HID DigitalPersona® Premium
The Right Mix of Factors
Overview

HID’s DigitalPersona®, a key element within HID Global’s multi-factor authentication portfolio, transforms the way IT executives protect the integrity of the digital organization by going beyond traditional two-factor and multi-factor authentication. DigitalPersona Premium builds on the fast and secure Windows® Logon and VPN access found in DigitalPersona Logon for Windows, adding advanced integration options to secure all applications, systems and networks.

Additional client and server components included in Premium are SSO, Access Management API and Password Manager modules. Premium offers the ability to deploy the optimal set of authentication factors for every user, application, device and network — moment by moment. It accomplishes this while uniquely serving IT through unparalleled ease of integration and ongoing maintenance.

DIGITALPERSONA® BENEFITS:
- Closes Every Gap
- Complete Coverage
- Human-proofed
- Rapid Adaptibility
Full protection requires organizations to eliminate their dependence on the ability of humans to adhere to complex authentication policies. DigitalPersona offers a human-proofed solution that delivers the right level of security through the broadest possible selection of authentication factors delivering a completely frictionless user experience and the strongest protection available in the industry.

**Key Benefits**

**Closes Every Gap**
In addition to the traditional set of authentication factors — what you have, are and know — DigitalPersona offers authentication for the contextual risk factors of time, location and behavior. The latter cover what you do, where you are and when you act, allowing you to precisely match your risk exposure to the optimal security posture for your organization.

**Complete Coverage**
Complete coverage is finally possible. DigitalPersona supports ALL your applications, including web, cloud, Windows, mobile, VDI and VPN. DigitalPersona goes beyond contemporary applications to include even legacy mainframe apps, which continue to play a vital role in many organization’s computing environments. And with DigitalPersona, ALL your constituencies are covered – employees, customers, vendors and partners.

**Human-Proofed**
DigitalPersona’s widest array of authentication factors eliminate both the reliance and burden on users enabling organizations to lead with strong authentication postures without fear of compromise due to lack of user compliance. The range of authentication options means you’re never forced down a predetermined path. With this unprecedented freedom of choice, organizations can balance usability and protection based on specific security goals.

### Composite Authentication

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RAPID ADAPTIBILITY

With DigitalPersona, you can leverage your existing IT infrastructure and deploy more quickly than other solutions on the market today. Organizations are typically up and running in days—not weeks or months. DigitalPersona also provides native support for Active Directory, Azure AD and Office 365, enabling you to leverage your existing Microsoft expertise. Administration is simplified: no proprietary tools are needed to learn, manage or administer the system.

You can implement with minimal disruption, total staffing flexibility and both lower up-front and on-going overhead costs. DigitalPersona’s extensible architecture also provides peace of mind. DigitalPersona is designed to easily accommodate new authentication factors as they emerge.

Premium Key Components

<table>
<thead>
<tr>
<th>CLIENT MODULES</th>
<th>ACCESS SERVER MODULES</th>
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<tbody>
<tr>
<td>DigitalPersona Client</td>
<td>and DB (AD or LDS)</td>
</tr>
<tr>
<td>DigitalPersona Console with</td>
<td>DigitalPersona RADIUS VPN Extension</td>
</tr>
<tr>
<td>Enrollment, Policy Engine and Core</td>
<td>DigitalPersona Identity Provider</td>
</tr>
<tr>
<td>DigitalPersona Mobile Enrollment Client</td>
<td>DigitalPersona ADFS Extension</td>
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<tr>
<td>DigitalPersona Password Manager</td>
<td></td>
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<tr>
<td>DigitalPersona SSO Portal</td>
<td></td>
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<tr>
<td>DigitalPersona Access Management API</td>
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</tbody>
</table>

DigitalPersona Logon for Windows
- Provides fast and secure device logon
- Includes behavioral and contextual risk-based policies

DigitalPersona Client
- Connects to DigitalPersona server for enrollment, authentication and policy enforcement
- Provides tools for user enrollment

DigitalPersona Console with Enrollment, Policy Engine and Core
- Offers strong attended enrollment on a Windows mobile platform to onboard users in disconnected mode

DigitalPersona Mobile Enrollment Client
- Enforces strong MFA for Windows, web and legacy apps
- MFA unlocks username/password to fill in authentication forms
- Includes password randomization and self-serve reset

DigitalPersona Password Manager
- Allows for app integration using OpenID Connect or WS-Fed protocols
- Provides browser-based SSO Portal for accessing OpenID Connect or WS-Fed enabled apps

DigitalPersona SSO Portal
- MFA authentication SDK for custom app integration
- Native SDK - interfaces include C#, Java and .NET
- Web services interface – for integration with web apps
- Eliminates the need for password-based authentication

DigitalPersona Server Policy Engine and DB (AD or LDS)
- Creates, distributes, and enforces MFA policies
- Acts as a central repository for user credentials

DigitalPersona RADIUS VPN Extension
- Provides two-factor authentication for remote access

DigitalPersona Identity Provider
- Allows users to authenticate at an identity provider (IdP) and then access apps without additional authentication

DigitalPersona ADFS Extension
- Enables multi-factor authentication capabilities for users logging on using Microsoft Active Directory Federation Services (ADFS)
Premium Integration Options

A rich array of integration options – helps to ensure that all applications are covered.

