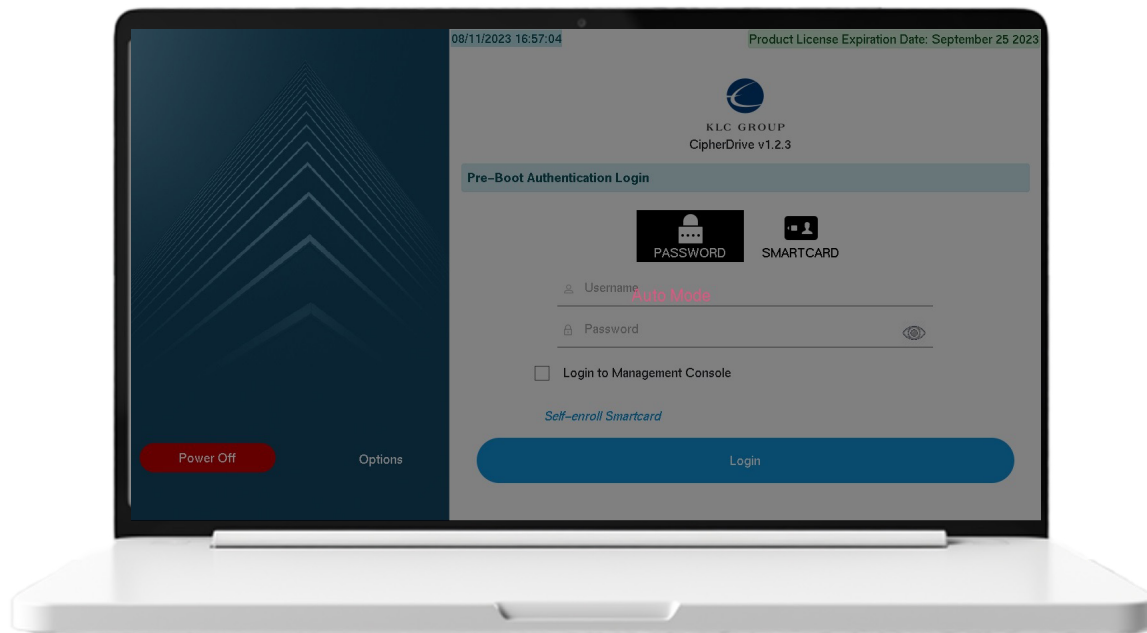




CipherDriveOne Stealth



Unified Encryption for Data-at-Rest

Experience unparalleled data protection with our cutting-edge solutions – CipherDriveOne Stealth is an integral component of our unified encryption suite. Safeguard your sensitive information with ease, efficiency, and confidence. CipherDriveOne Stealth is a pre-boot Authorization Acquisition (AA) host software solution that manages a hardware Encryption Engine (EE). This unified encryption solution allows government customers the ability to provide storage of classified, secret, and top-secret data in accordance with the Commercial Solutions for Classified (CSfC) program's hardware full disk encryption (HWFDE) standards.

