DigitalPersona® Online

Internet Fingerprint-Based Authentication

DigitalPersona Online:

- **Replaces vulnerable passwords with convenient fingerprint-based authentication.**

- **Secures access to customer, partner and employee facing Internet applications.**

- **Provides event logs to assist with regulatory compliance.**

- **Enables fingerprint-based remote access through terminal services and Citrix.**

Web-based applications impact every aspect of business. Examples of mission-critical applications include:

- Transacting with and servicing customers (Business-to-Consumer)
- Exchanging corporate information, goods and services with partners (Business-to-Business)
- Interacting with employees to ensure the successful completion of their daily tasks (Business-to-Employee)

The business liability associated with protecting online information has increased significantly. As a result, Internet security and privacy are two of the most important issues facing businesses today.

Security and Convenience

DigitalPersona Online provides fingerprint-based authentication to virtually any web application. DigitalPersona Online is an end-to-end server and client software that enables businesses to provide increased security to customers, partners and employees. Fingerprint authentication eliminates the need to remember passwords.

Differentiate Your Service

DigitalPersona Online allows businesses to differentiate and extend their services to partners and customers creating a high level of user confidence that can only be achieved through strong authentication methods based on verifiable user identity.

Reduce Support Costs

DigitalPersona Online produces measurable financial benefits and a rapid return-on-investment. By removing the need for users to remember passwords, support calls for lost or forgotten passwords are eliminated. The results are dramatically increased customer and partner satisfaction and decreased help desk and support costs.

Privacy by Design

DigitalPersona Online was designed to protect the privacy of users' biometric data by transferring authentication information using a combination of encryption, digital certificates and PKI. DigitalPersona Online uses fingerprint templates which means that fingerprint images are never stored. The architecture supports the encryption and complete isolation of user templates from any other individually identifiable data. This unique design provides the ultimate in privacy and protection.

Hardware Interoperability

The greatest boon to the biometric market is the influx of fingerprint readers built into business notebook computers. DigitalPersona Online supports most of the swipe readers built into notebook computers, as well as the DigitalPersona optical U.are.U® Fingerprint Readers. This eliminates, in some cases, the need to purchase additional hardware and maintains your customers' investments.
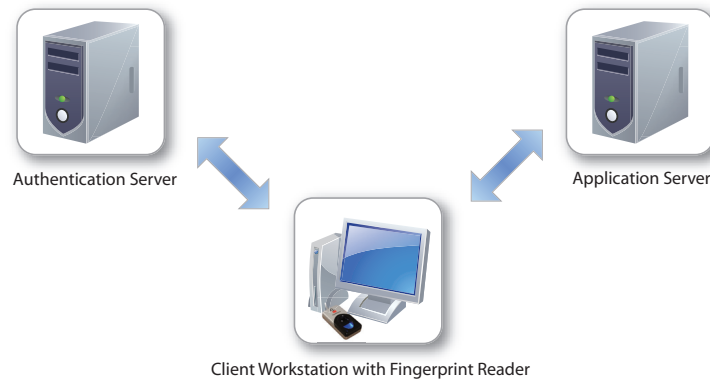
Easy Implementation

DigitalPersona Online seamlessly integrates with Windows, Linux, Mac OS X server-based operating systems, multiple web servers and all of the major commercial database environments to provide secure and trusted fingerprint-based authentication for business-to-consumer, business-to-business and business-to-employee transactions.

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DigitalPersona Online Deployment

- Authentication Server performs authentication for authorized DigitalPersona Online-secured web applications.
- Application Server hosts DigitalPersona Online-secured web application and stores authentication credentials.
- Client software with fingerprint reader allows user to authenticate to DigitalPersona Online-secured web application.

Authentication Server   Application Server

Client Workstation with Fingerprint Reader

Server Software

The DigitalPersona Online Server is a reliable and scalable backend authentication server built to provide fingerprint authentication for any online application.

System Requirements

Minimum Hardware Requirements

- Pentium processor
- Minimum RAM
    - Database Server: 128 MB
    - Authentication Server: 128 MB
- Minimum free disk space
    - Database Server: 1 GB
    - Authentication Server: 5 MB

System Software Requirements

- Supported operating systems
    - Windows Server 2008, 2003 and 2000
- Supported Web Server Software
    - Microsoft IIS 4.0 or later
- Supported Database Software
    - Microsoft SQL Server 7
    - Microsoft SQL Server 2005 and 2000

Security

Security Features

- PKI security
- 128-bit HTTPS/SSL communication

Client Software

The DigitalPersona Online client provides the user interface for fingerprint registration and matching and secure communication between the client, authentication server and web server.

System Requirements

Minimum Hardware Requirements

- Pentium processor
- USB port

System Software Requirements

- Supported operating systems
    - Windows 7 (32/64 bit*)
    - Windows Vista (32/64 bit*)
    - Windows XP (32 bit)

Web Browser Support

- Internet Explorer 4.0 or later

Fingerprint Hardware

- Support of PCs with built-in fingerprint readers
- DigitalPersona fingerprint peripherals

*DigitalPersona Online client software requires a 32 bit version of Internet Explorer on 64 bit machines.

SDK (Application Server)

The DigitalPersona Online SDK includes sample code application side components and an integration guide that will allow any web developer to easily add fingerprint authentication to an online application. Examples include ASP and JSP.

Supported Software

- Supported operating systems
    - Windows Server 2008, 2003 and 2000
    - Solaris 2.6, 7.0, 8.0 and 386
    - Linux 6.2 or later
    - Mac OS X
- Supported Web Server Software
    - Microsoft IIS 4.0 or later
    - Apache 1.3 or later
- Supported Database Software
    - Microsoft SQL Server
    - Oracle
    - ODA-compliant databases
    - JDBC-compliant databases

Ordering Information

DigitalPersona Online Server Package
- Online Server Software
- Online Client Software
- Online SDK

DigitalPersona Online Client Package
- Online Client Software
- U.are.U Fingerprint Reader