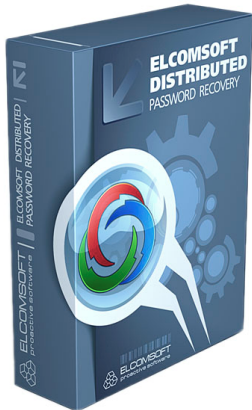# Creating a New Reality: Cracking One Billion Passwords per Second

*Moscow, Russia – October 2, 2008 – ElcomSoft Co. Ltd. announces the release of a new version of Elcomsoft Distributed Password Recovery, a high-end password recovery solution to recover a variety of system and document passwords. The new release reaches the recovery speed of **one billion passwords per second** by employing several NVIDIA video accelerators. Elcomsoft Distributed Password Recovery can recover a variety of system passwords such as NTLM and startup passwords, crack MD5 hashes, unlock password-protected documents created by Microsoft Office 97-2007, PDF files created by Adobe Acrobat, as well as PGP and UNIX and Oracle user passwords. With the newest GPU acceleration upgrade of Elcomsoft Distributed Password Recovery the passwords will be recovered up to 25 times faster than by using CPU-only mode.*

Reaching the One Billion Number with Multiple NVIDIA Cards

Today's video cards such as NVIDIA GeForce GTX280 can process hundreds of billions fixed-point calculations per second. Add as much as 1 GB of onboard video memory and up to 240 processing units, multiply it by two by using a couple of NVIDIA cards, and enter the whole new world of super-parallel computational power for just a few hundred dollars.

Until recently, the abundance of highly parallel, super-scalar processors in 3D graphic accelerators could only be used for gaming. Today, ElcomSoft has found a way to reach into the future. The company has figured out how to put computational power provided by several NVIDIA boards working together to crack many kinds of passwords.

Just slide a couple of the latest gaming video cards such as GeForce GTX280 into a compatible PC, and get all the processing power of a super-computer at your fingertips. You'll immediately get the ultimate speed to crack the most complex Windows passwords. Elcomsoft Distributed Password Recovery enjoys the unbeatable processing power provided by NVIDIA video accelerators working together to achieve the mind-blowing speed of one billion passwords per second for the widely used MD5 hashes and Windows logon passwords (NTLM).

Want to try ElcomSoft newest technologies on something else? The new release of Elcomsoft Distributed Password Recovery can try around 5,000 passwords per second for Office 2007 documents with a single GeForce GTX260, while regular Core2Duo processors can only try up to 200 passwords per second. That's 25 times faster access to important documents you may need right now! And since high-end PC motherboards can work with four separate video cards, the future is bright for even faster password recovery.

About Elcomsoft Distributed Password Recovery

Elcomsoft Distributed Password Recovery is a high-end password recovery solution for forensic and government agencies, data and password recovery services, and corporate users. Featuring patent-pending acceleration technologies and providing highly parallel operation and linear scalability with no overhead, Elcomsoft Distributed Password Recovery offers the fastest password recovery by a huge margin. With numerous unique technologies and patent-pending GPU acceleration, Elcomsoft Distributed Password Recovery is the most technologically advanced password recovery product currently available.