GUIDANCE SOFTWARE

Tableau
PASSWORD RECOVERY
Unlock Protected and Encrypted Files in Your Digital Investigations

Passwords / Sec

Adding Tableau Password Recovery units can significantly increase the number of passwords attempted per second.

Key Features

- Purpose-built password acceleration powered by TACC2 hardware and industry leading Passware® software
- Seamless workflow for EnCase® Forensic, EnCase® eDiscovery and EnCase® Endpoint Security users to unlock protected files and retrieve results
- Password recovery acceleration is up to 175x faster than CPU-based solutions with much lower operating and maintenance costs than GPU-based solutions
- Linear scalability to further accelerate password recovery
- Unlocks a wide range of protected file types including MS Office, WinRAR, and WinZip

The highly publicized leaks of sensitive information in recent years, combined with the strengthening of information security practices by companies and individuals, has led to the common place use of file-based encryption and document-based password protection.
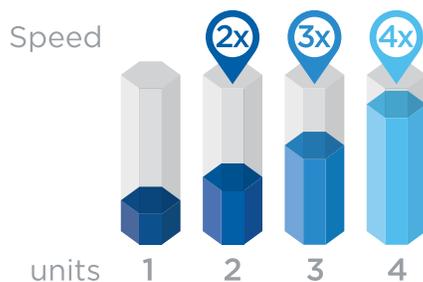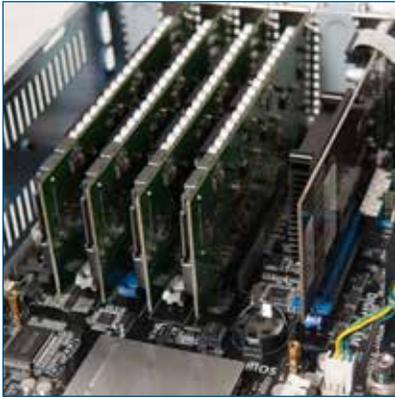
This change in practice has had an effect on digital investigations of all kinds, including forensic examinations, e-discovery matters, and sensitive data audits. Without efficient password recovery solutions, cases can quickly grind to a halt, be left incomplete, or draw unwanted doubt when encrypted or password-protected files are left unresolved. Unlocking protected files early in the investigation will reduce overall case time, revealing significant findings that affect the course of the investigation and allowing the password itself to play an active role in uncovering additional hidden information.

Tableau™ Password Recovery is a purpose-built, cost-effective, scalable, turnkey solution that simplifies and accelerates the process of identifying, unlocking and re-engaging password-protected files into an active case for digital investigators, e-discovery practitioners and security, risk and compliance professionals using EnCase.

Powerful and Scalable Password Acceleration: Unlike other password recovery solutions that are unsupported, expensive, or have demanding energy requirements, Tableau Password Recovery is:

- **Powerful** – Leverages four purpose-built Tableau® Accelerator Version 2 Field Programmable Gate Array (FPGA) cards, or TACC2 cards, for hardware acceleration of Passware® Kit Forensic, the industry leading password recovery solution

- **Fast** – Accelerates password recovery with speeds up to 175x faster than CPU-based solutions.

- **Energy efficient** – Only consumes the energy of a typical workstation, less than half of a basic GPU-based solution, which results in lower operating costs, greater stability and better server-cage management

- **Linearly Scalable** – With true linear scalability, accelerating password recovery and decreasing completion times can be achieved simply through additional purchases of Tableau Password Recovery

- **Comprehensive** – A wide-range of supported file types exist today and additional computational algorithms are provided as firmware updates, without the need for hardware upgrades

TACC2 Cards

Seamless Workflow: Tableau Password Recovery integrates directly with EnCase® Forensic, EnCase® eDiscovery and EnCase® Endpoint Security. An EnCase plugin provides an efficient workflow to submit protected files, have them unlocked, and update the active case with the newly unlocked file and passwords from Tableau Password Recovery within a few clicks. Non-EnCase users can also take advantage of Tableau Password Recovery to unlock password-protected files by submitting files manually or via a watched folder.

Key Benefits

- Improve accuracy in your digital investigations by gaining visibility into encrypted and protected files
- Easy-to-use, cost-effective solution brings powerful password recovery technologies to organizations of all types and sizes
- Energy-efficient solution that consumes no more energy than a typical workstation, lowers costs, provides greater system stability and assists with power management of server cages
- Powerful password recovery acceleration that linearly scales with additional deployments to decrease wait time on active cases
- From identification to review, seamlessly unlock password-protected files found in EnCase investigations
- Enhanced file-type support through firmware based updates

Hardware Specification	
Server Case	2U Rack-Mountable
CPU	Intel i7 Quad core 3.7Ghz
Acceleration	Four (4) Tableau Accelerator version 2 FPGA cards
Memory	32 GB
Storage	256 GB SATA III SSD
On-Board Display	5" LCD
Power Supply	400W
Ethernet	Dual 10/100/1000Mbs GbE Adapters
Operating System	Microsoft Windows 8.1 x64
Included Software	Passware Decryption Server or Passware Kit Agent