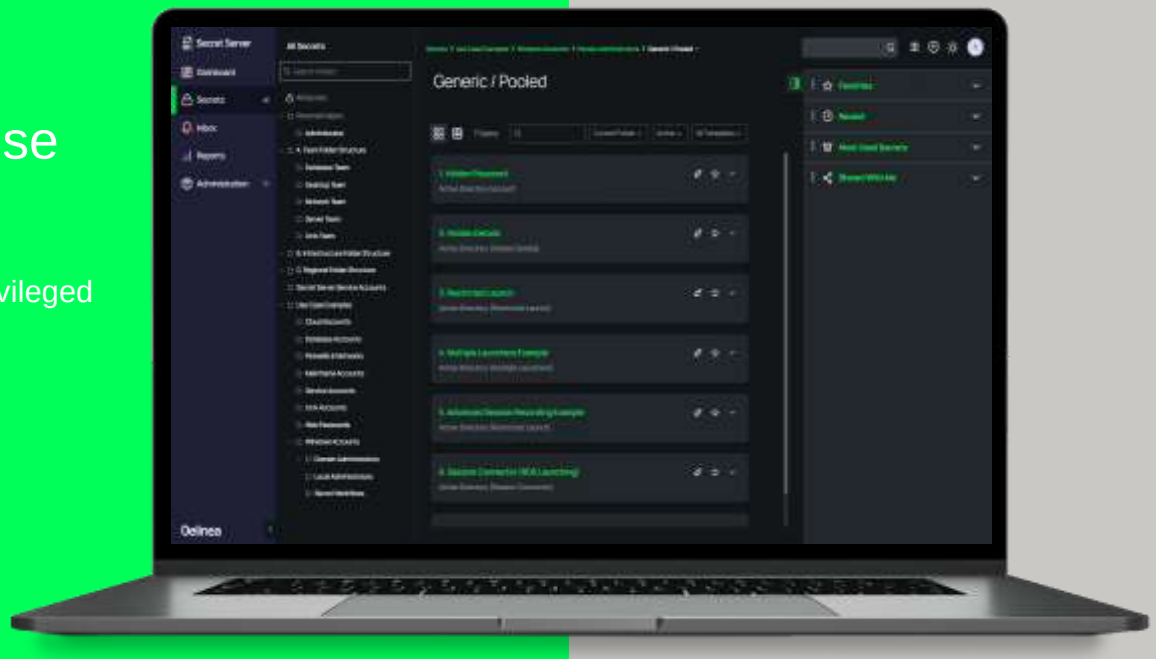
Secret Server:
Privileged Access Management

Secret Server

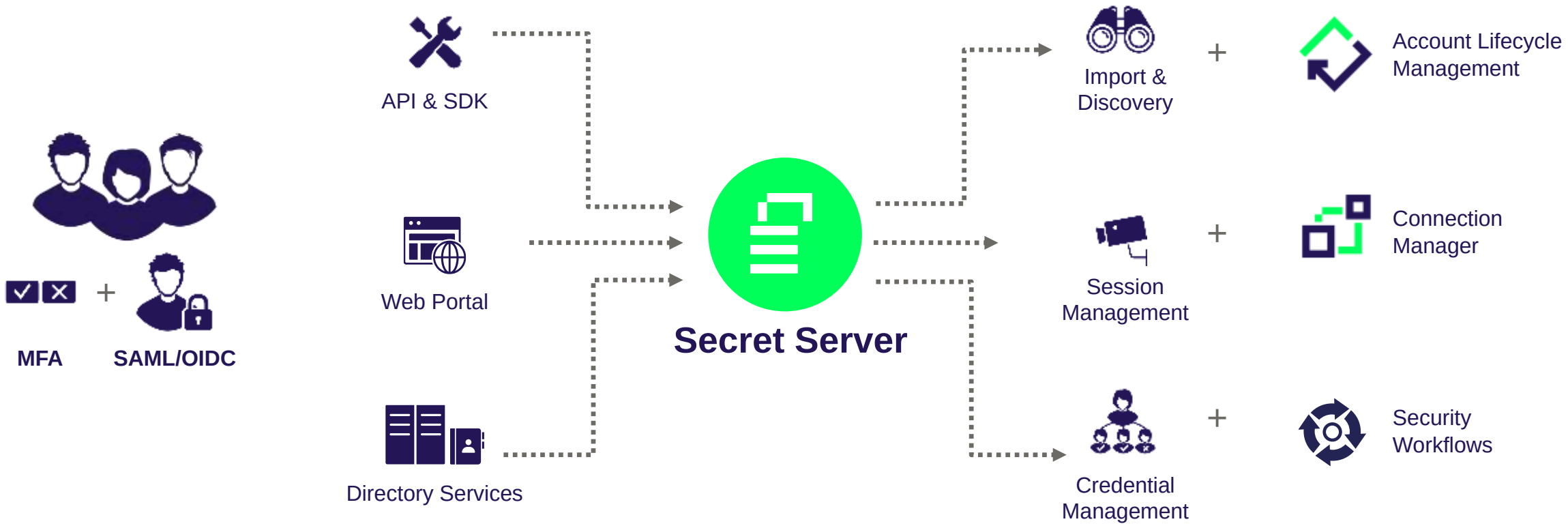
Privileged Access Management at Enterprise Scale

