

# DigitalPersona® Pro

Strong Authentication for Secure, Simplified Sign-On

*Organizations benefit through significantly tightened security, increased productivity and improved identity management.*

*Users benefit from the convenience of not having to remember, update and manage multiple passwords.*

*Administrators benefit through the elimination of user behaviors that compromise security, reduced support calls and simple "out-of-the-box" deployment.*

## DigitalPersona Pro Delivers:

- **Reliable, convenient fingerprint-based authentication**
- **Alternative to passwords, tokens, smart cards or PKI**
- **Secure access to network and applications**
- **Powerful, centrally-managed authentication platform**
- **Flexible user- and group-based policy management through tight integration with Microsoft Active Directory**
- **Precise event logs to achieve regulatory compliance**

## The Password Dilemma

Organizations face increasing pressure to secure their networks and applications from unauthorized access—spending countless hours and dollars to address the vulnerabilities they encounter. Their efforts are often aggravated by the practices of users that do not adhere to policies and procedures. With users writing down passwords, sharing them with others or utilizing the same ones for multiple applications, password-based authentication remains the weakest link in the security chain.

## Secure Authentication

DigitalPersona Pro revolutionizes authentication with its state-of-the-art fingerprint recognition technology and, unlike password and token-based solutions, is an identifier unique to each person that can not be utilized by others. Users simply tap DigitalPersona's award-winning fingerprint reader to authenticate to any network, application or Web site. By taking passwords and their management out of the hands of users, security is enhanced, help desk costs are reduced and life for everyone—users and administrators—is improved.

## Cost-Effective Control

Adding fingerprint-based authentication results in measurable financial benefits and a rapid return-on-investment. By removing the need for users to remember passwords, there is no need to worry about password resets or fielding support calls due to lost or forgotten passwords. And unlike Single Sign-On, Tokens, Password Self-Reset and other solutions, fingerprint-based authentication is not only less costly, but more secure and more convenient.

## Powerful Management

DigitalPersona's server software is tightly integrated with Microsoft® Active Directory® to auto-generate, serve and update passwords for every application and account. DigitalPersona Pro leverages the policy management and administrative tools inherent in Active Directory to provide centralized user account management and control. As a result, passwords and their management are completely automated, creating a convenient and more secure environment for both users and administrators.

## Flexible Authentication

DigitalPersona Pro allows administrators to establish the authentication practices that best suit their particular environments. By utilizing DigitalPersona's multi-factor authentication feature, different security levels can be established depending on specific access needs to various networks, applications or online services. DigitalPersona Pro supports fingerprint, password and smart card authentication policies—and specific combinations of these—to provide security controls by user or by groups. No matter what the user requirements, administrators have the ability to grant or deny access.

## End-to-End Solution

DigitalPersona Pro is a complete turnkey client-server solution that includes a USB fingerprint reader—or keyboard with integrated fingerprint reader—workstation software and server software. With a convenient, "out-of-the-box" design, it is easy to install and manage. Administrators can quickly enable users throughout the organization while maintaining the utmost control, security and productivity.



digitalPersona.

**FEATURES**

**One Touch™ Logon**

Adds increased security and convenience to Windows™ logon by adding fingerprint-based authentication to the Windows logon procedure. One Touch Logon automates the username and password sign-on procedure, making it unnecessary for users to remember username and password information. Authentication policies with a variety of security settings are available through common Windows administration tools that allow administrators to require a combination of both fingerprints and passwords to log on.

Specific combinations of fingerprint, password, and smart card policies are supported. Simple 2-factor authentication-fingerprint plus fingerprint PIN-can also be used.

**One Touch Sign-On**

Simplifies and secures access to password-protected, third-party software applications and Web sites. Just tap the fingerprint reader to automatically and securely fill in all logon fields, such as user name and password fields, on any web site or Windows logon screen. As with One Touch Logon, passwords can be randomly selected by Pro so that even the user does not know what the password is.

One Touch Sign-On also supports Java and terminal-based applications. Requires no scripting, programming or professional services. Support includes:

- ¥ Microsoft Windows applications
- ¥ Web applications
- ¥ Mainframe systems and applications, including: IBM AS/400 (5250), IBM OS/390 (3270), and Unix Telnet
- ¥ VPN logons, including Cisco and Check Point
- ¥ Citrix logon, including support for DOS 32-bit, NFuse, and Java clients

**One Touch Unlock**

Allows users to quickly lock your workstation and unlock it using the credentials specified by the logon policy.

