

# Power LogOn<sup>®</sup> Administrator

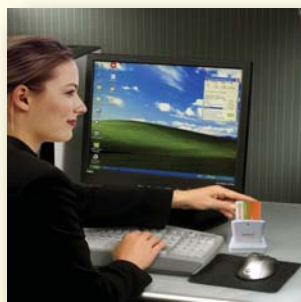
using Allegion's aptiQ<sup>™</sup> Smart Card

Cyber Security and Physical Access Control - One Card



## Cyber + Physical Access using one ID Badge

Security experts agree that multi-factor authentication is the best way to safeguard against cyber attacks. Now businesses, agencies and institutions can secure the two most important front doors: The building and the computer network. Access Smart delivers a very extensive product offering where employees will no longer have to remember, type or know their computer passwords. Data security begins with network access authentication, and network access authentication begins with Power LogOn.



## Power LogOn Administrator

Power LogOn is a secure, flexible Windows-based Single Sign On that *ensures* employees comply with network security policies and government privacy laws. With Power LogOn, users don't have to remember or type a password. Account passwords can be hidden from the user. All the card's configurations, management and policies are under the central control of IT. So a lost or stolen card won't compromise your network's security.

## Physical Access Control

Allegion's aptiQ contactless smart credential puts you in control of your physical access security by delivering smarter solutions. The credential utilizes extra layers of security protection – mutual authentication, AES 128-bit diversified key encryption, and message authentication coding (MAC), giving the highest security in the industry to each transaction between the contactless smart credential and reader. That means it has the capability of easily adapting to your specific needs.

## Encrypted Security

- PIN and/or biometric card authentication
- Smartcard data is protected if card is lost or stolen
- FIPS 140-2 Verified, OMB M-04-04 Level 3, and NIST 800-63
- Mutual authentication and encrypted with AES 256-bit diversified keys and SHA-256 Hash
- PIN and/or biometric card authentication
- Salting of Password Data Base

## Affordable, Portable and Instantly Implemented

- Affordable
- Requires no back-end server modifications
- No annual fees
- No intense user training
- Allegion's contactless smart credential can support various applications
- Implement in just days!
- The open architecture design of the aptiQ<sup>™</sup> platform means it's capable of accepting a customized key for diversified applications.

## Flexible and Customizable

- IT determines the security policies
- Purchase only cards and readers you require
- Easily combine room access/ID badge/e-payment/club membership/etc.
- Enforce company and data security
- aptiQ memory options of 2K, 4K and 8K bytes, you get the memory you need—without paying for extra memory you don't use.

## Cyber-Security Government Mandates

Access Smart's Power LogOn Administrator uses strong encryption, smart card technology and secure communications protocols that meets the Office of Management and Budget M-04-04 (*E-Authentication Guidance for Federal Agencies*), NIST Special Publication 800-63 (*Electronic Authentication Guidance*), and FIPS 140-2 (*Security Requirements for Cryptographic Modules*) for Level-3 Authentication.

# Features

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## General Information:

- ✓ **Primary Application:** Network-based computer, network, web and application user authentication
- ✓ **Secondary Application:** Card life-cycle management, password customization, and network integration
- ✓ **Operating System:** Windows XP, Vista 32/64-bit, and Win7- or 8.x 32/64-bit
- ✓ **Servers:** Win Server 2000, 2003, 2008/R2, 2012/R2
- ✓ **Web Browsers:** up to IE 11, Firefox, Chrome
- ✓ **Encryption methods:** AES-256 and SHA-256

## Authentication & Security:

- ✓ Password Manager
- ✓ Online ID Protection
- ✓ Phishing email Protections
- ✓ Keylogger Protection
- ✓ Password Generator and Configurator
- ✓ Change Password Reminder
- ✓ PIN and/or Biometrics Protection
- ✓ 6 False Authentication Attempts Lock
- ✓ 20 Maximum Character PIN Size
- ✓ Alpha/numeric/punctuation PIN Character Type
- ✓ Card Data Backup
- ✓ Works with Smartcard, RFID or Magnetic Stripe technologies
- ✓ Card Removal Action: User Log Off, Computer Lock Down, Computer Shut Down, Nothing, or Custom
- ✓ Secure Card Data Printout
- ✓ Card Storage Data Encryption: AES 256
- ✓ Session Key Negotiation
- ✓ Key Diversification
- ✓ Challenge / Response for Card/Server Authentication

## Password Security:

- ✓ Windows Bootup User LogOn
- ✓ Network Logon
- ✓ Auto Launch IE 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
- ✓ Password salting storage



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## Full Featured:

- ✓ Third-Party Software Logon
- ✓ Multiple Smartcard Compatibility
- ✓ Add, View, Edit & Delete Cardholders
- ✓ Directories supported
- ✓ Database Importing & Exporting
- ✓ Supports Terminal Services
- ✓ Lost or Stolen Card Hotlist
- ✓ Recycle Cards and Licenses
- ✓ Generate Reports
- ✓ IT Administrator PIN Reset
- ✓ Administrator Card Issuance
- ✓ Card Data Recovery
- ✓ Security Processes: FIPS 140-2 certified SSL, SHA-256, and AES-256
- ✓ Encrypted IP address

## System Requirements

### Card Administrator

#### Operating System:

Windows® 8, 7, Vista, XP, 2000, 2000 Server, 2003 Server, 2008 /R2 or 2012/R2Server

#### 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 8 GB available hard disk space.

### Employee's Computer

#### Operating System:

Windows® 2000, XP Professional/Home Edition, Vista, Windows 7 or 8.x

#### 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.