Discover, manage, protect, and audit privileged account access across your organizatio



- Establish vault
- Discover unknown Accounts
- Delegate access
- Manage secrets
- Control sessions

Secret Server Overview



Reports + **Realtime Alerts** + **SIEM Syslog/CEF** + **Privileged Behavior Analytics**

Account Lifecycle Management (Create, Import & Discover credentials)

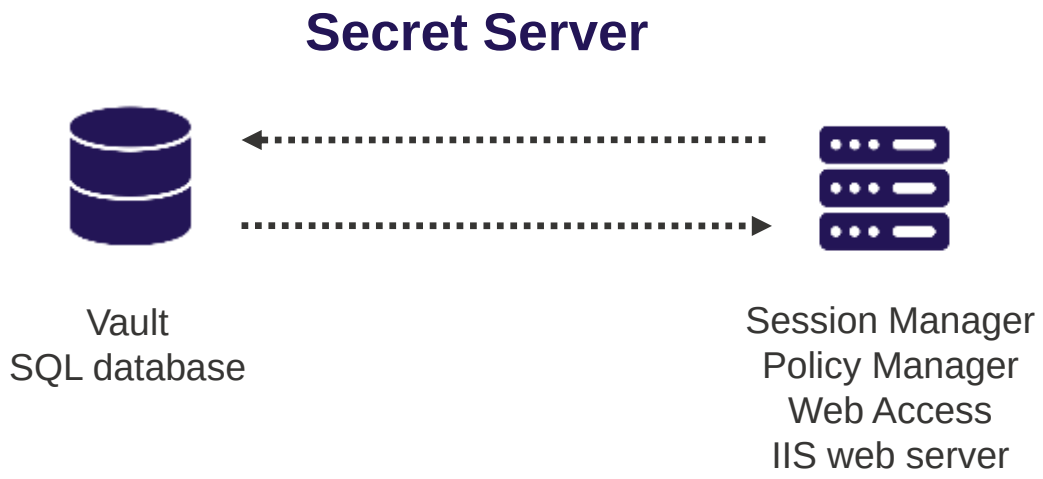
- Manual creation
- Quick Initial and Ongoing Importation of Network Credentials
  - Protection Against Backdoor Accounts
    - When Secret Server is configured to discover new accounts, it provides added protection by regularly running discovery on your network to identify those accounts. Secret Server adds the new accounts to its records and resets the accounts password to values that meet your security policy.
- Discovery Types
  - Active Directory Discovery
    - Scans for local accounts, domain accounts, scheduled tasks, Windows services, and IIS application pools. You can discover additional accounts and dependencies by creating PowerShell scanners.
  - ESX/ESXi Discovery
  - AWS Discovery
  - Google Cloud Platform Discovery
  - Unix Discovery

Account Lifecycle Management (Secret Management)

- Deactivating and Reactivating Secrets
- Remote Password Changing
  - Automatic Remote Password Changing
  - Schedule Password Expiration
  - Heartbeat
  - Check in / check out
- Creating Secret Policies
- Secret-templates Built in secret templates
- Folders
  Folders in Secret Server allow you to organize your secrets into logical groups and control access through permissions assigned to the folders.
- Secret Launchers and Protocol Handlers
  - RDP
  - SSH
  - Custom (eg. WEB)
- Access Requests
  The access request feature allows a secret to require approval prior to accessing the secret.