<table>
<thead>
<tr>
<th>WEB SSO</th>
<th>ACCESS MANAGEMENT API</th>
<th>PASSWORD MANAGER</th>
<th>WINDOWS LOGON</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Integration of OpenID Connect or WS-Fed enabled applications</td>
<td>• Comprehensive DigitalPersona API management enables tightly integrated implementation</td>
<td>• Secure and convenient authentication application overlay</td>
<td>• Out of the box integration with Windows logon</td>
</tr>
<tr>
<td>• SSO application portal on both Window and mobile platforms</td>
<td>• Full scalability across on-premise and cloud services</td>
<td>• Allows customers to quickly provision apps without modifying source code</td>
<td>• Includes all factors including contextual and risk-based</td>
</tr>
<tr>
<td>• Customers option to remove all passwords</td>
<td></td>
<td></td>
<td>• Up to 3-FA, any combination</td>
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</tbody>
</table>

web  cloud  mobile  server  windowa
The DigitalPersona Difference

The most complete way to optimize security for every app, every user, every time. DigitalPersona transforms authentication and provides entirely new levels of protection ensuring the digital identity of employees, customers and partners, as well as protecting access to networks, applications and data.

WHAT YOU HAVE

WHAT YOU KNOW

WHO YOU ARE

WHAT YOU DO

WHERE YOU ARE

COMPOSITE AUTHENTICATION

WHAT YOU ACT

APPLICATION TYPES

Windows
Cloud
Mobile
Web
Legacy

USERS

Employees
Partners/
Vendors
(B2B)
Customers (B2C)

NETWORKS

Domain
VPN
VDI

DEVICES

Smartphones
Tablets
Laptops
Desktops
Servers
# Premium Features and Specifications

<table>
<thead>
<tr>
<th>Web Administration Console</th>
<th>Administer DigitalPersona LDS and AD users with the DigitalPersona LDS backend infrastructure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Authentication Factors:</td>
<td>Know: Windows password, PIN, recovery questions</td>
</tr>
<tr>
<td></td>
<td>Have: OTP, Push Notification, SMS, contactless cards (HID Seos, HID iCLASS memory cards, MIFARE Classic 1k, 4k and mini memory cards), smart cards (Crescendo 2300, PKCS11 and CSP compatible), proximity cards (HID 125 kHz) and Bluetooth devices; Apple Watch; FIDO2 Key (Crescendo security keys, USB-A and USB-C)</td>
</tr>
<tr>
<td></td>
<td>Are: Fingerprint, face recognition</td>
</tr>
<tr>
<td></td>
<td>Do: Keystroke, swipe</td>
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<tr>
<td></td>
<td>Where: IP address, Integrated Windows Authentication (IWA)</td>
</tr>
<tr>
<td></td>
<td>When: Time frame</td>
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<tr>
<td>Policy management at workstation and user levels</td>
<td></td>
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<tr>
<td>SSO (Single Sign-On)</td>
<td>Password Manager – Provides Single Sign-On and enforces strong authentication without modifying underlying applications</td>
</tr>
<tr>
<td></td>
<td>OpenID Connect and WS-Fed – Federated identity SSO, SSO application portal accessible from Windows PC, Mac and mobile devices</td>
</tr>
<tr>
<td>Per Application Authentication Policy</td>
<td>Per Application Policy – adds additional authentication credential to specific applications</td>
</tr>
<tr>
<td>Fast Kiosk Access</td>
<td>Shared-User Workstation (&quot;Kiosk&quot;) Logon Control:</td>
</tr>
<tr>
<td></td>
<td>Enforce advanced authentication policies for shared workstations (such as walk-up kiosks) where people use their individual credentials to unlock Windows and log into applications. Support for multiple kiosk environments under Citrix/RDP</td>
</tr>
<tr>
<td>Self-Service Password Recovery</td>
<td>If users forget their passwords, they can access their PC by answering a set of predefined questions (this can be customized and centrally managed by IT)</td>
</tr>
<tr>
<td>Reports</td>
<td>Generate, view and schedule preconfigured activity and status reports for users and applications from a centralized location</td>
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</table>

| Mobile | SSO application portal accessible from mobile device. DigitalPersona mobile app available for iOS and Android, for OATH OTP and Push Notification services |
| Browsers | Internet Explorer® versions 8-11, Chrome® latest version, Firefox®, Edge Chromium |
| VDI (Virtual Desktop Infrastructure) | XenApp (server) 6.5, XenDesktop 6.2 and 7, Receiver and Online Plug-In 11 and 12, VMWare View and VMWare Horizon |
| Azure Active Directory | Supports a wide variety of Authentication Factors (Password, Fingerprint, Contactless ID, Contactless writable card, Face, FIDO2, Push Notification, SMS, PIN, Bluetooth, OTP, Security Questions) for Azure Active Directory domain-joined machines |