

# Backbone Announces Next Generation Steganography Detection System

FAIRMONT, W.Va., March 12 (SEND2PRESS NEWSWIRE) – Backbone Security is pleased to announce availability of the next generation of their network security appliance for detecting steganography in real-time. The Steganography Analyzer Real-time Scanner, StegAlyzerRTS, developed in Backbone's Steganography Analysis and Research Center (SARC) is the only commercially available real-time steganography detection system in the world. The latest generation of StegAlyzerRTS is capable of operating on networks with throughput of 100Mbps.

Digital steganography is an Internet era version of an information hiding technique that dates back to the days of Ancient Greece. Using digital steganography, a file can be embedded within, or appended to, another file in such a way that it cannot be seen or heard. Unlike cryptography, which translates information into an unintelligible sequence of letters and numbers, steganography conceals the very existence of the information.

The economic downturn has caused many insiders to become acutely aware of the value of the information they work with on a day-to-day basis. Information has become more valuable than money. Once spent, money is gone but information can be resold many times on the burgeoning black market for nearly any type of information.

One result of the economic downturn is that insider theft of sensitive information is increasing at an alarming pace. Insiders can use any of the 1,000+ steganography applications available on the Internet as freeware or shareware to steal personal identification information or intellectual property, for example. The current generation of network security appliances does not detect insider use of steganography.

StegAlyzerRTS detects insiders downloading any of the 768 digital steganography applications currently in the SARC's archives. Detecting this type of insider activity is an early warning indicator the insider is planning to steal sensitive information.

The system also has the capability to detect insiders using selected steganography applications through a unique signature-based detection model.

StegAlyzerRTS is available for \$14,995.00 from Backbone Security and participating business partners worldwide (international reseller pricing may vary).

## **About the SARC:**

The SARC is a Center of Excellence in digital steganography research and development within Backbone Security. The SARC has established the world's largest commercially available repository of digital steganography applications, fingerprints, and signatures and has developed industry leading computer forensics and network security steganalysis tools for detecting and

extracting information hidden with digital steganography applications.

**About Backbone Security:**

In addition to the world class digital steganography research and development conducted in the SARC, Backbone is an Approved Scanning Vender (ASV) certified by the Payment Card Industry (PCI) Security Standards Council to conduct automated PCI Data Security Standard compliance assessments with a One-Stop Scanning Solution.

Media Contact: Jim Wingate, Vice President and Director, SARC  
Voice: (877) 560-SARC, Fax: (304) 366-9163, or E-Mail:  
jwingate@backbonesecurity.com.

More information: [www.sarc-wv.com](http://www.sarc-wv.com) and [www.backbonesecurity.com](http://www.backbonesecurity.com).

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