



DEK Halts Spam with Barracuda Email Security Gateway

Barracuda Networks Provides Complete Email Security Protection for Leading Provider of Screen Printing



Profile

- Industry-leading provider of screen printing equipment
- 800 globally-based email users
- 18 Satellite offices

Challenges

- Spam and virus infiltration
- Resource intensive
- Performance issues

Solution

- Two Barracuda Email Security Gateway 400s
- Two Barracuda Email Security Gateway 300s

Results

- 90% spam reduction from previous solution
- Protection against email-borne viruses and malware
- Granular email management policies

About DEK

DEK is a leading provider of equipment and processes for the high accuracy mass imaging of electronic materials. The UK-based company has developed screen printing technologies for leading-edge electronic assemblers since 1969. Through the combined strength of machines, stencils and screens, consumables and process support products, DEK delivers total support for their customers' materials deposition processes.

To ensure that its customers continue to receive this high-quality support and service, it is necessary for DEK employees to have solid, uninterrupted means of communication, company-wide as well as with customers. Before 2005, DEK struggled with keeping email, one of its most important communication channels, flowing due to increasing amounts of unsolicited email hitting employees' inboxes.

Spam Wastes DEK Time and Resources

The legacy email filtering system DEK relied on was not stopping the spam from bombarding the company's 800+ globally based email users who were located both in the field and 18 satellite offices. According to Chris Bill, IT security analyst at DEK, an estimated 20% of spam was getting through to its email users.

Originally DEK's MIS department began filtering email to ensure compliance, however, spam had become a primary issue. Previously, the MIS department would check its email filter periodically. However, this became nearly a full-time task, which included the risk that a genuine email, possibly an order from a long-standing customer, could be inadvertently deleted. Bill says, "I cannot begin to think how much time was wasted by employees."

Finding a New, Reliable, Email Security Solution

Plagued by complaints from frustrated users who had to wade through massive amounts of spam, as well as those who had lost important emails, Bill was tasked with finding a more capable email security solution that could also provide protection against ever-present threats.

Compliance was also paramount to DEK. The MIS department and DEK management were keen to stop inappropriate content from entering the company and they also needed to ensure that employees did not send email that might include inappropriate language or content to customers.

About the Barracuda Email Security Gateway

The Barracuda Email Security Gateway is the world's best-selling email security solution. It includes best-of-breed spam and virus blocking, data protection, DoS prevention, large file transfer, email continuity, encryption, and policy management—at one affordable price. As new email security requirements emerge, the Barracuda Email Security Gateway is automatically updated with new capabilities to ensure long term protection. This easy-to-use product is available in eight scalable models to fit the needs of any-sized organization. The Barracuda Email Security Gateway is also available as a virtual appliance.



"We needed a product that would be easy to use, stop spam and viruses, help us with compliance and stay within budget," says Bill. "I thought we might be asking for too much."

Barracuda Email Security Gateway Stops Spam and Helps Ensure Compliance

After researching and evaluating several solutions, Bill spoke with a Hertfordshire-based IT company that recommended a Barracuda Email Security Gateway and Bill was pleased that Barracuda Networks offers a 30-day free evaluation unit.

"It was difficult to test a potential product fully as it required (simulating real email traffic) using large volumes of unsolicited email to test effectively," says Bill. "This is why a 30-day evaluation from Barracuda Networks was put straight into a live environment, not something we would do lightly, but the benefits were immediately obvious."

The Barracuda Email Security Gateway does what it says on the tin: It stops spam, helps with compliance, protects our email users from viruses and needs very little maintenance.

Chris Bill
IT Analyst
DEK

Bill was also pleased by the Barracuda Email Security Gateway's per-user settings and quarantine. "One man's spam is another man's ham and with the Barracuda Email Security Gateway users can decide for themselves which email is to be whitelisted and which not," says Bill. "I may be interested in my weekly fishing e-zine, but perhaps no one else is."

DEK was so impressed with the results of the trial and the Email Security Gateway's affordable price that the company purchased four Barracuda Email Security Gateway models: DEK placed two Barracuda Email Security Gateways at each mail gateway, one at their UK headquarters and another at its office in Germany, in a clustered environment for redundancy. This allowed the units to share one rule base and users only needed to access one site to check their own quarantine areas.

DEK purchased two Barracuda Email Security Gateway 300s for outbound email filtering in both the UK and German offices. Internal mail servers direct email to the Barracuda Email Security Gateway in outbound mode via a fake MX zone. This ensures that the most available Barracuda Email Security Gateway receives the email to send out, which reduces the risk of downtime due to connectivity issues.

Conclusion

Overall, the Barracuda Email Security Gateway has saved DEK an immeasurable amount of time and resources. "Previously we had someone virtually full-time, manually sift through emails to determine what was spam and what was not," recalls Bill. "The time this person spent doing a miserable job is now spent doing something more interesting and constructive."

Barracuda Email Security Gateway Fast Facts

- Services up to 1,000 active email users
- Compatible with all email servers
- Easy plug-and-play installation
- Per-user settings and quarantine
- Clustering for redundancy and added capacity
- No per-user or per-server fees
- Encryption and Large File Transfer included free

About Barracuda Networks, Inc.

Barracuda provides cloud-connected security and storage solutions that simplify IT. These powerful, easy-to-use, and affordable solutions are trusted by more than 150,000 organizations worldwide and are delivered in appliance, virtual appliance, cloud, and hybrid deployments. Barracuda's customer-centric business model focuses on delivering high-value, subscription-based IT solutions that provide end-to-end network and data security. For additional information, please visit barracuda.com.

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