Non-networked, individual users can easily lock and unlock their workstation by a single touch of the fingerprint reader, making their computer more secure whenever they step away from their desk.



**SPECIFICATIONS**

*DigitalPersona Pro Server*

**System Security**

- Server-Based Authentication
- Data Encryption
- ¥ User data (passwords, fingerprints)
- ¥ Client-server communication
- ¥ 128-bit RSA RC4 stream encryption

Data Signature

- ¥ User data (passwords, fingerprints)
- ¥ 1024-bit RSA signature

**Database Support**

- Windows Active Directory
- ¥ Windows user record extension
- ¥ Schema extension utility
- ¥ Access control

**Fault Tolerance**

- System Data Replication
- ¥ Using Active Directory replication services

Authentication Services

- ¥ Automatic failover

**Scalability**

- ¥ Up to 100,000 users per network
- ¥ Up to 1,000 users per Pro Server
- ¥ Load balancing between Pro Servers

**Management**

User Interface

- ¥ Native Windows management via Group Policy Object (GPO) editor

Administrator Access Rights

- ¥ Supports Windows Server delegated administration

Security Settings

- ¥ Cached credentials
- ¥ Authentication policies
- ¥ Server authentication
- ¥ Fingerprint False Accept Rate (FAR) settings

Performance Settings

- ¥ Logon identification list
- ¥ Maximum fingers per user

**Auditing**

- ¥ Centralized audit logs
  - Domain-wide support
- ¥ All authentication and user record modification events logged in Windows Event Log

*DigitalPersona Pro Workstation*

**Operating System Logon**

- ¥ Logon to local PC
- ¥ User identification/authentication

**Application Logon**

- ¥ Logon to Applications
- ¥ Fingerprint verification of current Windows user
- ¥ Support Windows 32 logon screens
- ¥ Supports Web site logons
- ¥ No scripting or programming required

**Remote Installation**

- ¥ Supports MSI-compatible installers
- ¥ Supports Windows 2000, 2003 GPO installation

**Deployment Options**

- ¥ Standalone desktop PC
- ¥ Networked desktop PC
- ¥ Networked PC with Server
- ¥ Laptop PC (docked/undocked)

**Biometric Software Features**

- ¥ Fingerprint recognition algorithm
- ¥ Local- or server-based authentication

**REQUIREMENTS**

*DigitalPersona Pro Server Software\**

- ¥ PC with Pentium Processor
  - ¥ Microsoft Windows Server™ 2003 or 2000 Server
  - ¥ Microsoft Windows Server™ 2003 or 2000 Server Active Directory
  - ¥ 10MB of available hard disk space
  - ¥ Additional 1K-5K hard disk space per user
- \*Installs on Windows Domain Controller

*DigitalPersona Pro Workstation Client Software*

- ¥ PC with Pentium 233MHz or higher processor, Pentium III Recommended
- ¥ Microsoft Windows 98\* Me\*, NT 4.0, 2000, XP
- ¥ 128M of RAM or above
- ¥ 50 MB of available hard disk space
- ¥ CD-ROM drive
- ¥ Microsoft Internet Explorer 6 browser or later\*\*

\*Requires Windows Active Directory Client for Windows 98; multi-factor authentication is limited to fingerprint or password; and does not support One Touch Internet.

\*\*When using One Touch Sign-On and One Touch Internet

*DigitalPersona Pro Fingerprint Reader*

- ¥ Available USB 1.0, 1.1, or 2.0 port

**ORDERING INFORMATION**

**DigitalPersona Pro Server**

- ¥ DigitalPersona Pro Server CD
- ¥ DigitalPersona Administrator Guide

**DigitalPersona Pro Workstation with Fingerprint Reader**

- ¥ DigitalPersona Pro Workstation CD
- ¥ Quick Start Guide
- ¥ Fingerprint Reader

**DigitalPersona Pro Workstation with Keyboard and Integrated Fingerprint Reader**

- ¥ DigitalPersona Pro Workstation CD
- ¥ Quick Start Guide
- ¥ Keyboard with Integrated Fingerprint Reader

DigitalPersona Pro Software Development Kit (SDK) available to extend authentication to non-standard applications.

Maintenance and Service agreements available through authorized reseller or contact DigitalPersona Sales Support at 800-378-2738 (US) or +1 650.474.4000 for more information.

Technical assistance available through authorized reseller or through DigitalPersona Technical Support online at [www.digitalpersona.com/support](http://www.digitalpersona.com/support).