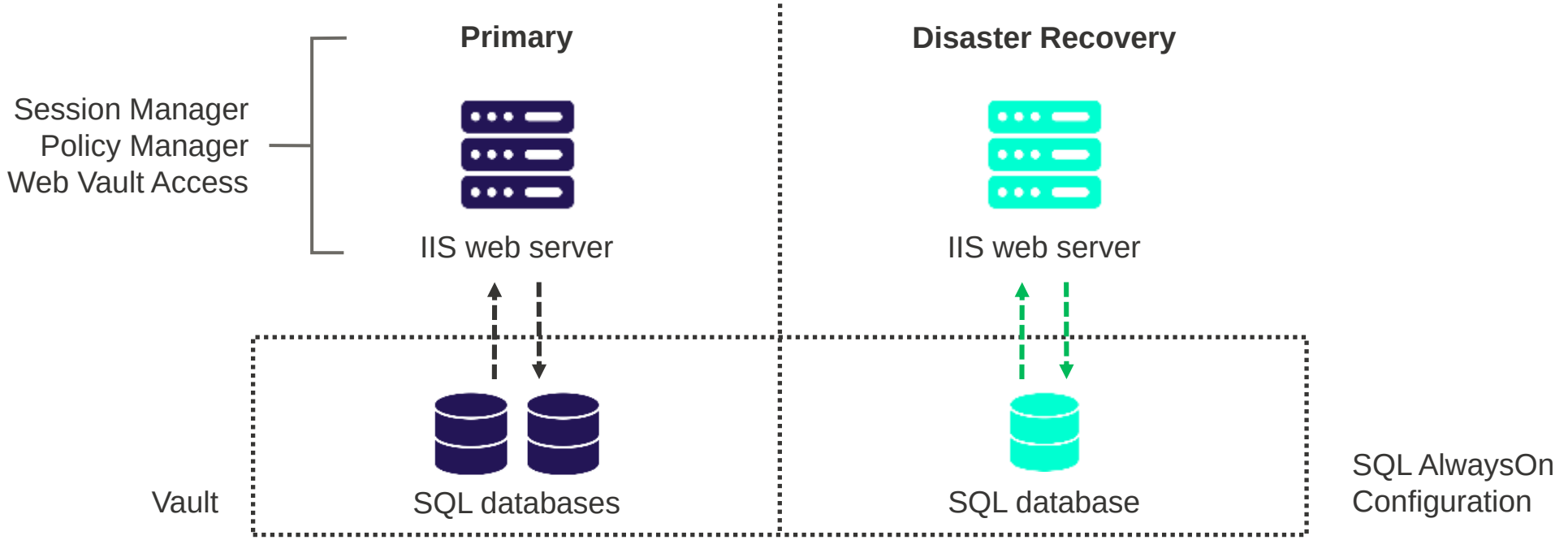
Architecture

- Single IIS web node
- SQL Server database
- SQL on web node or dedicated server



- **“Off the shelf” common components**
- **Easily scales down to two servers**
- **Minimal complexity**

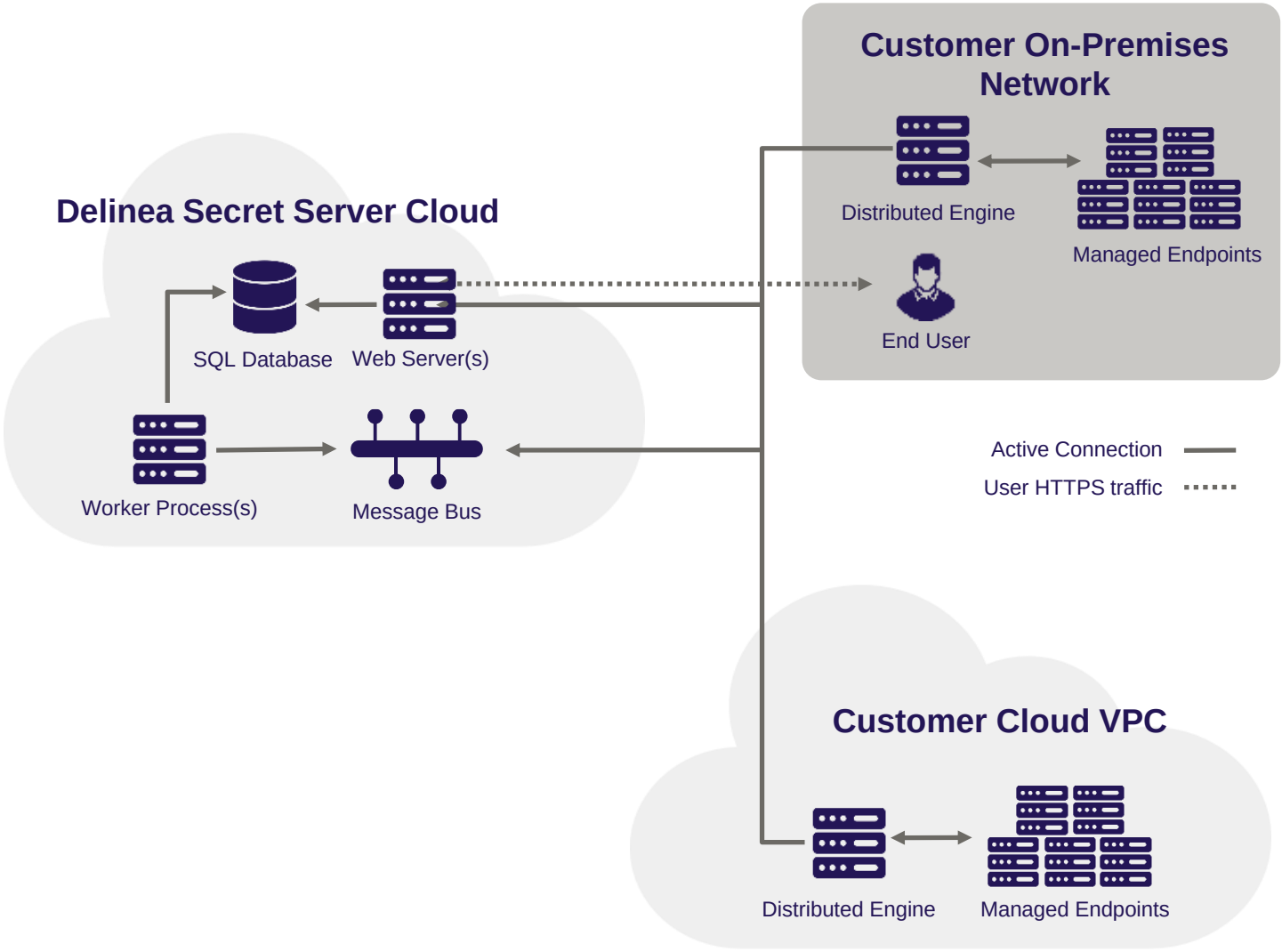
Secret Server – Installed
HA/DR Deployment Architecture

