Power LogOn®

Access Smart
Cyber Access Control

SMART CARD ENDPOINT ENCRYPTION SOLUTION FOR POWER LOGON®

Access Smart has partnered with encryption innovator Secure Channels Inc. to integrate their popular ParaDoxBox™ Endpoint Encryption Platform functionality to enhance the capabilities of the Power LogOn® software. ParaDoxBox For Power LogOn provides a seamless endpoint encryption experience for endusers while providing robust functionality for administrators.

ParaDoxBox neutralizes emerging threats and mitigates the risk of unauthorized disclosure of enterprise data - even in the event of a breach

It's estimated that 96% of data stolen in enterprise breaches was unencrypted, and therefore exposed to malicious actors. In many cases, the failure to protect sensitive data was due to the difficulty involved in deploying encryption within an enterprise environment or simply not protecting every endpoint. Secure Channels' ParaDoxBox fills these gaps by providing administrators an intuitive, user-friendly, comprehensive management interface while providing a wide array of encryption options and enterprise management functionality.

Enduser Benefits:

Ease of Use
When the Power LogOn MFA smartcard is inserted the reader, the encrypted storage becomes visible and accessible. Behind the scenes, the Power LogOn® software is authenticating the user-to-the-card, the card-to-the-endpoint, and the endpoint-to-the-server.

Ease of Encryption
ParaDoxBox uses On-The-Fly-Encryption (OTFE) to encrypt and protect data on endpoints. OTFE ensures that data is never persistently stored in an unencrypted state. OTFE incorporates multiple symmetric ciphers options, enhanced authentication technology, and enterprise controls. ParaDoxBox offers enhanced security to Power LogOn that flexibly supports various data encryption requirements.

Administrative Benefits:

Social Engineering Attack Protection
ParaDoxBox For Power LogOn supports knowledge and possession authentication credentials to provide the desired level of authentication assurance. Social engineering attacks are eliminated through the use of the MFA Smartcard and card reader technology. Administrators control the access credentials from the endpoint-to-the-server thus ensuring endusers can't ever knowingly or unknowingly share access credentials.

Pervasive Encryption
ParaDoxBox can be easily deployed to all Window's-based laptops and workstations (either by download or in an isolated sandbox environment). Once installed and registered, encrypted volumes can be created at the administrator's discretion. ParaDoxBox's administrative functionality guarantees that the Power LogOn administrator retains complete, secure control of encryption keys, ensuring data access.

Powered By
SECURE CHANNELS

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- Intuitive, easy-to-use interface
- Securely protects volumes on endpoints
- Administrators securely designate encryption scope (volume, Cloud location), encryption strength, encryption algorithm, and key hashing algorithm

"Encryption protects our data. It protects our data when it's sitting on our computers and in data centers, and it protects it when it's being transmitted around the Internet. It protects our conversations, whether video, voice, or text. It protects our privacy. It protects our anonymity. And sometimes, it protects our lives…Encryption works best if it's ubiquitous and automatic… "

- Bruce Schneier

Feature	PL-ParaDoxBox
Encryption Strength (Bits)	128 or 256bit
OTFE Encryption	Yes
Volume Encryption	Yes
Cloud-Based Containers	Yes
Multi-Algorithm Selection	Yes
Custom Authentication	Yes
Multiple Keys	Yes

Feature	PL-ParaDoxBox
Passphrase Strengthening	Yes
Trusted Platform Module	Yes
Multifactor Authentication	Yes
- Possession Factor	Yes
- Knowledge Factor	Yes
Encryption for Compliance	Yes
- FIPS 140-2	Yes
- HIPAA HiTech	Yes
- DFARS (NIST 800-171, -63)	Yes
- CJIS	Yes
- NIST Cybersecurity Framework	Yes

Operating Systems	Windows 10 (32/64bit) Windows 8 (32/64bit) Windows 7 (32/64bit)
FIPS 140-2 Compliant Algorithms	AES, 3DES
Additional Algorithms	Twofish, Serpent
Key Hashing Algorithms	SHA-256, SHA-512

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