

Power LogOn® For Critical Infrastructure

Multi-Factor Authentication and
Enterprise Password Management



Add Cyber Access Management

- ✓ Your passwords are managed and stored on prem, and not in our servers
- ✓ Secure Identity and Access Management
- ✓ Password Management to existing physical access cards
- ✓ Cybersecurity compliance with CISA, NERC CIP, SCADA, FERC, & PPD-21
- ✓ IT Centralized Password Management
- ✓ Card Life Cycle Management
- ✓ Avoid Certificate Expense and Complexity
- ✓ Password Management via VM and Active Directory
- ✓ Installs on Cloud, Enterprise Servers, Small Business Networks, or Stand Alone Computers



Power LogOn works with existing employee ID badge systems

Credential Convenience

Power LogOn consolidates functions and user credential data onto a single ID badge so that employees no longer need to carry multiple cards, phones or tokens to access different company facilities and resources.

Decreasing the number of credentials that employees carry not only improves user convenience; it also decreases the likelihood that sensitive data will be lost, forgotten or stolen. Combining high security features with user convenience makes identity management, loss discovery, and plugging vulnerabilities easier, faster, and more reliable.

Combine multiple card technologies - RFID, mag stripe, custom graphics, bar codes, and so much more - onto one CR-80 card body. IT and HR only need to issue and manage a single credential.

IT Centralized Management

Centralizing password management fixes cybersecurity's weakest link: Employee-Managed Passwords!

Power LogOn gives the IT Administrator the power to control every employee's password operations to auto-enforce security policies across multiple computers, networks, clouds, and applications.

Power LogOn integrates with Active Directory, VM, LDAP, Terminal Services, remote desktops, thin clients, cloud-based systems, and VPN connections to assign specific card-based user privileges.

Prevent Unauthorized Access

- ✓ **Multi-Factor Authentication** - guards against outsider intrusions
- ✓ **User's don't know passwords** - guards against social engineering
- ✓ **Account addresses verified before auto fill** - guards against spam, phishing and pharming
- ✓ **Passwords are not typed** - guards against key loggers and "over-the-shoulder" attacks
- ✓ **Auto log off when card is removed from reader** - Removes a network access vulnerability



Windows Logon Screen



Account Access Screen

Fast, Easy and Affordable

Power LogOn builds on your existing enterprise security infrastructure making it fast to install: no rip and replace.

Power LogOn offers a low cost of ownership with no annual subscription or renewal fees, and licenses are transferable to address employee turn-over.

Can be tailored to the different DHS's sixteen Critical Infrastructure Industries. Compliance to North America Electric Reliability Corporation (NERC), Bulk Electric Systems (BES), and Critical Infrastructure Protectins (CIP) initiatives. Addresses the government's FIPS 140-2, NIST 800-63B, and NIST 800-171 requirements. And so much more.

Implement secure MFA, identity management and enterprise password security with ... Power LogOn!

Power LogOn

Multi-Factor Authentication and Enterprise Password Management



General Information:

- ✓ **Primary Application:** Identity management, multi-factor authentication, and enterprise security
- ✓ **Secondary Application:** Strong passwords, safeguards against many hacker techniques
- ✓ **Operating System:** Windows 10 (32/64-bit), 8.x (32/64), and Win 7 (32/64)
- ✓ **Servers:** Win Server 2019, 2016, 2012 R2, 2008 and SQL Server 2014 Certified
- ✓ **Clouds:** AWS, Azure, Google, or any other cloud supporting Virtual Machine
- ✓ **Web Browsers:** Auto launch IE, Firefox, and Chrome browsers
- ✓ **Authentication factors:** Possession, Knowledge, Inherence, Encryption Keys, CUID, and Challenge/Response

Authentication & Security:

- ✓ FIPS 140-2 Verified by InfoGard®
- ✓ Up to 500 Character Length Passwords
- ✓ Identity, Keylogger, and Social Engineering Protection
- ✓ Phishing and Pharming E-mail Protections
- ✓ Unlimited number of accounts stored in LDAP directories
- ✓ Password Generator and Configurator
- ✓ Change Password Reminder
- ✓ PIN and/or Biometrics Protection
- ✓ False Authentication Card Lock
- ✓ 20 Character PIN Size
- ✓ Alpha/numeric/punctuation PIN Character Type
- ✓ Card Data Backup
- ✓ Works with Prox, Smartcard, PIV, PIV-I, CAC, RFID and more
- ✓ Card Removal Actions: User Log Off, Computer Lock Down, Computer Shut Down, Nothing, or Custom
- ✓ Secure Card Data Printout
- ✓ Card Storage Data Encryption: AES 256, SHA-256
- ✓ Session Key Negotiation
- ✓ Key Diversification
- ✓ Challenge / Response for Card/Server Authentication

Full Featured:

- ✓ FIPS 201 compliant
- ✓ DFARS NIST 800-171 compliant
- ✓ NIST 800-63b AAL-3 compliant
- ✓ Third-Party Software API Integration
- ✓ Multiple Smartcard Compatibility
- ✓ Add, View, Edit & Delete Cardholders
- ✓ Event logging in records
- ✓ Time and Attendance
- ✓ Security monitoring
- ✓ LDAP directories supported
- ✓ Database Importing & Exporting
- ✓ Supports Terminal Services
- ✓ Lost or Stolen Card Hotlist
- ✓ Recycle Cards and Licenses
- ✓ Generate Reports, & Card Data Recovery
- ✓ IT Administrator PIN Reset

Enterprise Security:

- ✓ Windows Bootup Logon
- ✓ Network Logon
- ✓ Auto Launch Web Browser
- ✓ Auto User Name & Password Fill and Submit
- ✓ Inter-/Intra-/Extra-net Logon
- ✓ Auto Record Internet Passwords
- ✓ Auto Launch Windows Applications
- ✓ Windows Applications Logon
- ✓ Unlimited Accounts Stored in Active Directory
- ✓ Data Storage Encryption Integration



System Requirements

Card Administrator

Operating System:

Windows® Server 2019, 2016, 2012/R2, 2008/R2

Server:

Server hardware should have at least 4 GB of RAM for smaller installations, and 8+ GB is recommended for 50+ users.

The use of Virtual Server technology is recommended

Employee's Computer

Operating System:

Windows® Win10 32/64, Win 8.x 32/64, Vista 32/64, Win7 32/64,

Computer:

Pentium® 233 MHz or higher, or compatible; CD-ROM drive; VGA or higher graphics; 128MB of RAM; Available USB, PCMCIA or ExpressCard port; and 70MB available hard disk space.

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