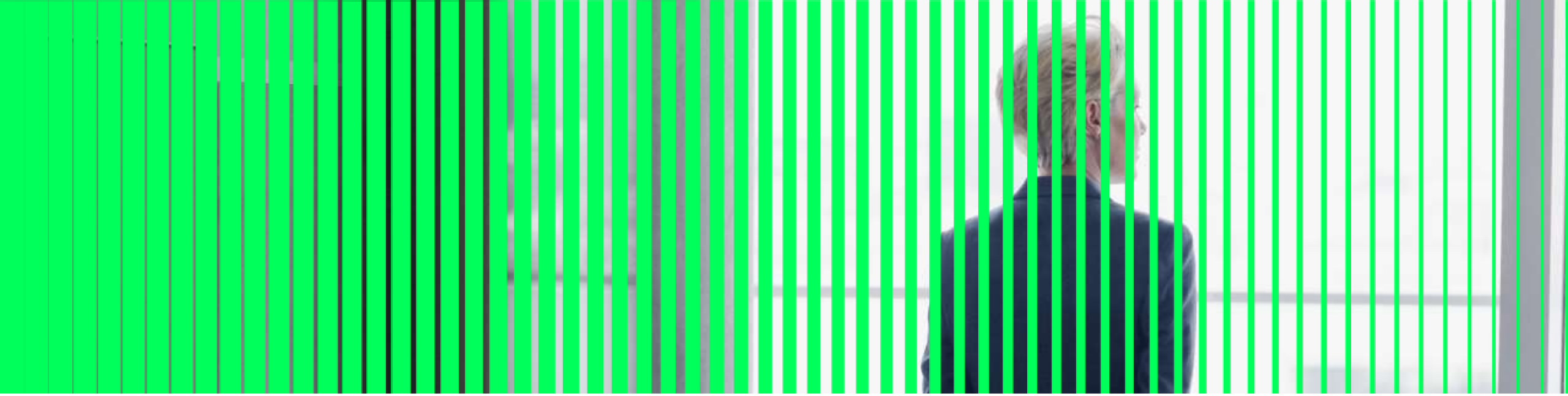


- **“Off the shelf” common components**
- **Minimal complexity**

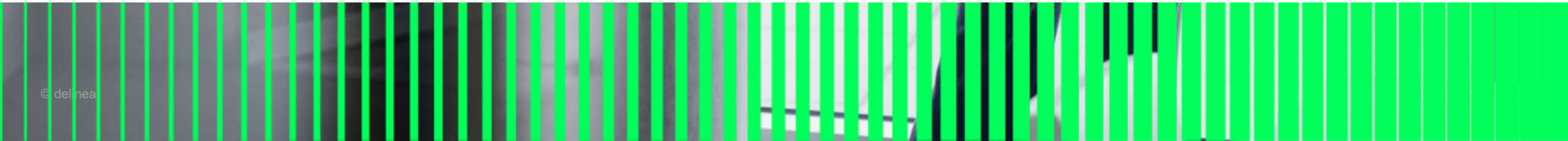
Secret Server

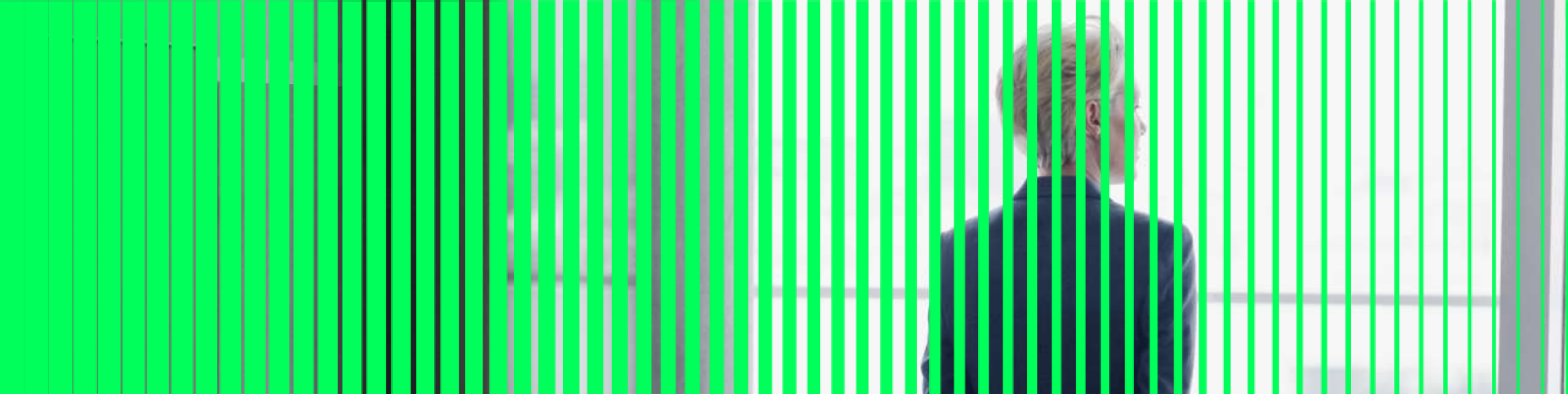
- DE facilitates Directory Services integration, password changing, discovery, RDP/SSH proxying and more
- Only outbound connections to SS Cloud (port 443)
- Multiples can be used for HA
- Not required for accessing Secret data
- DE upgrade automatically
- DE is only on-premise component

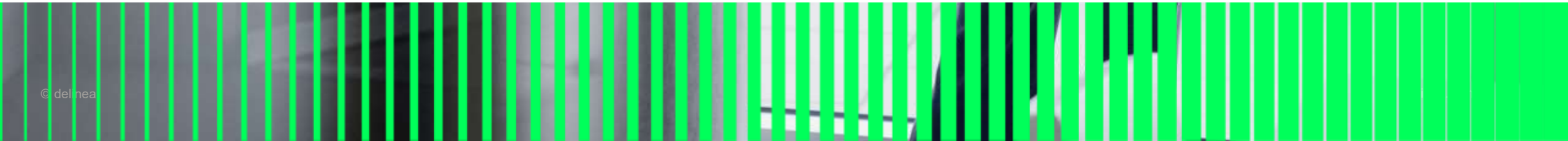




Centralized Auditing



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Every action within Secret Server is audited!

- ✓ User Access
- ✓ Administrative actions
- ✓ Permissions
- ✓ Configurations
- ✓ Active Security
- ✓ Compliance
- ✓ Activity

