



Passcovery updates a family of programs for password recovery on videocards

Saint-Petersburg, Russia (November 2016) – Passcovery, supplier of high-speed password recovery solutions for files in popular formats, presents an updated family of programs, with an expanded list of supported videocards. Passcovery's innovations recover permanent passwords using NVIDIA videocards with the Pascal architecture and AMD's entire GCN family.

With the issuance of new videocards from NVIDIA and AMD, a key feature of Passcovery products – high password search speed on CPUs and GPUs – naturally launched a wave of program updates for recovery of permanent passwords on GPUs.

The result was massive program updates from Passcovery. We are offering:

- **Accent PDF Password Recovery, 1.4** for Adobe PDF
- **Accent EXCEL Password Recovery, 7.91** for Microsoft Excel
- **Accent WORD Password Recovery, 7.91** for Microsoft Word
- **Accent OFFICE Password Recovery, 9.5** for Microsoft Office/OpenOffice
- **Accent RAR Password Recovery, 3.6** for Rar3/Rar5
- **Accent ZIP Password Recovery, 4.95** for Zip/WinZip AES
- **Passcovery Suite, 3.4** for Microsoft Office/OpenOffice/PDF, Zip/Rar, Apple iOS/Blackberry OS, TrueCrypt, WPA/WPA2

The company's programs increased operational qualities and removed any detected errors.

The chief innovation was expansion of the range of supported videocards: the search for permanent passwords is conducted on all modern NVIDIA and AMD videocards, including NVIDIA Pascal and AMD Ellesmere/Baffin.

Password recovery on GPU

Videocards today are the best choice for password recovery of permanent security for many popular formats. Due to the large number of streaming processors, GPUs provide explosive acceleration of password search. The best of them can increase speed by factors of ten compared to a classical search on a CPU.

Password recovery on GPU is available on these videocards:

- **NVIDIA** with CUDA technology (NVIDIA GeForce, eighth generation and above)
- **AMD** with Stream/OpenCL technology (AMD Radeon HD 4XXX and above)

Thus, the best GPUs for a password recovery task are game videocards, rather than the NVIDIA Tesla/AMD FirePro professional lines.

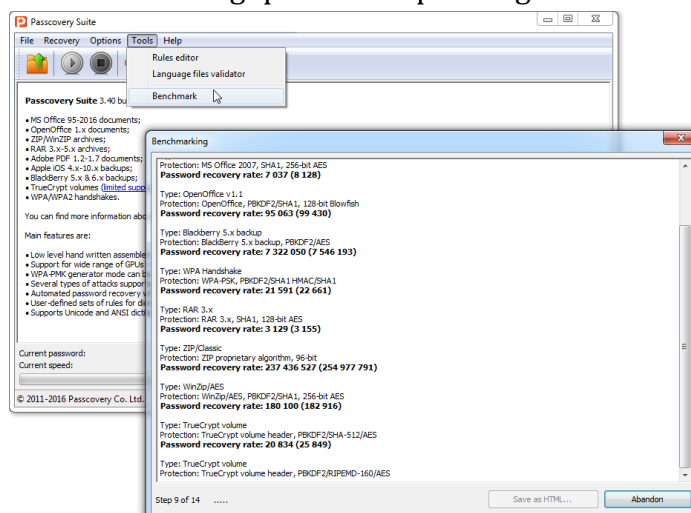
Passcovery's programs use videocards for password search for files of many popular formats:

Format		Support	GPU Acceleration
Microsoft Access	6.0 - 2007	✓	✗
	2010	✓	✓
Microsoft Excel	2-2003	✓	✗
	2007-2016	✓	✓
Microsoft PowerPoint	XP-2003	✓	✗
	2007-2016	✓	✓
Microsoft Word	2-2003	✓	✗
	2007-2016	✓	✓
OpenOffice	1.1-4.x	✓	✓
Adobe PDF	Acrobat 2-4 (RC4 40-bit)	✓	✗
	Acrobat 5-8 (RC4 128-bit, AES-128)	✓	✓
	Acrobat 9-XI (AES-256)	✓	✗
RAR3/RAR5	WinRar 2.90-5.x (AES)	✓	✓
ZIP	Zip 2.0 (Classic encryption)	✓	✓
	WinZip 9-18 (AES)	✓	✓
Apple iOS Backup	4.x-8.x	✓	✓
BlackBerry OS Backup	5.x-9.x	✓	✓
TrueCrypt	AES, (RIPEMD-160, SHA-512, Whirlpool)	✓	✓
	Twofish, (RIPEMD-160, SHA-512, Whirlpool)	✓	✓
	Serpent, (RIPEMD-160, SHA-512, Whirlpool)	✓	✓
WPA/WPA2	SHA-1/MD5	✓	✓

Speed ratings

Estimating system throughput from the point of view of password recovery is possible directly by means of Passcovery's programs – demoversions for Windows x86/x64 are freely accessible on the company sites, and any restrictions in them do not involve the password search speed itself.

In addition to direct "verification under fire", the company's flagship product – Passcovery Suite – has a built-in tool to calculate throughput when operating on files of 14 different formats:



About Passcovery

Passcovery is a supplier of high-speed professional software solutions for recovery of lost passwords, the first versions of which appeared in 1999. Today our solutions are successfully applied in investigational and state agencies, and in corporate and in-home sectors worldwide.

Company's homepage: passcovery.com

Products homepage: passwordrecoverytools.com

NVIDIA/AMD GPU Performance: [here](#)