsoft® Exchange will be installed and configured on mail servers to protect against any malicious incoming email. Symantec Web Security™ will be installed on the web servers.

Conclusion
The addition of an antivirus solution can only benefit our state offices. The security of the information which is stored on our networks should be of utmost importance and our responsibility.