



IDaaS for Cloud & On-Premise Hybrid Enterprises

Securing access to corporate identity in today's complex IT environments

Challenge: Complex & Hybrid IT environments

Today, companies have employees and partners accessing corporate resources from locations beyond the boundaries of the enterprise. These resources include:

- Client/server & legacy applications
- Software-as-a-Service / cloud-based applications

As users access corporate data from the office and home, organizations are raising concerns about data loss, privacy and control.

Many businesses also need integration between physical access control systems, such as building badges, and logical controls, such as smartcards for network and desktop access.

Security professionals need to develop new, comprehensive security architectures, as existing players are unable to serve a truly *hybrid* environment with public/private cloud architectures combined with on-premise infrastructure.

Solution: Identity-as-a-Service

To respond to this challenging scenario, PasswordBank provides a unique **Identity-as-a-Service (IDaaS)** platform, the first and only multi-OS Identity and Access Management (IAM) solution delivered in **SaaS, on-premise and hybrid modes**, that reduces costs, increases security, raises productivity and boosts compliance.

PasswordBank IDaaS provides federated identity, enterprise and Web single sign-on (E-SSO & Web SSO), secured mobile identity and more.

This flexible IDaaS solution offers each user the ability to use the PasswordBank client or a clientless browser-based solution, connected to a cloud-based server or on-premise servers, to access any application, in the cloud or on premise

With its hybrid design, PasswordBank IDaaS delivers the benefits of both enterprise SSO and Web SSO, including: support for client/server and legacy applications, SSO from Power On from any platform (Windows, Linux and Mac), integration with strong authentication technologies, federation, and thin client or clientless access.



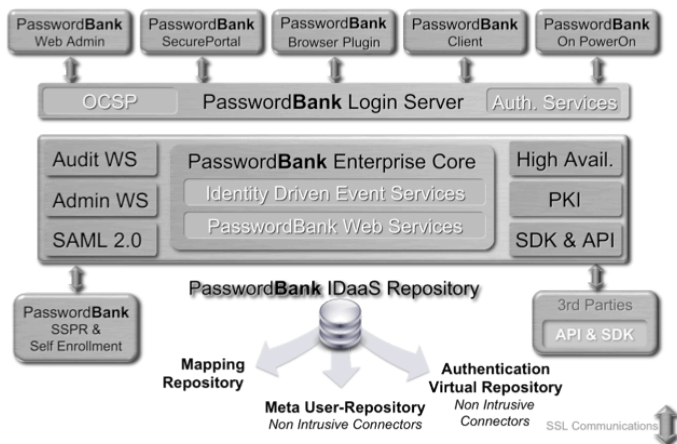
PasswordBank IDaaS Integrated Services

- Enterprise "legacy" and web single sign-on
- Federated authentication: SAML, OAuth, OpenID,
- Other Authentication Methods: Kerberos, API, ...
- Secured mobile identity (Clientless)
- Multi-user kiosk
- Unified identity management across multiple domains
- Multifactor authentication
- Identity correlation services (Brokerage)
- Self service password reset (SSPR)
- Privileged identity/user management (PIM / PUM)
- Integration with Web services
- SAP, Lotus Notes, Salesforce, ... Advanced Auth.
- Compliance & audit data collection
- Desktop activity management & reporting
- Time & attendance (Clocking in/out)

PasswordBank IDaaS Features

- User-centric identity correlation (Unique user)
- Multi-domain and cross-domain authentication
- Cloud service deployment
- Public, private and hybrid cloud deployment
- Multi-OS client support
- Multi-repository support
- Virtual repository / meta-repository flexibility
- Multi-site (multiple datacenters on heterogeneous platforms)
- Non-intrusive, no changes to AD or LDAP schemas
- Centralized credentials & policy management
- SSO for work and personal use (Clientless option)
- Automated response to all password change events
- Non-scripting "templates" for easy deployment
- Any scripting language for advanced automation
- SDK 100% exposed, easily extensible by 3rd parties
- APIs out of the box
- SOA platform, Web services for performance
- High availability ready – highly scalable
- Built-in identity event-driven model
- Extensible server events functionality
- Managed domains and managed apps

IDaaS Platform Overview



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Delivering Unique Capabilities and Value to the Enterprise

SSO Vendor Architecture	Public Cloud Multi-Tenant		Private Cloud		Hybrid		On-Premise	
	Web	Client-Server	Web	Client-Server	Web	Client-Server	Web	Client-Server
SSO Vendor Supported App Types:								
Traditional Enterprise SSO							●	●
Traditional Web SSO	●		●					
Modify Apps for AD							●*	●*
PasswordBank Hybrid	●	●	●	●	●	●	●	●

* May require access to the application source code

End-Point Solution	Web		Client		SSO upon PowerOn		
	Plug-in	Clientless	Web Apps	Client-Server Apps	Win XP/ GINA	MAC / Linux WL - PAM	Win 7 CP
Enterprise SSO			●	●	●		●
Web SSO Proxy		●					
Web SSO No Proxy		●					
Web SSO Browser Add-On	●						
PasswordBank Hybrid SSO	●	●	●	●	●	●	●

PasswordBank Unique Capabilities at a Glance

The Only SSO solution for Windows, Linux & Mac desktops



The Only flexible Hybrid Environments: Clouds & On-Premise



The Only Comprehensive: Web-SSO & Enterprise-SSO



The Only to leverage any Identity store for Cloud & On-premise



Benefits

- **Maximize Security:** Reduce risk of password theft and phishing attacks.
- **Minimize Costs:** Reduce help desk calls related to forgotten passwords. Reduce costs of managing accounts, policies, audits and access rights.
- **Increase Productivity:** Simplify user access to the organization's applications, including tele-working and time & attendance.
- **Reduce Risk:** Provide centralized, auditable access to corporate applications. Enforce security policies across multiple applications and users.
- **Return on Investment:** Deploy in days, providing fast time to value and increased ROI.
- **Compliance (GRC):** Facilitate compliance with regulations.

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Identity the right way

PasswordBank