



## CASE History: Managed Services – Malware Protection

### Client Profile:

- Oklahoma financial services firm, 8 Windows servers, approximately 150 desktops
- Running legacy antivirus platform whose reporting was marginal

### Project Objectives:

- DVITS requested to evaluate current antivirus system effectiveness, make recommendations to simplify the management of desktop, server, and travelling laptop malware protection
- DVITS to evaluate email scanning and evaluate an on-premise solution to scan inbound and outbound email for SPAM and malware

### Project Results:

- ***It was found that the legacy antivirus system was scanning servers but reporting minimal malware activity, desktops were only periodically being scanned effectively by the legacy system*** – The reporting provided by the legacy antivirus scanning was simplistic but showed servers to be scanning daily with minimal activity. On the desktops it wasn't possible to establish that scanning was occurring on a regular basis with more than a few desktops, even after repetitive troubleshooting by the client.
- ***In addition, an examination revealed that the local Exchange server lacked any functional SPAM prevention measures making a simple explanation as to why users complained so much about junk mail***
- ***As an inexpensive test DVITS installed Trend Micro Worry-Free Business Security Advanced*** – When installed on a single server and approximately 20 desktops, the initial scan turned up several hundred pieces of malware. When the Exchange anti-SPAM component was installed, so much SPAM was being filtered out that the Exchange server was brought to a virtual standstill.
- ***After a full deployment of Trend Micro WFBS was completed the results were startling*** – In the first week over 10,000 pieces of malware were removed from the servers and workstations which the legacy antivirus had missed. The administrators reported vastly better reporting from the Trend Micro system which they could act upon. In addition the Trend agents function well on travelling laptops resulting in reduction in IT management load and risk.
- ***The Exchange server was cleaned up, and a separate Sonicwall Email Security Appliance was placed on the network*** – The ESA appliance has been updated several times resulting in vastly reduced Exchange server SPAM loads, but keeping all anti-SPAM processing and management onsite in accordance with the client requirements. This has minimized the client's operating costs and reduced their IT management overhead.

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