HOWARD ™
TECHNOLOGY SOLUTIONS

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Security & Identity Solutions
IDENTIPHI SINGLE SIGN-ON

One identity for access to enabled applications, systems and websites.

Benefits

Strict Credential Management
Enforce strict policy for creating, using and maintaining credentials.

Strong Proof of Identity
Supports both username/ password and multi-factor (smart card, token, or biometric) authentication at network and application levels.

Protect Access to Data
Enforce assigned access rights and audit user authentication activity.

Faster and Easier Logins
Provide users with rapid access to applications without the hassle of account lockouts and expired passwords.

Enhance Users' Productivity
Reduce the time users spend managing credentials and logging into corporate systems.

Reduce Help Desk Costs
Credential resets account for up to 40% of help desk costs according to many leading analysts.

How Single Sign-On Works ▶
When a user signs into the network, IdentiPHI Single Sign-On launches and provides them seamless access to applications, websites and mainframe terminals.

Single Sign-On — Streamline Access to Corporate Systems

Protect your network and corporate information with IdentiPHI Single Sign-On. Reduce the impact of identity proliferation by providing users with a single identity — seamlessly creating, issuing, managing, and maintaining the linked credentials. By removing credential management from users and enforcing strict security policies, IdentiPHI Single Sign-On enhances network security, improves employee productivity, assists with legislative compliance, and drives down operational costs.

Key Features

Solve Credential Management Issues
- Provide users with a single identity to authenticate for streamlined access to linked systems
- Optional password storage on smart card capability

Strengthen Network Security
- Achieve strict authentication requirements at the application level
- Integrate with IdentiPHI Advanced Authentication solutions
- Optional user data store encryption using PKI based credentials from smart card
- Generate one time passwords
- Optional use of AES cryptographic algorithm to encrypt user's data store
- Guard against phishing attacks

### Centralize User Account Management
- Manage users' accounts from a central location in the directory
- Distribute policies across user groups using group policy support

Meet Legislative Requirements
- Assist with realizing proof-of-identity, enforced access rights and auditability

Deploy Seamlessly into Existing Identity Management Architectures
- Deploy into existing directory identity repositories — no additional infrastructure costs
- Interoperate with user provisioning systems for streamlined identity management
- Integrate with out-of-the-box and in-house applications
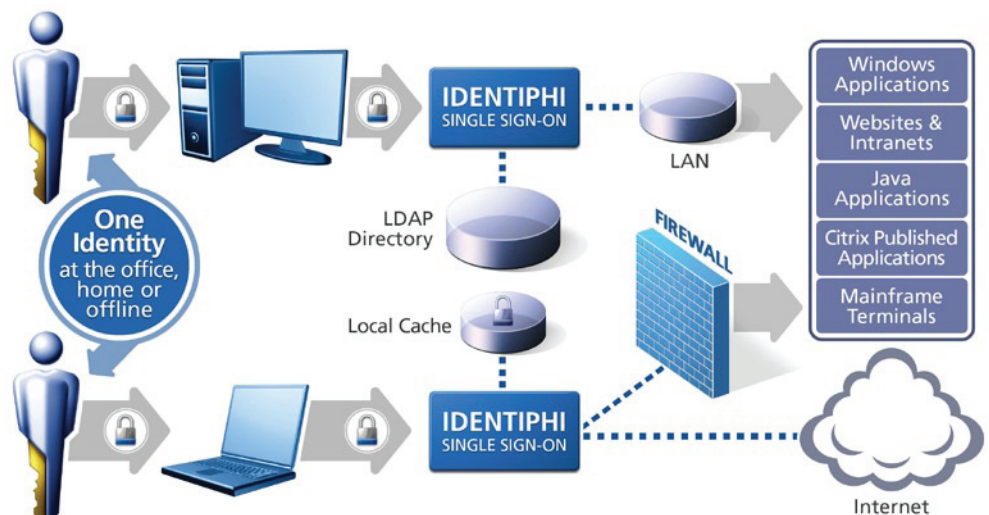
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Specifications

Directory Support
- Microsoft Active Directory®
- Microsoft Active Directory Application Mode (ADAM)
- Novell® eDirectory™
- LDAP compliant directories

Provisioning System Support
- IBM ITIM
- Novell® Identity Manager

Servers
- Microsoft® Windows® Server 2003
- Microsoft Windows 2000 Server SP 4
- Microsoft Windows 2000 Terminal Server

Clients
- Microsoft Windows XP
- Microsoft Windows 2000 Workstation SP4

Browsers
- Internet Explorer 5.01 or later
- Mozilla Firefox 1.0
- Citrix® support
- Citrix MetaFrame Presentation Server™
- Citrix MetaFrame XP™
- Citrix MetaFrame™ 1.8
- Published applications and desktops

Management Tools
- Microsoft Management Console (MMC) Active Directory Users and Computers snap-in
- IdentiPHI Single Sign-On Administrative Management Utility
- IdentiPHI Single Sign-On Personal Management Utility

Single Sign-On for Windows Applications
Provides predefined sign-on to applications such as:
- AOL® Instant Messenger™
- BMC® Remedy® ARUser & Notifier
- Cerulean® Trillian
- Cisco® VPN
- Citrix Program Neighbourhood & Agent
- Check Point® Firewall 1™
- Cyberview®
- Entrust® Client & Server
- Entrust® Entelligence Client
- ExcelCare Application
- Hornbill® SupportWorks

- Lotus Notes® v5, v6.5, and Lotus organizer® v4, v5
- MEDITECH
- Microsoft ActiveSync®
- Microsoft Outlook Express®
- Microsoft SQL Server
- MSN® Messenger v4.5, v4.7, v5 & v6
- Novell BorderManager® VPN Client
- Novell Groupwise® Client & Notify
- Novell iFolder®
- Nsure Audit Support
- Optima
- Symantec PCAnywhere™ 8.0
- SAP® 6.2
- Targetfour HEAT Call Logging
- Yahoo!® Messenger and many more

Powerful Web Support
- Standard and framed web pages
- Complex forms and login pages
- Pages containing radio buttons and checkboxes
- Java AWR and SWING GUI applets and applications
- Web proxy servers

Extensive Terminal Emulator Support
Full support for more than 150 mainframe, UNIX®, ANSI® and custom terminal emulators including:

- Popular 3270 and 5250 emulators from Eicon®, WRQ®, Wall Data®, IBM®, NetManage®, Jolly Giant, Pericom®, and more
- Telnet emulators from WRQ, IBM, Microsoft, Novell and Tera term
- Many healthcare emulators, including HBO, Meditech, Lawson®, and 3M®
- Most ANSI and text-based emulators

Security
- Protects credentials with triple DES encryption
- Optional use of AES cryptographic algorithm to encrypt user's data store
- Passphrase protection against unauthorized administrator access
- Optional password randomization
- Optional user data store encryption using PKI based credentials from smart card

- Optional password storage on smart card
- Supports SNMP error and event monitoring
- Application layer of administration security in addition to directory-based ACL data security
- Built-in security prevents unauthorized access to user credentials
- Automated password randomization
- Supports login, password change, expiration and almost all application error conditions

Deployment
- Distribution via Novell ZENworks®, IBM Tivoli, Microsoft SMS and CA® Unicenter®
- Attribute provisioning tool provides bulk import of user credentials from third party applications
- Import and export functions allow settings and data to move across different directories
- Digitally signed and encrypted XML files available for configuration distribution
- Supports Microsoft Group Policy Object for control over credential and application definition

For more information on IdentiPHI Single Sign-On, please contact:

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