

CASE STUDY



Company	Walter Lorenz Surgical Inc.
Problem	Required easy to administer anti-spam and anti-virus e-mail solution
Application	602LAN SUITE 2004 Anti-virus Edition
User Industry	Surgical Equipment

WALTER LORENZ SURGICAL INC.

The company

Walter Lorenz Surgical Inc. (WLSI) has become reliant on e-mail communication with its current volume averaging about 1,200 inbound messages per day. The IT department manages over 100 accounts across 17 departments totalling 175 employees.

The spam problem

WLSI had the same problems any organization connected to the Internet experience: spam and viruses. With current estimates stating over 50% of all e-mail traffic is spam, this is a serious threat to any organization. Michael Henry, Network Administrator at WLSI explains, "After 3 weeks of using 602LAN SUITE, the Bayesian filter learning has reduced the amount of spam coming through from 68% down to approximately 10%. My users are only

getting 1 or 2 spam messages a day compared to the 8-10 before. I also have 60 users that now receive NO SPAM AT ALL after 602LAN SUITE was put into place."

The virus problem

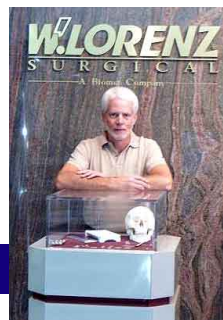
With the new wave of virus exploitation through e-mail, attachment filtering has become a necessary feature. Even the common ZIP file has become a trojan horse for some of today's most dangerous viruses. A requirement for WLSI was to have an easy way to block attachments with certain extensions before users could have a chance to execute the file. With 602LAN SUITE, attachments with unwanted extensions are now blocked. If a user needs a specific attachment, the administrator has access to all blocked attachments for easy redistribution to the user.

About Walter Lorenz Surgical Inc.

Walter Lorenz Surgical, Inc., was founded by Walter Lorenz more than thirty years ago. WLSI manufactures a complete range of craniomaxillofacial products, including LactoSorb®, the first completely resorbable fixation system available in the U.S. Other Lorenz products include titanium plates and screws for craniomaxillofacial fixation as well as a complete line of instruments for craniomaxillofacial and orthopedic procedures.



"The spam filter has reduced my administration time from 4 hours a day to only 4 hours a week"



Michael Henry
Network Administrator
Walter Lorenz Surgical Inc.

Features used:

Multi-threaded SMTP Server

Ensures immediate delivery to WLSI backend servers

POP3 Server

Collects remote POP3 accounts for delivery to WLSI backend servers

BitDefender Anti-virus

Protects users from dangerous e-mail viruses and exploits

Bayesian Anti-spam

Content-based anti-spam tool that adapts to spam over time

Automatic Bayesian Teaching

With automatic blacklist learning, the Bayesian filter will automatic update itself

Web Mail Client

Provides easy access to local user mailboxes from anywhere

Global Blacklist

Easily collect unwanted addresses from users and import into the global blacklist

Attachment Filter

Blocks unwanted e-mail attachments based on the rules entered

Automatic Mail Rules

Simple forwarding rules can be used to enable complex integration

Integration

WLSI e-mail is hosted off-site in California. With 602LAN SUITE's unique POP3 download feature, all e-mail is collected to the local office in Florida and checked for spam, viruses and unwanted attachments. Within 602LAN SUITE, mail rules have been set up to forward all e-mail via SMTP to a secondary e-mail gateway so that it can be check again for viruses and inappropriate subject lines that are not allowed. At that point, if all tests are passed, the e-mail is forwarded to the Lotus Notes server. With 602LAN SUITE's functionality based on open standards, it easily integrates with an existing e-mail infrastructure.

Anti-spam made easy

The spam problem WLSI had been experiencing was easily solved with 602LAN SUITE's automatic Bayesian learning from the global blacklist. With this technique, Michael Henry exports personal user blacklists and imports them into the global blacklist for continuous spam protection. Any new spam sent from senders on the blacklist will be automatically learned and the Bayesian content filter will adapt to the new spam in real-time. By doing this he stays one step ahead of the spammers.

The solution

WLSI is running 602LAN SUITE 2004 Anti-virus Edition with an unlimited user license on a white box Pentium 4 3.0GHz with 1 GB RAM using Windows XP Professional as the operating system. The server is connected to the Internet via a T1 line.

"By using 602LAN SUITE as the front-end for our e-mail system and then passing it to the gateway, I have cut out the fear of a virus attack being launched by e-mail"



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