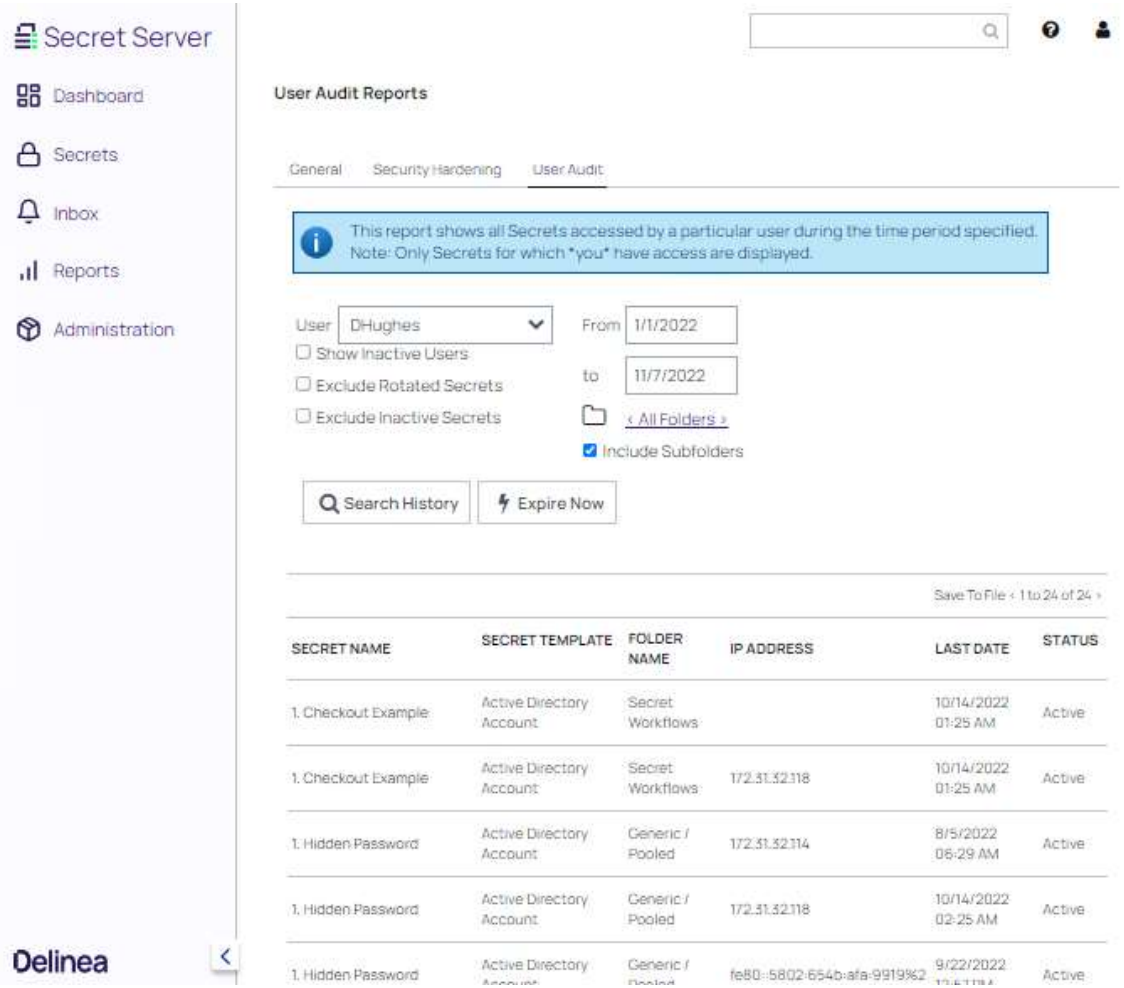
- 60+ Reports out of the Box
- Customizable with SQL queries
- Receive automatically on a schedule

Ex. User Audit Report: From report, directly trigger password rotation for “expired secrets”

User Audit

Use Case: User leaves the organization