Tablets



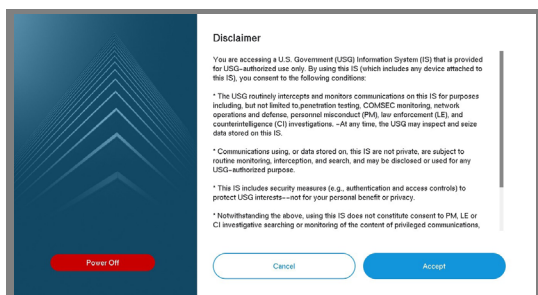
Workstations



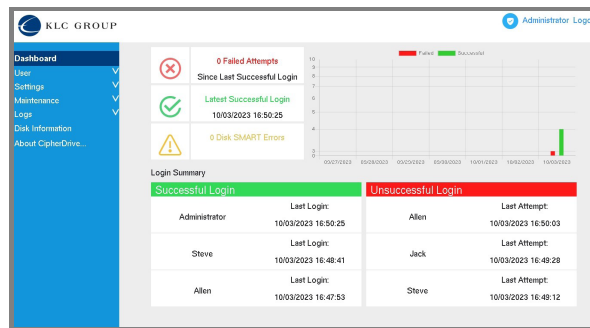
Laptops



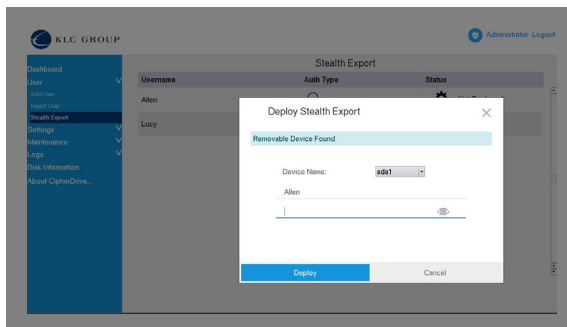
CipherDriveOne Stealth



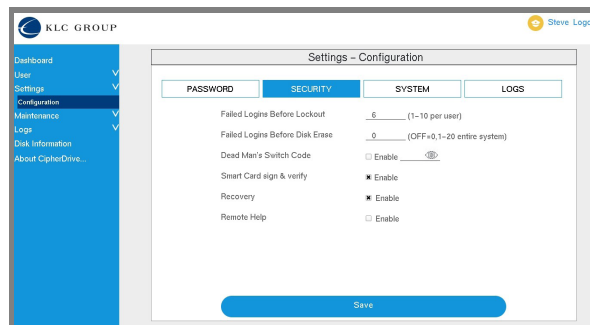
A custom disclaimer can be displayed before or after user authentication.



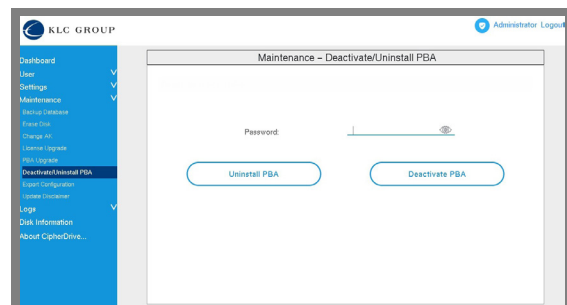
CipherDriveOne Stealth features an easy-to-use management console for setup and administration.



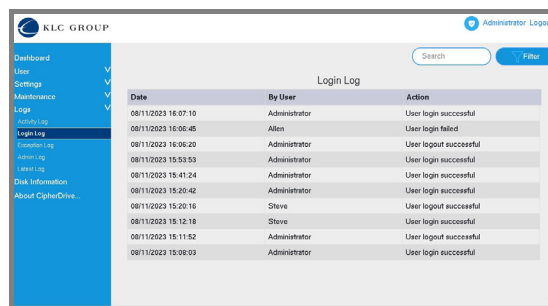
Easy and secure export of the secret token to any USB keyfob for headless authentication.



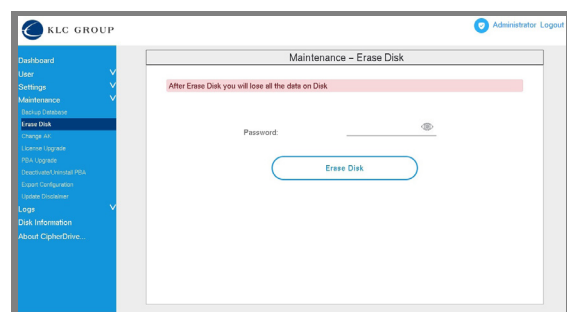
User and system settings are highly configurable from one easy to use location.



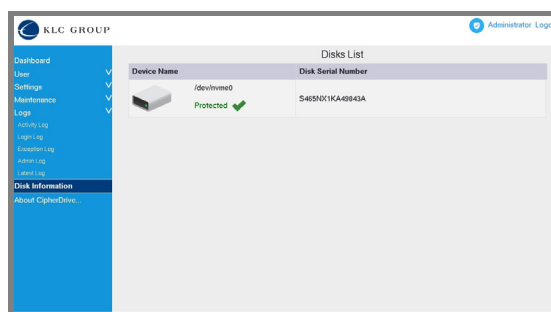
Easy upgrading and exporting of configurations for scalable deployment makes CipherDriveOne the choice of many US and NATO customers.



Detailed logging and event data is available to Administrators and Security Officers.



Administrative and rules-based crypto erase can be implemented to remove data instantly and permanently.



Visual confirmation of the harddrive(s) in the system and the one(s) that are protected by CipherDriveOne Stealth.

