



M86 Security for National Health Service Trusts

Client:

Abertawe Bro Morgannwg NHS
University Trust

Web Site:

<http://www.abm.university-trust.wales.nhs.uk/>

Number of Users:

10,000

Client:

Nottingham University Hospitals NHS Trust

Web Site:

<http://www.qmc.nhs.uk/>

Number of Users:

12,000

Requirements:

Email and Web Filtering

Filtering Solutions:

M86 MailMarshal SMTP, M86 WebMarshal

“M86’s email and Web solution offered us the ability to monitor what was happening on the network in real-time. ”

Chris Phillips
IT Security Manager
Abertawe Bro Morgannwg NHS University Trust

Virus Attacks Affect More Than Computers

In summer 2009 More4 News conducted a survey among NHS trusts in England to find out how many of them had experienced a computer virus attack on their network systems. 75% replied, revealing more than 8,000 virus attacks with some incidents affecting clinical departments. The trusts identified by More4 News include Grampian, Isle of Wight, Basingstoke & North Hampshire, Newcastle, Poole, Bradford Teaching Hospitals and Leeds Teaching Hospitals.

Virus Prevention Equals Patient Protection

Most concerning is that some of the attacks discussed in the More4 News piece have interfered with the work of clinical staff. For example, in Scotland, the Greater Glasgow and Clyde NHS trust was infected with a computer virus that prevented staff using their systems for two days. At the trust’s cancer centre, where any postponement in treatment could be life threatening, 51 appointments or radiotherapy sessions had to be rescheduled. In Newcastle another malware infection made administrative systems unavailable; resulting in a three week appointment backlog. In addition, More4 also mention that a hundred NHS Trust administration workers were prevented from using their computers in Kent following a malware infection.

All this happened at a time when the tools do exist to protect these systems.

Two NHS Trusts Lead the Way

After extensive research and evaluation, Abertawe Bro Morgannwg NHS University Trust (ABM), the largest hospital trust in Wales, decided to deploy a combination of M86 Security products (M86 MailMarshal SMTP and M86 WebMarshal) to secure incoming and outgoing traffic at the Trust’s Web and email gateways.

M86 WebMarshal delivers monitoring, reporting and filtering that allows control over which websites can be accessed by staff, what can be downloaded and how much bandwidth is used. M86 MailMarshal SMTP enables the granular control of all incoming and outgoing emails, with the ability to block spam, viruses, porn and malware from entering the network and enforce policies on staff emails sent out from the Trust’s network.

Chris Phillips, IT Security Manager for ABM, needed to secure emails sent from staff working within the hospitals and health centres, to ensure that patient information and private details were properly protected and remained confidential.

“Deploying the two solutions together meant that we could centrally manage and secure the whole network. M86’s email and Web solution offered us the ability to monitor what was happening on the network in real-time,” comments Phillips.

“M86 MailMarshal offered very granular control over inbound and outbound emails to enable us to specify different policies and rule sets across the organization as required.”

Jonathan Philips
ICT Systems Administrator
Nottingham University Hospitals NHS Trust

“As a Trust we understood the Web’s capability to accelerate and improve activities within the hospitals, but we were also concerned about the security risks. M86 WebMarshal’s granular rule set made it possible for us to allow personal usage of the Web by allocating certain times when staff could access legitimate sites, for example for online shopping and booking holidays, without exposing our network to unnecessary risks.”

Nottingham University Hospitals NHS Trust (NUH) is one of country’s largest and busiest acute teaching Trusts with an annual budget of more than £682 million. The five ICT administration staff at NUH support 12,000 end users across two hospital campuses. The team began looking for more sophisticated email content security when their existing solution triggered too many false positives on their medical related emails that then needed to be checked manually. After a comprehensive review of anti-spam products including products from Clearswift, Surfcontrol and Trend Micro they finally chose to deploy M86 MailMarshal.

“Unsolicited incoming offensive and pornographic emails were becoming a real problem,” said Jonathan Philips, ICT Systems Administrator for NUH. “M86 MailMarshal offered very granular control over inbound and outbound emails to enable us to specify different policies and rule sets across the organization as required”.

Two leading NHS Trusts prove that it is possible to secure Trust’s networks against Web or email borne malware while allowing both staff and patients to benefit from the advantages of modern technology.

Download a free evaluation software of M86 WebMarshal and M86 MailMarshal at www.m86security.com.

ABOUT M86 SECURITY

M86 Security is the global expert in real-time threat protection and the industry’s leading Secure Web Gateway provider. The company’s appliance, software, and Software as a Service (SaaS) solutions for Web and email security protect more than 24,000 customers and over 17 million users worldwide. M86 products use patented real-time code analysis and behavior-based malware detection technologies as well as threat intelligence from M86 Security Labs to protect networks against new and advance threats, secure confidential information, and ensure regulatory compliance. The company is based in Orange, California with international headquarters in London and development centers in California, Israel, and New Zealand.

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Corporate Headquarters
828 West Taft Avenue
Orange, CA 92865
United States
Phone: +1 (714) 282-6111
Fax: +1 (714) 282-6116

International Headquarters
Renaissance 2200
Basing View, Basingstoke
Hampshire RG21 4EQ
United Kingdom
Phone: +44 (0) 1256 848 080
Fax: +44 (0) 1256 848 060

Asia-Pacific
Millennium Centre, Bldg C, Level 1
600 Great South Road
Ellerslie, Auckland, 1051
New Zealand
Phone: +64 (0) 9 984 5700
Fax: +64 (0) 9 984 5720

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