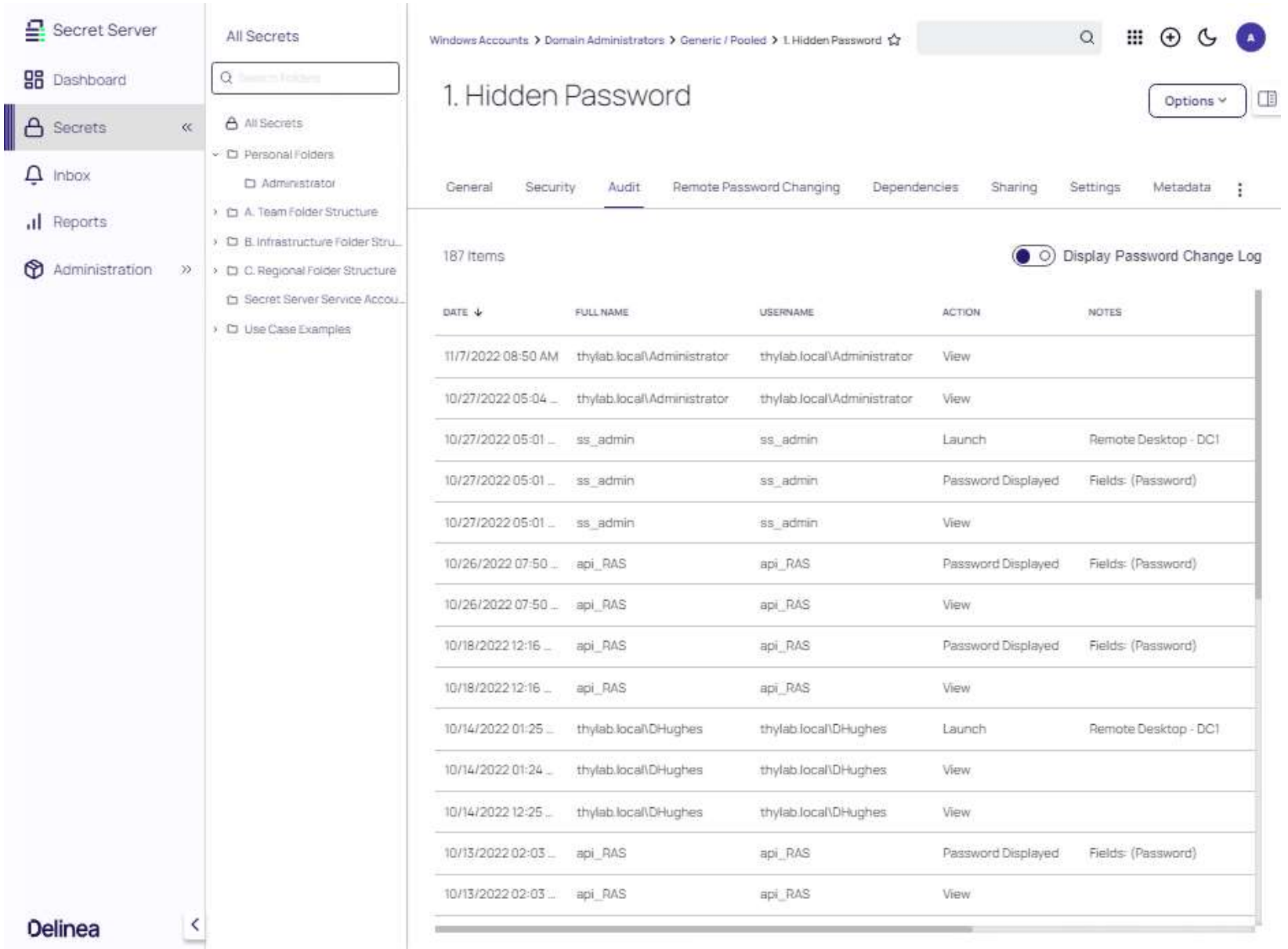
The audit search displays results for all the secrets the selected user has viewed or edited during the selected time period. The administrator has the option of expiring all the viewed secrets, to notify users to change sensitive information, or to force password changing.

