

# CASE STUDY



**Organization** Pacific Grove Unified School District

**Problem** Required an easy and affordable anti-spam and anti-virus e-mail solution with web mail access

**Application** 602LAN SUITE 2004 Anti-virus Edition, 602LAN SUITE 2004 ActiveReports

**Industry** Education



## PACIFIC GROVE UNIFIED SCHOOL DISTRICT

### The organization

The Pacific Grove Unified School District (PGUSD) needed a Windows compatible mail server capable of handling the load of 300 teachers, administrators and staff members, along with various computer labs throughout the school district.

### The requirements

Ease-of-use, cost, web accessibility, unlimited user license policy, Bayesian anti-spam and integrated anti-virus protection were the selection criteria used when the district decided to replace their previous mail server.

### E-mail evolution

PGUSD started to provide mail services to its staff over 8 years ago. In the beginning, usage was light and e-mail was not critical. As time

passed, the staff learned to use and rely on e-mail more and more. As usage grew, so did the amount of spam. When it got to the point where people were receiving twice as much spam as legitimate e-mail, it had become an official problem. PGUSD first implemented an e-mail subject filter for spam. While this did work initially, variations on the subject would easily pass through. An intelligent, content-based, Bayesian anti-spam filter, provided by 602LAN SUITE, was required to block the ever evolving spam nuisance.

### E-mail access from anywhere

Reliable web accessibility was fulfilled by 602LAN SUITE's easy-to-use, integrated web mail client. Web mail provides PGUSD users the ability to read e-mail even when they are away from their primary desktop computer.

## About Pacific Grove Unified School District

The Pacific Grove Unified School District (PGUSD) is located in Pacific Grove, California. Pacific Grove is located on the tip of the Monterey Peninsula on the central California coast with a population of over 15,000 people. PGUSD is composed of five school sites. The district employs 300 staff members and educates over 1,800 students.



**"602LAN SUITE 2004's web-based administration is the easiest of any system I have used."**



Bruce Cates  
Technology Coordinator  
Pacific Grove Unified  
School District

## Features used

### Multi-threaded SMTP Server

Ensures quick Internet e-mail delivery to PGUSD users

### POP3 Server

Allows PGUSD users to use any POP3 client to read mail (e.g. Outlook)

### 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 junk mail learning, the Bayesian filter will adapt to spam

### Web Mail Client

Provides easy access to PGUSD user mailboxes from anywhere

### Attachment Filter

Blocks unwanted e-mail attachments based on the rules entered

### Global Blacklist

Easily block addresses and servers known to send spam

### ActiveReports

Provides graphs, HTML reports and alerts on all 602LAN SUITE services

### Easy administration

Ease of use was a very important factor for PGUSD. Bruce Cates, the Technology Coordinator for the Pacific Grove Unified School District explains, "602LAN SUITE 2004's web-based administration is the easiest of any system I have used." In a normal work week, Bruce spends around 2-3 hours checking system junk mail and verifying unknown mail.

### Reporting and statistics

ActiveReports, the 602LAN SUITE reporting add-on, provides graphs, HTML reports, and alerts to all aspects of 602LAN SUITE's services. ActiveReports gives immediate access to virus statistics, spam volume, data traffic and more. This information helps Bruce make informed decisions about what SMTP servers to Blacklist and provides an overview of network use. These reports are also used to keep administration informed on the amount of traffic generated, so they can better estimate future support costs.

### The solution

PGUSD is running 602LAN SUITE 2004 Anti-virus Edition with an unlimited user license on a Dell PowerEdge 2600 with dual 2.8GHz Xeon processors and 1 GB RAM using Windows 2003 Server as the operating system. The server is connected to the Internet via a T1 line.

**"The Bayesian filter and blocking services built-in to 602LAN SUITE has dramatically reduced our staff's exposure to spam and made it feasible to rely on e-mail once again."**



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