



## conpal AuthomaticOn

### Automated, secure user login - by means of flexible, efficient Enterprise Single Sign-On

Users work in a heterogeneous IT environment with a multitude of applications that usually require passwords to log in. Each additional password increases the risk of operational errors and there are considerable internal administration and helpdesk costs involved. Gartner estimates the cost of handling passwords for large companies to be 340 US dollars per user per year.

With efficient access and password management, significant savings can be achieved by simplifying complex login processes and closing security loopholes. A solution for secure, automated user login not only has to integrate smoothly with existing directory services and identity management solutions. It also has to support diverse strong authentication processes and offer the facility of incorporating any platforms on the intranet and Internet. Finally, users from mobile environments need to be able to log in easily and securely. Implementing an efficient Single Sign-On (SSO) solution is the only real answer to the challenge of password management in heterogeneous IT environments. Thanks to Single Sign-On, users are faced with only one single sign-on routine. For administrators, Single Sign-On means implementing one unified administration solution instead of numerous siloed solutions. Any vulnerabilities in the login procedures for individual systems can be offset transparently with strong passwords and login processes.

*conpal AuthomaticOn* is the Enterprise Single Sign-On solution that can easily and quickly be integrated into heterogeneous IT environments. *conpal AuthomaticOn* allows administrators to implement secure passwords for all of their applications, meaning that they no longer need to make laborious modifications to applications and target systems. The product's modular architecture allows you to individually implement even very special login processes. *conpal AuthomaticOn* can create complex passwords in the background and change them in a controlled manner according to specifications, thus supporting the most important authentication processes - passwords, smartcards and USB tokens.

Wizards enable you to integrate login processes without additional programming work. Integrating *conpal AuthomaticOn* with other applications or platforms can be done with just a few mouse clicks.

### About conpal

conpal specializes in the management of user infrastructures and development of secure system environments. In this context, we provide solutions for identity management, Enterprise SSO, strong authentication and control of IT infrastructures. These solutions are easy to integrate into existing system landscapes and transparent to users. Our customers appreciate the reliability and simplicity of our security solutions, as well as the fact that they constitute a secure investment in the future. conpal stands for recognized product quality, user-friendly software, excellent support and products in line with the market.

## Advantages

### High-level security

- ✚ Simple implementation and enforcement of standardized, consistent password policies
- ✚ Strong passwords and the latest crypto technology ensure reliable and robust authentication
- ✚ Administrators can provide protection against unauthorized access and misuse

### Simple integration

- ✚ Tools and interfaces to completely automate logins and other necessary processes
- ✚ Wizards and templates for typical applications to help administrators
- ✚ Integrated approach means higher degree of user acceptance and reduced helpdesk costs
- ✚ Decentralized password storage available for mobile users

### Easy to use

- ✚ No training expenditure for end users
- ✚ One standardized sign-on for all systems puts an end to password chaos
- ✚ Logins and password changes are transparent to users

## Performance characteristics

### System implementation

*conpal* AuthomaticOn supports many widely-used applications such as Microsoft Office, Outlook and Exchange, Lotus Notes, Internet Explorer, SAP and host emulators. The templates required for these are supplied in a template library.

### Installation

*conpal* AuthomaticOn supports the common tools for centrally managed rollout. Distribution of the product, including configuration and scripts, can be automated like any normal application. No special infrastructure is required for it.

### Security

*conpal* AuthomaticOn prioritizes security, giving priority to authentication over automation. It supports processes for strong authentication such as two-factor authentication based on possession and knowledge, biometrics, tokens and other methods. *conpal* AuthomaticOn meets industry standards PKCS #11 and PC/SC.

### Flexibility

*conpal* AuthomaticOn can be tailored to applications and infrastructures easily using the wizards. Thanks to its scripting capabilities, *conpal* AuthomaticOn has virtually unlimited potential for extension. You can generate scripts using wizards without much programming effort and without requiring training in the AuthomaticOn scripting language.

For administrators, *conpal* AuthomaticOn offers tools for fast mapping of profiles as well as debugging and analysis tools for integration at all levels. Work involving passwords and other processes can be fully automated.

### Extensibility

A range of interfaces gives you the option of tailoring *conpal* AuthomaticOn to your individual needs. Using *conpal* AuthomaticOn, you can provide one standardized sign-on process for mobile devices, thin clients, phones with NFC, RFID solutions and even IT-based technologies for physical building security.

### Mobility

With *conpal* AuthomaticOn, user credentials can be stored in encrypted form on the end device, supplied in encrypted form over the network, saved securely on a token or smart card or even generated on a smart card or token.

### Future-proofing

The roadmap for *conpal* AuthomaticOn provides for integration with popular directory services and federal systems for identity management. Existing functions of *conpal* AuthomaticOn for recording and displaying system events are extended to meet legal compliance requirements with full transparency for the users.

### System administration

- Windows Installer (MSI)-based installation
- Can be configured via Microsoft Management Console (MMC)
- Requires no special additional server components but supports server approaches
- Policy distribution using
  - Active Directory or compatible solutions
  - alternative distribution mechanisms

## System requirements

### Hardware

- Typical Windows operating system requirements
- PC with Intel Pentium or compatible processor
- At least 25 MB free storage capacity

### Operating Systems

- Microsoft Windows 7
- Microsoft Windows 10
- Microsoft Windows 2003 Server Standard Edition
- Microsoft Windows Server 2008
- Microsoft Windows Server 2008 R2, 2012 R2

### Network

- All networks that Windows supports

## Complementary products

- *conpal* AccessOn: policy enforcement for applications, data and storage management, control of plug and play devices
- *conpal* CerbalOn: strong authentication with smart cards and USB tokens. *conpal* CerbalOn replaces conventional Windows passwords with certificate-based values, thus protecting users from the possibility of their operating system passwords being compromised (no server infrastructure required).

## Language versions

- English, German

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