Technical Specifications

CipherDriveOne meets the NSA's Commercial National Security Algorithm Suite (CNSA) suite for DAR

Security Suite	CNSA Suite Standards	Specifications
CONFIDENTIALITY (ENCRYPTION)	AES-256	FIPS PUB 197
AUTHENTICATION (DIGITAL SIGNATURE)	RSA 3072 (MINIMUM)	FIPS PUB 186-4
INTEGRITY (HASHING)	SHA-384	FIPS PUB 180-4
CAN PROTECT	UP TO TOP SECRET	----

Authentication Acquisition (AA) - Single, 2FA & MFA



Username / Password



Smart Card
CAC using PIV



Yubikey
PIV



USB
Hashed Secret
(Stealth Version Only)

Encryption Engine (EE) - Advantech 2040 & 2020 Series SSDs

Encryption Engine (EE) - Seagate 515 Series SSDs

(Both Sold Separately)

- AES-256 Encryption
- TCG OPAL 2.0
- Operating Temp: 0 - 70 Celsius
- Shock: 1500G, Peak / .05 ms
- Vibration: 20G, Peak / 80-2000 Hz
- Gold plated pins
- Layer 2 tamper proof coating
- 3-year warranty
- Optional "keep your drive" for classified environments



Available in NVMe & SATA

NSA CSfC Listed - July 2024

Operation System Agnostic - CipherDriveOne Stealth Installs On Shadow Partition



Windows 10/11



RHEL



SECUREVIEW

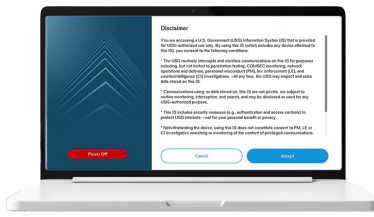


TRIITUS

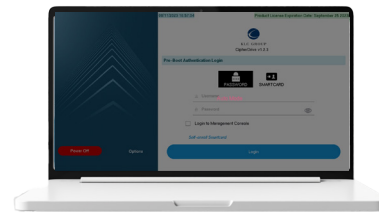
CipherDriveOne - Easy to Use



Step 1: At power off, CipherDriveOne locks the harddrive(s)



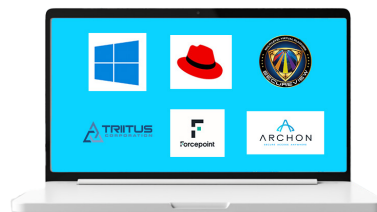
Step 2: At pre-boot, a custom disclaimer can be displayed.



Step 3: CipherDriveOne Stealth polls the USB port for the secure token.

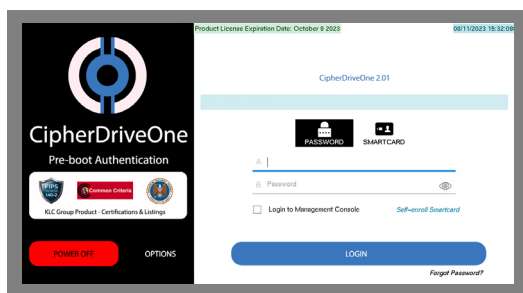


Step 4: A successful authentication will unlock the hard drive(s) and the system will soft reboot or chain-boot to the operating system.



Step 5: The operating system or thin client loads. If the system is turned off or the harddrive(s) removed, they are locked and data protected using AES-256 bit encryption

CipherDriveOne Unified Encryption Products



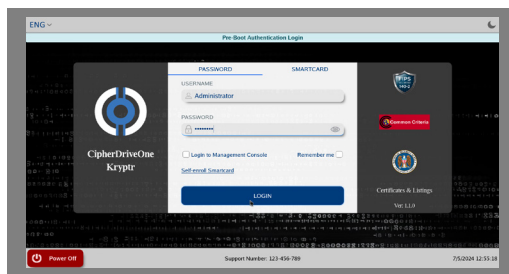
CipherDriveOne
(Single Disk HWFDE)



CipherDriveOne Plus
(Multi-Disk HWFDE)



CipherDriveOne Stealth
(Remote / UAV HWFDE)



CipherDriveOne Krypter
(Single and Multi-disk SWFDE)

CipherDriveOne™ is Common Criteria certified and on the NSA's CSfC listing for meeting the Data-at-Rest Capability Package.



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