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Addonics Announces the Saturn Cipher Hard Drive Encryption Solution
-- Mobile Encryption in Real Time for SATA, IDE or 2.5-inch IDE Drives

SAN JOSE, CA (January 3, 2006) – Addonics Technologies www.addonics.com today announced a family of hard drive enclosures which encrypt and decrypt the entire hard drive in real time, including boot sector, temp files, swap files and the operating system, without degrading system performance.

The new Addonics Saturn Cipher Enclosure kit is one of the most advanced hardware-based hard drive encryption solutions in the market. Users can encrypt SATA, IDE or 2.5" IDE hard drives. The solution is easy to deploy and implement. There is no software to install and no training is required. Using proven encryption algorithm standards (64-bit DES/TDES or 128-bit DES/TDES full disk encryption certified by the National Institute of Standards and Technology) the Saturn Cipher offers bullet proof protection to sensitive data stored inside the hard drive.

The Saturn Cipher drive enclosure can be used as an external hard drive, a removable hard drive or as a drive cartridge. In addition, Addonics customers who purchased original unencrypted Saturn drive enclosures can add the Saturn Cipher solution by just purchasing the Saturn Cipher drive enclosure MSRP $86 for the 64-bit version plus a pair of Cipher keys for the SATA hard drive enclosure. The Saturn Cipher drive enclosure works in all prior Addonics Saturn drive cradles as well as shares the same Saturn interface cables, power adapters and all other Saturn accessories.

The solution is completely plug-and-play. Encryption is achieved through an encryption key, which is inserted in the Saturn face plate prior to attaching the drive enclosure to the computer. Data is encrypted and decrypted on the fly by a certified cryptographic engine inside an ASIC without taking up any CPU resources. There is no "back door" for the Saturn Cipher encrypted hard drive if the key is lost or stolen. For organizations with large deployments, Addonics offers its Saturn Cipher key duplicating system as an option.

Saturn Cipher provides several advantages over other hardware based hard drive encryption solutions. Most hard drive encryption solutions only allow files to be encrypted on the same computer. The Addonics Cipher product series is mobile and can be used on any computer with a USB 2.0, Firewire, SATA or CardBus/PCMCIA connection. Encryption is also not limited to IDE drives. Addonics offers the only solution to support IDE and SATA hard drive encryption. Because Addonics offers the

solution in a drive kit form, users can encrypt whatever capacity hard drive they need and as many hard drives as they want.

There is no software or drivers to install to use Addonics encryption products. It can be deployed in any system running any OS, which is important in organizations with multi platform computing and legacy systems. The TCO (Total Cost of Ownership) is also dramatically reduced with hardware based encryption because there is no IT maintenance required, no software versions to maintain or updates to keep track of.

Losing data has always been a concern with encrypted storage. Should the Saturn Cipher enclosure malfunction data will not be lost because the Saturn Cipher Cryptographic Engine (SCCE) is a generic cryptographic engine and the Secure Key contains the DES/TDES cryptographic key. Users would simply replace the defective Saturn Cipher enclosure, and use their original Secure Key to access the data.

If an unauthorized user tries to comprise data, or if the Cryptographic key is missing or incorrect, the SCCE will not decrypt the hard drive. Attempts to surface scan the entire disk drive platters will also prove futile as well under this technique. Every wrong guess of the Cryptographic Key requires a hardware reset (power off the hard drive or re-attach the hard drive).

The flexibility of the Saturn Cipher family of products allows users to mix many components such as drive enclosures, cradles, USIB interface cables and power adapter to build the best encryption environment for their business. The Saturn Cipher can be easily expanded by adding optional components. The external hard drive solution with USB 2.0 connection for SATA hard drive at 64-bit encryption consists of the Saturn Cipher Drive enclosure, a pair of 64-bit Cipher keys, Addonics USB 2.0 USIB interface cable and an external power adapter for a total MSRP $112.

Addonics products are available through the company online store www.shopaddonics.com, major catalog companies, resellers, VARs and distributors, including Amazon.com, PC Connection, CDW, Buy.com, Provantage.com, Insight, and Ingram Micro.

Addonics Technologies Inc. designs, manufactures, and markets a broad line of external and mobile storage products. Addonics is headquartered at 2466 Kruse Drive, San Jose, CA 95131, Phone: 408-433-3899. Visit Addonics at www.addonics.com

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