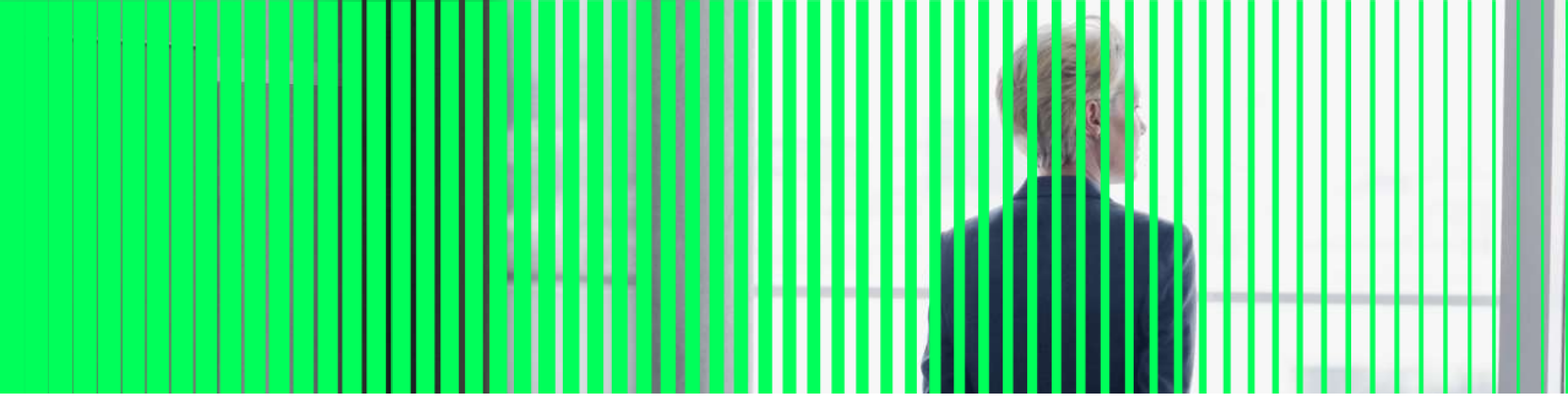


Auditing

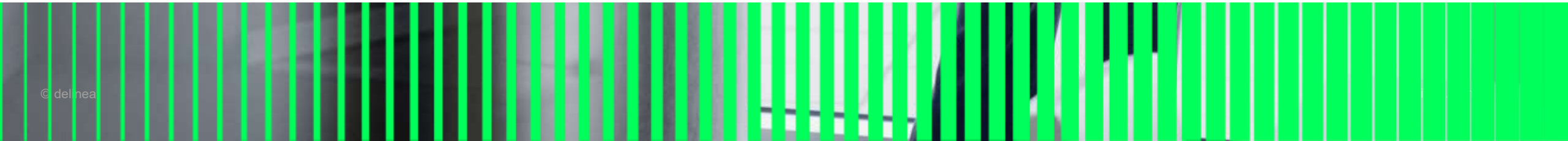
Secret Audit Log

The audit log for a secret can be accessed by clicking the View Audit button on the Secret View page or navigating from the User Audit report. The log shows the date, the username, the action, and any other details about the event. Secret auditing provides a detailed view of each change or view on a secret.





