



MailMarshal Underpins NCC With Robust Email Security

Client:

NCC

Web Site:

www.ncc.se

Requirements:

Email Filtering

Filtering Solutions:

MailMarshal

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Lis Karlehem
Systems Manager
NCC

Background

Founded in 1875, NCC is one of the leading construction and property development companies in the Nordic region. The Group had sales of SEK 56 billion in 2006, with an average of just under 22,000 employees in that year. NCC develops and builds residential and commercial properties, industrial facilities and public buildings, roads, civil engineering structures and other types of infrastructure. NCC also offers bulk materials used in construction, such as aggregates and asphalt, and conducts paving and maintenance operations in the roads sector. NCC mainly operates in the Nordic region, but also constructs housing on a proprietary basis in the Baltic region and is involved in the construction of single-family housing in Germany.

The Challenge

In its headquarters in Sweden, NCC manages over 5000 mailboxes. On average, 75 percent of incoming email consists of unsolicited spam – that’s a lot of unwanted email attempting to enter employees’ inboxes each day. With such a high volume of illegitimate emails, combined with the increasingly sophisticated and rapidly changing nature of email borne security threats, protecting NCC systems and staff was a real challenge for the IT team. NCC previously used Trend Micro technology to meet the challenge, but was finding the cost and time needed to continuously update the protection was becoming an increasingly resource intensive task, both for IT staff and for the 5000 individual users.

“Given the complex nature of the IT infrastructure here at NCC, we needed a comprehensive solution to meet our email security needs at the gateway level that could easily be tailored to meet the individual needs of our email users as well as administered centrally from our Stockholm headquarters,” said Lis Karlehem, Systems Manager at NCC.

Fredrik Sandell, business consultant at WM Data (IT consultants to NCC) added, “NCC staff work in a highly competitive business environment where security is of utmost importance, and with spam becoming a huge burden on resources, we looked for a solution that could manage the entire email communications system from a single console, while delivering more advanced security functionalities.”

The Solution

NCC needed a content filtering solution that would remove the administration overheads involved with managing corporate email. An advocate of MailMarshal SMTP, Fredrik Sandell was able to introduce MailMarshal to the organization, confident in the knowledge that the solution was not only up to the job, but able to blow the incumbent solution out of the water.

“MailMarshal fulfills all of our email requirements, and is truly flexible, easy and effective when it comes to an email management solution.”

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ABOUT M86 SECURITY

M86 Security is a global provider of Web and messaging security products, delivering comprehensive protection to more than 20,000 customers and over 16 million users worldwide. As one of the largest independent internet security companies, we have the expertise, product breadth and technology to protect organizations from both current and emerging threats. Our appliance, software and cloud-based solutions leverage real-time threat data to proactively secure customers' networks from malware and spam; protect their sensitive information; and maintain employee productivity. The company is based in Orange, California with international headquarters in London and offices worldwide. For more information about M86 Security, please visit www.m86security.com.

The rapid email analysis engine behind MailMarshal SMTP 2006 breaks emails down into their component elements, and performs deep virus scanning and content security checks on both incoming and outbound correspondence. Completely customizable, MailMarshal SMTP 2006 offers the flexibility to apply essentially any security or quarantine procedure that is required.

The MailMarshal SMTP 2006 solution offers advanced spam protection ensuring that practically all spam never actually makes it onto the network, therefore saving valuable bandwidth and minimizing the impact of Spam on user productivity at NCC. In addition, the functionality of MailMarshal negates any risk of employees sending or receiving illegitimate or sensitive information, whether internally or externally.

The ability of MailMarshal to enforce policies based on individuals or user groups' roles within the business also offers another layer of functionality for NCC. Any outbound emails that contain customer information or certain key words, as defined by the IT department, are automatically quarantined for further investigation.

Ease of Implementation

The MailMarshal solution was easily and quickly implemented over the course of a single day and has revolutionized the way in which NCC's IT department manages email. The process to deploy the new solution was simple and the new services initially ran alongside the Trend solution. Once MailMarshal had proved itself to be the more effective and efficient solution, the Trend Micro Software was uninstalled.

“Frederik recommended that we switched from Trend to MailMarshal in spring 2006. We installed the solution for all of our Swedish users,” said Lis Karlehem.

The Benefits

With so many users at NCC, M86 has made the process of rolling out regular updates, in order to maintain protection levels, much easier and far less resource intensive. NCC users are now able to administer their own email inbox to create allowed sender lists, as well as blocked sender lists. The number of false-positives at NCC has dropped dramatically; in addition, MailMarshal can release such emails within seconds of them being quarantined. This represents a vast improvement on the previous process, which could take up to 30 minutes to release a false-positive from among the correctly quarantined Spam emails.

Administrators within the NCC IT department now have a single, web-based console, which offers granular control and visibility over email usage, as well as the ability to enforce the company's Acceptable Use Policy, which can vary from whole departments right down to individual users. The flexibility of MailMarshal enables the IT department to apply delicate policies across the business, such as blocking emails with oversized attachments, or emails that contain certain key words.

Lis Karlehem concludes, “MailMarshal fulfills all of our email requirements, and is truly flexible, easy and effective when it comes to an email management solution. It is intelligent enough to minimize false-positives that can harm our business and powerful enough to stop even the most dangerous of viruses from entering the network via email. All of this is bundled together in a solution that any competent IT administrator will be able to learn how to manage within 24 hours.”

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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 848080
Fax: +44 (0) 1256 848060

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

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