



Privileged Identity Management for the HP Ecosystem

HP Software
Silver Business Partner 

 **LIEBERMAN**SOFTWARE

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Enterprise Random Password Manager (ERPM), the privileged identity management solution from Lieberman Software, makes it easy to safeguard powerful administrative access and achieve regulatory compliance with respect to privileged accounts in enterprises that use HP security and management solutions.

ERPM integrates with these solutions in the following ways.

HP Service Manager Software *(formerly Peregrine)*

ERPM offers deep, out-of-the-box integration with HP Service Manager. Together the products work to:

- **Verify trouble tickets and privileged access requirements in real-time** to assure that only authorized personnel, with a need for access as configured in HP Service Manager, can login to systems with privileged credentials.
- Automatically **update trouble ticket status based on privileged account lifecycle changes** such as password check-ins, check-outs, and login changes.
- Automatically **create relevant trouble tickets whenever expected and unexpected** events occur within the privileged identity management system – including events such as failed logins, account verification failures, password changes, and others.
- Easily **integrate privileged account status and workflows into your existing CMDB and service management processes** – including ITIL and others.
- Simultaneously **integrate with leading SIEM products** including HP ArcSight and others – for the first time bringing visibility and accountability to privileged user actions that can lead to security events.

The integration between ERPM and HP Service Manager can help transform your organization from relying on unverified trust in individuals' actions, to utilizing audited controls that promote a culture of accountability and free IT staff from tedious, time-consuming tasks. The addition of comprehensive privileged access records within HP Service Manager relieves employees from updating trouble tickets by hand while preventing anyone from accessing sensitive data using privileged account credentials without proper authorization as determined by each trouble ticket.

HP Integrated Lights-Out Automated Credential Management

ERPM secures the credentials of HP iLO100, iLO2, and iLO3 server management interfaces so that remote datacenter administrative functions are safeguarded and access is fully audited – protecting the server administrative consoles that would otherwise allow anonymous, unaudited users to:

- Access servers' local administrative consoles,
- Reboot server hardware,
- Power on and off computer hardware,
- View the condition of power supplies, cooling fans, and other critical components,
- Install and update BIOS

Management of these devices, via IPMI 1.5/2.0 interfaces, allows convenient password check-out, check-in, and password randomization that is fully integrated with HP Service Manager, ArcSight SIEM, and other third party remote management tools via a web services interface. With this capability you'll always have detailed records who had access to datacenter server management interfaces, how long and for what stated purpose – as mandated by government and commercial IT regulatory standards.

HP ArcSight Integration

The ERPM certified CEF connector for HP ArcSight allows customers to integrate privileged identity management with this leading SIEM framework using just a few mouse clicks. The integration provides critical, missing information about individual privileged user access that can lead to security events appearing in the HP ArcSight console.

With this integration HP ArcSight Enterprise Security Manager (ESM) users can connect to, aggregate, filter, correlate, and analyze privileged identity events from ERPM – which outputs event logs in CEF standard format utilizing the syslog transport protocol. The integration allows authorized administrators to monitor and take informed actions – right from the HP ArcSight ESM console – based on the operation of Lieberman Software’s privileged identity management systems.

The products also work together to lower the cost and uncertainty of passing IT security audits by adding proper synchronization, real-time auditing and control over the privileged accounts used within the HP ArcSight product.



HP Operations Manager Software for Windows®

ERPM continuously discovers, manages, and allows secure and audited recovery of the privileged account credentials present in your deployment of HP Operations Manager for Windows®.

With ERPM you can rapidly secure the many dozens of privileged accounts and system objects in HP Operations Manager for Windows®, keeping your network secure and helping maintain compliance with PCI DSS, Sarbanes-Oxley, HIPAA, FISMA, and other regulatory mandates.

As it secures the privileged accounts present in your HP management software deployment, ERPM propagates password changes to each interdependent service to avoid disruptions and keep your installation running smoothly.

**HP Software
Interoperability**



HP ProCurve

ERPM discovers and manages the credentials in HP ProCurve devices, ensuring that factory default logins are changed immediately after deployment and updated regularly thereafter with new, cryptographically complex passwords. And, ERPM can give authorized administrators fast, audited check-in, check-out, and proxied access to ProCurve devices without ever seeing passwords.

As a result, organizations of all sizes can more easily comply with IT security regulations such as PCI, HIPAA, FISMA and others that require factory default passwords be changed and these devices to be actively managed for secure access. ERPM makes it possible to automate the management of privileged logins on HP ProCurve devices, achieving security and compliance in only minutes.

HP-UX Operating System

ERPM manages the privileged credentials present within the HP-UX operating system and provides delegated access through Java-enabled Web clients using SSH. This gives you the choice of configuring users for time-limited access through SSH, or granting audited check-out of root credentials for approved systems for a configured amount of time.

ERPM continuously safeguards HP-UX privileged credentials – with all relevant activity visible in the HP ArcSight SIEM console and reported and controlled by HP Service Manager. As a result, IT staff are freed from the burden of manually securing and documenting privileged account access in HP-UX and organizations can achieve immediate compliance with regulatory mandates for privileged identity management.

About Lieberman Software

Lieberman Software Corporation, established in 1978 as a software consultancy, has been a profitable, management-owned organization since its inception. Lieberman Software pioneered privileged account password management software, releasing its first product to this market in 1999. Since that time, the company has continuously updated and expanded its privileged password solutions while growing its customer base to include many of the world's most secure enterprises including numerous federal government agencies.

Lieberman Software is a Microsoft Gold Certified Managed Partner and Oracle Gold Partner. The company maintains technical partnerships with other industry leaders such as ArcSight, BMC, Cisco, Dell, Hewlett-Packard, IBM, Novell, Red Hat, RSA, Sybase and Thales. The company is headquartered in Los Angeles, CA, and maintains a regional office in Austin, TX. All product development, testing, and support operations are based in the United States.

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