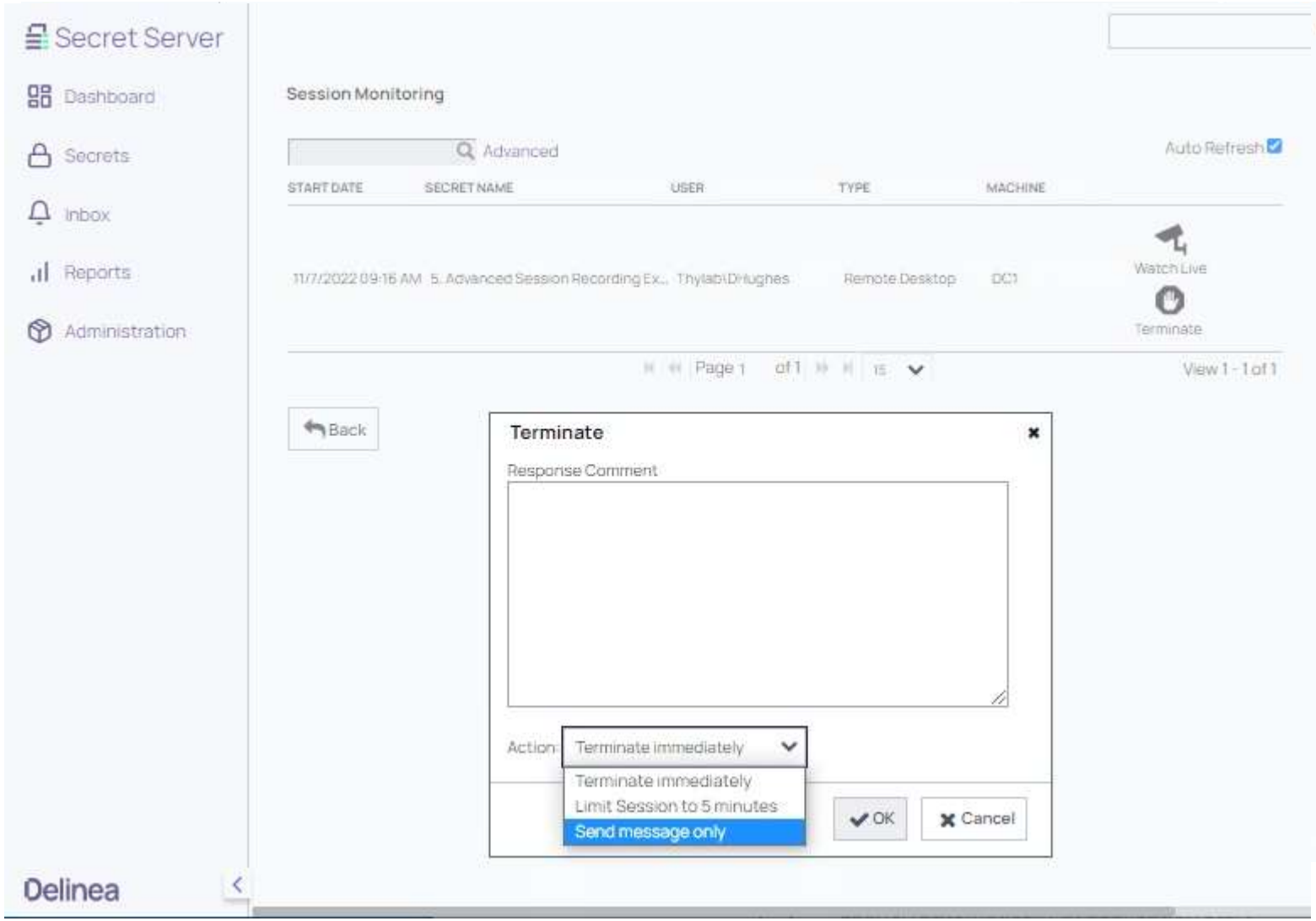
Session Recording / Monitoring



Session Monitoring

Live Monitoring

1. Watch an active session of a user live
2. Take action as an Auditor:
    a. Terminate immediately
    b. Limit Session to 5 min
    c. Send message only



Session Recording

Recorded Video with metadata

- Session Summary / Details
- Video with heatmap
- Session Activity