



'The fact that the Network Box offered a single appliance and a single point of management was very attractive to us, and it has simplified our job in managing security.'

**Kenny McLeod**  
IT Manager

National Galleries  
of Scotland

#### **INDUSTRY** Art Organisation

Receiving over a million visitors a year, the National Galleries of Scotland provides access for the public to art from the 14th century to the present day. It consists of five galleries in Edinburgh, and two smaller galleries in Berwick-on-Tweed and Banff.

Like many medium-size organisations, IT resources at the National Galleries are limited. IT Manager Kenny McLeod heads up a three-person team that is responsible for supporting 350 employees across the four main sites in Edinburgh. Around 200 of these staff use PCs regularly.

As can be imagined, supporting these PCs and managing the IT infrastructure is a demanding task. Recently, the National Galleries decided it needed to improve its Internet security capabilities. "We already had some stand alone security solutions, but we needed to upgrade our protection," said McLeod.

After evaluating the alternatives, McLeod chose an integrated, remotely-managed security appliance from Network Box. He commented, "The fact that the Network Box offered a single appliance and a single point of management

was very attractive to us, and it has simplified our job in managing security."

"We also liked the Network Box's ability to be remotely updated to respond to new threats," continued McLeod. In use, this means that the appliance provides protection against new threats without any user intervention required from the National Galleries.

Price was a third key factor, as McLeod explained: "The Network Box works out cheaper for us than standalone solutions. Ongoing maintenance is similar, but the initial installation costs were quite a lot lower than the standalone approach."

The National Galleries uses a range of the features offered by the Network Box, including anti-spam, anti-virus, a firewall, intrusion prevention and content filtering. It is used at the gateway from the National Galleries network to the public Internet, and handles all traffic into and out of the network. It is located at the Dean Gallery site in central Edinburgh – from here, the other three main sites within the city are connected via private leased lines.

"The Network Box significantly reduced our spam problem," said McLeod. Since the initial reduction,

All trademarks are the property of their respective owners.

This case study was authorised by National Galleries of Scotland on 28 June 2004

Network Box (UK) Ltd.  
The Business Park, Technology Drive,  
Beeston, Nottingham,  
England NG9 2ND  
Web: [www.network-box.co.uk](http://www.network-box.co.uk)

Network Box Corporation Limited  
16th Floor, Metro Loft,  
38 Kwai Hei Street, Kwai Chung,  
Kowloon, Hong Kong.  
Web: [www.network-box.com](http://www.network-box.com)



National Galleries  
of Scotland

McLeod has also seen a steady reduction in spam as the Network Box learns what is legitimate traffic and what is spam.

The National Galleries has also used the Network Box's firewall to replace its proxy server. "We realised once the Network Box was installed our proxy server was redundant, so we've been able to remove it and redeploy it elsewhere," commented McLeod.

The box's content filtering function is used to restrict access to inappropriate content on the Internet. The Galleries did find they needed to change the original settings: alcohol-related web sites were blocked by default, but staff needed access to these sites as some drinks companies are important sponsors of the galleries' work. "We made a quick phone call to Network Box to just check what we were doing, then it was easy to make these changes ourselves," said McLeod.

Finally, the Network Box's intrusion prevention capability has been set at the default level to block attempts to hack into the National Galleries' network.

"There's so many capabilities in the Network Box, we're still discussing how we can take full advantage of all the features," commented McLeod.

Six months after installation, results have been positive. "To our knowledge, nothing at all has got through the Network Box in the time we've had it," said McLeod. "The Network Box has been

excellent and we've had absolutely no problems— we've had no security outages that have stopped us working."

McLeod has easy access to weekly and monthly reports on the security threats intercepted. "Our latest report shows the Network Box blocked 4,627 spam emails in a week, out of a total of 18,307 emails received." He said this figure (25%) is typical of the percentage of spams that the National Galleries receives.

The management reports also allow the Galleries' IT staff to see how many viruses or violations are blocked by the Network Box — in a typical week this will be between 150 and 200.

Maintaining and configuring the Network Box has been straightforward, mainly because it is a remotely-managed and updated service. McLeod commented, "We've been most impressed by the support we've received from Network Box."

McLeod is planning to use the Network Box's Virtual Private Network (VPN) capability: "We're in the process of setting up a VPN to securely connect one of our smaller remote sites, the art store in Edinburgh. For a site this size, a leased line would not be cost-effective."

*More information on the National Galleries of Scotland is at*

<http://www.nationalgalleries.org/>

All trademarks are the property of their respective owners.

This case study was authorised by National Galleries of Scotland on 28 June 2004

Network Box (UK) Ltd.  
The Business Park, Technology Drive,  
Beeston, Nottingham,  
England NG9 2ND  
Web: [www.network-box.co.uk](http://www.network-box.co.uk)

Network Box Corporation Limited  
16th Floor, Metro Loft,  
38 Kwai Hei Street, Kwai Chung,  
Kowloon, Hong Kong.  
Web: [www.network-box.com](http://www.network-box.com)