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## **For immediate release**

### **Gateway Protection for Password-Protected ZIP Files**

**HOUSTON, March 4 /PRNewswire/** -- Network Box have achieved the supposedly "impossible," by enhancing the Network Box system, so that it can scan for viruses and worms inside password protected ZIP files.

This cunning new technique, currently used by at least four different Internet worms, has defeated every known anti-virus gateway system to date. Indeed, one highly respected anti-virus researcher stated in the computer press that, "... anti-virus gateway products may be as useless as a chocolate teapot at detecting the worm inside the encrypted ZIP file."

Today, Network Box is the first network security product to be able to selectively block password protected ZIP files that contain viruses, at the gateway.

Enterprises place front-line anti-virus defense system at the Internet gateway. However, up until now, gateway anti-virus systems have not been able to scan inside encrypted content. Recently, the I-Worm.Bagle.h and I-Worm.Bagle.i worms, have attempted to exploit this vulnerability, by self-distributing copies in password-protected ZIP archive files. As the viral content is encrypted, the anti-virus software running at the gateway cannot scan inside and see it.

However, this viral distribution method has a weakness; the password to decrypt the contents of the archive must be passed in the email message itself. Network Box proprietary systems have the ability to use passwords found in email content to decrypt and detect for viruses inside attached password-protected ZIP files; using a full set of more than 83,000 virus signatures, heuristics and company policy blocks.

**Network Box now offers, as standard, the following technologies to block, at the Internet gateway, malicious content in password-protected ZIP files:**

1. Automatic decryption of password-protected ZIP file attachments, where the password is given in the email message content.
2. Just-in-time anti-virus signatures, based on anti-spam technology.
3. Specific anti-virus signatures to block password-protected ZIP files.
4. Company Policy filter to block either all ZIP files, or just those with password protection.
5. Attached file extension filter, to block files nested within archives; whether encrypted or not.
6. Heuristics to detect and block emerging password-style threats.
7. Real-time PUSH updates of new software, patches, and threat signatures.

The key to these technologies is the high-performance AMD based hardware platform of the Network Box, coupled with state-of-the-art software; providing the ability to perform multiple security functions, under heavy load, without degradation of network performance.

#### **About Network Box USA:**

Network Box USA, Inc., was formed in response to the escalating danger posed by security breaches, virus attacks and threats arising from widespread use of the Internet. Their mission is to provide small- and medium-sized enterprises with a computer network security solution that is effective yet affordable. Their flagship product is the Network Box Internet Threat Prevention and Security device. This single, 24/7 remotely managed solution weaves together applications that were once complex and costly into one single hybrid of hardware and software that combats hackers, worms, backdoors and other online menaces.

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