CIGENT®

Verified Data Erasure

Proliferation of devices at the edge increases risk of sensitive data being compromised. Sophisticated adversaries have developed capabilities to recover data following erasure protocol. Cigent verified data erasure provides a patented approach to ensure that all data has been permanently deleted preventing any recovery.

Verified Data Erasure: is a patented data sanitization process that permanently erases data from storage devices, ensuring it cannot be recovered by any software or data recovery methods. Even sophisticated data recovery tools designed for forensics cannot recover permanently erased data. Cigent data erasure can be initiated either on device or remotely through Cigent management console.

STEP 01

Crypto Erasure
In the initial step, Crypto Erasure executes in seconds, erases the encryption key of the encrypted data

STEP 02

Block Erasure
Next, Cigent initiates block erasure that uses the drive's internal function to electrically erase each block of storage.

STEP 03

Verificationion
Patented methodology and technology that scans each block to verify that all data has been erased. Sequences can be re-executed until confirmation is received that all data has been permanently erased.

Emergency Destruction
Proliferation of devices at the edge with sensitive data increases likelihood of loss. Cigent provides local or remote activation of remote data erasure with crypto erase executiving in seconds. Followed by block erase and Cigent patented verified data erasure provides confidence that data will not be compromised.

Address Emerging Quantum Threats
Quantum computing is rapidly becoming a reality. Scientists in China announced their 56-qubit quantum computer took 1.2 hours to complete a task that would take the world's most powerful supercomputer 8 years to finish. The best protection against future quantum computing is permanent deletion.

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Choose Cigent for Verified Data Erasure

Cigent provides unparalleled technology, ecosystem, and expertise to ensure your sensitive data is protected no matter what your mission. The Cigent solution was developed for and with US Federal agencies by leading experts in data recovery and sanitization. Cigent is a trusted partner in addressing your data protection at the edge requirements. We will work with you to understand your mission requirements and ensure you have data protection that will enable your success

Book a demo today!