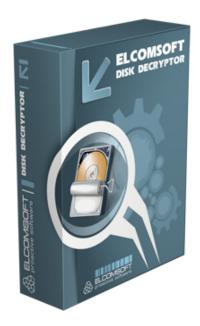# ElcomSoft Targets Windows 10 BitLocker, Instant Decryption of XTS-AES Volumes

Moscow, Russia – March 4, 2016 - ElcomSoft Co. Ltd. updates [Elcomsoft Forensic Disk Decryptor](#), a forensic tool providing access to information stored in disks and volumes encrypted with BitLocker, PGP and TrueCrypt. The new release adds support for BitLocker volumes created on computers running Windows 8, 8.1, and Windows 10.

Elcomsoft Forensic Disk Decryptor offers real-time access to information stored inside encrypted containers. Supporting all major full-disk encryption products and delivering zero-footprint operation, the tool is truly invaluable tool for conducting digital investigations.

"Microsoft tweaked BitLocker algorithms in Windows 8", says Vladimir Katalov, ElcomSoft CEO. "Windows 10 received an all-new XTS-AES BitLocker encryption algorithm in build 1511. Adding support for the new encryption schemes allows our customer remain on-track during investigations."

About Microsoft BitLocker

BitLocker is an extremely secure solution implementing full-disk encryption in computer and mobile platforms running Microsoft Windows. Developed by Microsoft, this proprietary security feature is integrated into the operating system, protecting information from external threats. BitLocker protection is extremely robust, becoming a real roadblock for digital forensics.

Microsoft introduced minor tweaks to BitLocker in Windows 8 and 10. However, it was not until build 1511 of Windows 10 for BitLocker to receive a major overhaul. In its November Update, Microsoft updated BitLocker with support for XTS-AES encryption algorithm. The newly added XTS mode provides an extra layer of protection against certain types of attacks. Since XTS-AES mode is not backward compatible with existing systems running earlier versions of Windows, this mode is an optional choice when encrypting an external drive with BitLocker to Go.

Elcomsoft Forensic Disk Decryptor adds support for the new XTS-AES BitLocker encryption mode found in Windows 10, and incorporates support for the minor tweaks to BitLocker containers made in Windows 8 and 8.1.

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About Elcomsoft Forensic Disk Decryptor

Elcomsoft Forensic Disk Decryptor provides instant access with on-the-fly decryption of encrypted data stored in popular crypto containers. Supporting desktop and portable versions of BitLocker, PGP and TrueCrypt, the tool can either decrypt all files and folders stored in a crypto container or mount the encrypted volume as new drive letter for instant access.

The tool needs access to the original decryption keys. The decryption keys are automatically extracted from memory dumps or hibernation files obtained from the target PC. It is essential that the memory dump is obtained from a live system, locked or unlocked, with encrypted volumes mounted. Memory dumps produced with most recognized forensic products are supported. Decryption keys can also be derived from hibernation files if the target PC is suspended. In either case, the encrypted volumes must be mounted at the time of acquisition or before the computer was hibernated.

Compatibility

Elcomsoft Forensic Disk Decryptor runs on all 32-bit and 64-bit editions of Windows XP, Vista, Windows 7, 8, 8.1 and 10, as well as corresponding Windows Server versions. The tool supports all legacy and current versions of BitLocker, PGP and TrueCrypt including BitLocker-to-Go and PGP Whole Disk Encryption up to and including the updated BitLocker with XTS-AES.

Pricing and Availability

Elcomsoft Forensic Disk Decryptor is available immediately. North American prices start from $299. Local pricing varies.

About ElcomSoft Co. Ltd.

Founded in 1990, ElcomSoft Co. Ltd. develops state-of-the-art computer forensics tools, provides computer forensics training and computer evidence consulting services. Since 1997, ElcomSoft has been providing support to businesses, law enforcement, military, and intelligence agencies. ElcomSoft tools are used by most of the Fortune 500 corporations, multiple branches of the military all over the world, foreign governments, and all major accounting firms. ElcomSoft is a Microsoft Partner (Gold Application Development), Intel Premier Elite Partner and member of NVIDIA's CUDA/GPU Computing Registered Developer Program.

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