

1 ID Management Suite



**Managing the User Lifecycle
Across On-Premises and
Cloud-Hosted Applications**

Fully integrated identity and access management.

2 Agenda

- Hitachi ID corporate overview.
- The user management lifecycle.
- Effective user lifecycle management with the ID Management Suite:
 - Managing users and entitlements with Hitachi ID Identity Manager.
 - Managing authentication factors with Hitachi ID Password Manager.
 - Securing access to privileged accounts with Hitachi ID Privileged Access Manager.
- Advantages of the Hitachi ID solution.

3 Hitachi ID Corporate Overview

Hitachi ID is a leading provider of identity and access management solutions.

- Founded as M-Tech in 1992.
- A division of Hitachi, Ltd. since 2008.
- Over 900 customers.
- More than 11M+ licensed users.
- Offices in North America, Europe and APAC.
- Partners globally.



4 Representative Hitachi ID Customers

<p>Financial</p>	<p>Healthcare</p>	<p>Communications</p>
<p>Government</p>	<p>Manufacturing</p>	<p>Education</p>
<p>Pharmaceuticals</p>	<p>Retail/Consumer</p>	<p>Transportation</p>
<p>Technology</p>	<p>Resources and Energy</p>	<p>Food & Beverages</p>

5 ID Management Suite



6 Business Challenges

- More IT → more users to manage.
- There are challenges throughout the user lifecycle.
- Support cost.
- User service.
- Security.



7 HiIM Features

Automation:

- Provision joiners, deactivate leavers.
 - Multiple HR feeds.
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Requests portal:

- Self-service profile updates.
 - Delegated security change requests.
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Security controls:

- Access certification.
 - RBAC and SoD.
 - Reports on current entitlements, history.
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Workflow process:

- Authorizers.
 - Implementers.
 - Certifiers.
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Integrations:

- 110+ connectors, included.
 - Incident management, SIEM, e-mail interfaces.
 - Manage building access, physical assets.
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Identity synchronization:

- Consistent data among apps.
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8 HiPM Features

Password synch:

- Reduce the number of passwords per user.
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Self service:

- Password reset.
 - Clear lockout.
 - Smart card PIN reset.
 - Token PIN reset.
 - HDD key recovery.
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Access from:

- PC browser or login screen.
 - At the office or remote.
 - Smart phone or voice call.
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Assisted service:

- Password, token PIN, intruder lockout.
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Policy enforcement:

- Password complexity, expiry, history.
 - Non-password authentication.
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Managed enrollment:

- Security questions.
 - Login IDs.
 - Mobile phone numbers.
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9 HiPAM Features

Auto-discovery:

- Find systems, accounts.
 - Attach policy.
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Random passwords:

- Default is daily.
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Secure storage:

- Replicated (with fault tolerance/queue).
 - Encrypted.
 - Geographically distributed.
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Access controls:

- Policy: who can sign into which account?
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Workflow controls:

- One time request/approval/login.
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Single sign-on:

- Launch SSH, RDP, vSphere, SQL, etc.
 - Alternately: display password, temporary group membership, temporary SSH trust/SUDO rights.
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Application passwords:

- Notify SCM, IIS, Scheduler, DCOM of new passwords.
 - API to eliminate embedded passwords.
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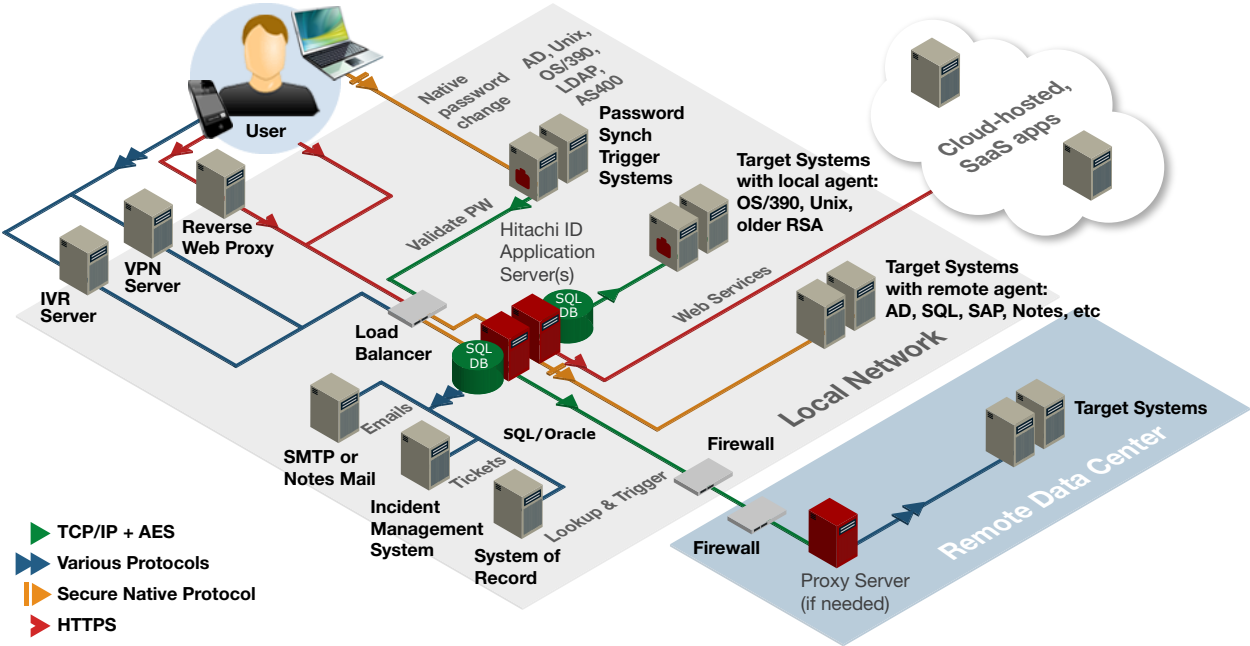
Logging:

- Requests, approvals, logins to privileged accounts.
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Session monitoring:

- Screen, keyboard, webcam, process ID, window title, etc.
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10 Multi-Master Architecture



11 Included Connectors

Many integrations to target systems included in the base price:

<p>Directories: Any LDAP, AD, WinNT, NDS, eDirectory, NIS/NIS+.</p>	<p>Servers: Windows NT, 2000, 2003, 2008, Samba, Novell, SharePoint.</p>	<p>Databases: Oracle, Sybase, SQL Server, DB2/UDB, Informix, ODBC.</p>
<p>Unix: Linux, Solaris, AIX, HPUX, 24 more.</p>	<p>Mainframes, Midrange: z/OS: RACF, ACF2, TopSecret. iSeries, OpenVMS.</p>	<p>HDD Encryption: McAfee, CheckPoint.</p>
<p>ERP: JDE, Oracle eBiz, PeopleSoft, SAP R/3 and ECC 6, Siebel, Business Objects.</p>	<p>Collaboration: Lotus Notes, Exchange, GroupWise, BlackBerry ES.</p>	<p>Tokens, Smart Cards: RSA SecurID, SafeWord, RADIUS, ActivIdentity, Schlumberger.</p>
<p>WebSSO: CA Siteminder, IBM TAM, Oracle AM, RSA Access Manager.</p>	<p>Help Desk: BMC Remedy, SDE, HP SM, CA Unicenter, Assyst, HEAT, Altiris, Track-It!</p>	<p>Cloud/SaaS: WebEx, Google Apps, Salesforce.com, SOAP (generic).</p>

12 Simple Integration with Custom Apps

- ID Management Suite easily integrates with custom, vertical and hosted applications using **flexible agents**.
- Each flexible agent connects to a class of applications:
 - API bindings (C, C++, Java, COM, ActiveX, MQ Series).
 - Telnet / TN3270 / TN5250 / sessions with TLS or SSL.
 - SSH sessions.
 - HTTP(S) administrative interfaces.
 - Web services.
 - Win32 and Unix command-line administration programs.
 - SQL scripts.
 - Custom LDAP attributes.
- Integration takes a few hours to a few days.
- Fixed cost service available from Hitachi ID.

13 Competitive Advantages

<i>Unique features</i>	<i>Rapid deployment</i>
<ul style="list-style-type: none"> • Self-service password/PIN reset from anywhere. • Workflow to refresh OrgChart data. • Request for resources mapped to AD groups. • Detect/block effective SoD violations. 	<ul style="list-style-type: none"> • Key features built-in, not custom: <ul style="list-style-type: none"> – Change request forms. – Authorization process. – Access certification UI. – Auto-discovery. • Self-service ID mapping. • Unique approach to workflow.
<i>Scalable platform</i>	<i>Integrations</i>
<ul style="list-style-type: none"> • Real-time data replication. • Multi-master architecture. • Proxy server to cross firewalls. • Stored procedures, native code for speed. 	<ul style="list-style-type: none"> • 110+ included connectors. • Flexible connectors. • Built-in implementers workflow. • Integrated with incident management, SIEM, etc.

14 ID Management Suite Summary

- A rich suite of identity and access management products, with over 11M licensed users, that can:
 - Discover and connect user objects from every system.
 - Streamline administration of users, entitlements and login credentials.
 - Construct and maintain OrgChart data.
 - Secure access to privileged accounts on thousands of systems.
- Lock down security and comply with regulations requiring internal controls.
- Reduce operating costs and improve user productivity.
- Flexible, scalable, reliable, available.