

Digital Steganography Database Exceeds 800 Applications

FAIRMONT, W.Va., March 30 (SEND2PRESS NEWSWIRE) – Backbone Security is pleased to announce the latest version of their Steganography Application Fingerprint Database (SAFDB) contains 812 steganography applications. SAFDB is the world's largest commercially available hash set exclusive to digital steganography applications.

The database is widely used by US and international law enforcement agencies; the intelligence community; and private sector digital forensic examiners to detect digital steganography applications on seized digital media or in a network traffic stream. Discovery of a steganography application during a digital forensics examination is a strong indication the application has been, or will be, used to conceal evidence of criminal activity.

Developed in Backbone's Steganography Analysis and Research Center (SARC), SAFDB Version 3.5 contains seven different fingerprints, or hash values, ranging from CRC32 to SHA-512, of every file artifact associated with all 812 digital steganography applications in the database.

SAFDB is an integral part of the Steganography Analyzer Artifact Scanner, or StegAlyzerAS, a digital forensics application, and the Steganography Analyzer Real-Time Scanner (StegAlyzerRTS), a network security appliance that detects the presence or use of steganography in real-time.

StegAlyzerAS uses the hash values in SAFDB to detect steganography applications. It also offers the unique capability to detect Windows Registry™ artifacts. This makes it possible to identify use of a specific steganography application even if the user uninstalled the application and deleted the associated files and folders.



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StegAlyzerRTS is the world's only commercially available network security appliance capable of detecting steganography applications in real-time. It uses the hash values in SAFDB to detect steganography applications downloaded by trusted insiders in the inbound packet stream. When a detection event occurs, an alert is immediately sent to the Management Console to notify the administrators monitoring the network.

Existing customers may download SAFDB V3.5 by logging into their account on

the SARC Web site.

For additional information about Backbone's steganalysis tools, please visit www.sarc-wv.com or send email to sarc@backbonesecurity.com .

About the SARC:

The SARC is a Center of Excellence in digital steganography research and development within Backbone Security. Established to create and maintain a national repository of steganography applications, fingerprints, and signatures that can be consulted during the forensic examination of seized media, the SARC has created the world's largest hash set exclusive to digital steganography applications.

About Backbone Security:

In addition to being the leading provider of digital steganalysis tools, Backbone is a PCI Data Security Standard (DSS) Approved Scanning Vendor that conducts automated PCI DSS compliance assessments with their industry leading One-Stop Scanning Solution. Backbone also provides real-time intrusion monitoring, vulnerability assessment, penetration testing, and business continuity and disaster recovery planning services. More information: www.backbonesecurity.com.

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

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