



Turbine Release Notes

CONTENTS

1. About These Release Notes	2
2. Turbine Cloud Release Notes	2
2.1. Turbine Cloud 26.3.x Release	1
2.1.1. Turbine Cloud 26.3.2 Release	1
2.1.2. Turbine Cloud 26.3.1 Release	1
2.1.3. Turbine Cloud 26.3.0 Release	1
2.2. Turbine Cloud 26.2.x Release	1
2.2.1. Turbine Cloud 26.2.2 Release	1
2.2.2. Turbine Cloud 26.2.1 Release	1
2.2.3. Turbine Cloud 26.2.0 Release	1
2.3. Turbine Cloud 26.1.x Release	3
2.3.1. Turbine Cloud 26.1.0 Release	3
2.3.1.1. Turbine Cloud 26.1.4 Release	1
2.3.1.2. Turbine Cloud 26.1.3 Release	1
2.3.1.3. Turbine Cloud 26.1.2 Release	1
2.3.1.4. Turbine Cloud 26.1.1 Release	1
2.4. Turbine Cloud 26.0.x Release	1
2.4.1. Turbine Cloud 26.0.0 Release	1

1. About These Release Notes

Use these pages to learn what changed in each Turbine release: new capabilities, improvements, fixes, and known issues.

Choose Your Path

If You Need...	Open
The latest Turbine Cloud release	Turbine Cloud 26.3.0 Release
The latest Turbine On-Prem release	Turbine On-Prem 26.2.3 Release
Older Turbine Cloud or On-Prem releases	Browse the release folders in the left navigation
Legacy Turbine 11.x notes	Turbine 11.x Release Notes
Platform Installer changes (On-Prem)	Turbine Platform Installer Release Notes

What Each Set of Notes Includes

Turbine Product Release Notes (Cloud and On-Prem)

Each product release page typically includes:

Section	What it covers
What's New	New features and enhancements in the release
Addressed Issues	Customer-visible fixes
Known Issues	Issues that remain in the release, with workarounds when available

Turbine Cloud and Turbine On-Prem have separate notes. Open the set that matches your deployment. On-Prem notes can include installer-related or environment-specific items that do not apply to Cloud.

Turbine Platform Installer Release Notes

Installer notes cover technical updates to the Turbine Platform Installer. They are intended for On-Prem operators and are available behind customer login.

Tips for Reading a Release

- Start with **What's New** for capability changes.
- Use **Addressed Issues** when you are validating a fix or troubleshooting after upgrade.
- Check **Known Issues** before upgrade or when behavior looks unexpected.
- Cloud and On-Prem notes for the same version can differ — always use the notes for your deployment type.

Turbine Cloud Release

2.3. Turbine Cloud 26.1.x Release

2.3.1. Turbine Cloud 26.1.0 Release

May 05, 2026

Turbine 26.1 release is all about making the product faster, easier, and more powerful to use, while also strengthening control and scalability. We've focused heavily on user experience, so teams can build, manage, and scale playbooks with far less effort.

From a refreshed, cleaner interface and larger workspace to simple actions like cut/copy/paste, undo/redo, and one-click enable/disable, everything is designed to reduce friction and speed up everyday work. Users can move faster, make changes confidently, and stay focused without getting lost in the UI.

At the same time, we're helping teams scale smarter. With improved organization of playbooks, easy access to AI agents through the Content Library, and a completely redesigned RBAC system, users get both simplicity and enterprise-grade control.

What's New in this Release

Redesigned: Role-Based Access Control (RBAC)

This release introduces a fully redesigned Role-Based Access Control (RBAC) system that provides more granular, flexible, and scalable control over access across users, roles, and tenants. The goal of this redesign is to give organizations precise control over what each user can access and perform, while supporting enterprise and multi-tenant environments.

With Multi-Tenant Role Assignment, roles can now be assigned across multiple tenants, enabling consistent access policies across large-scale deployments such as enterprises and MSSPs. This reduces duplication of effort and ensures that access rules remain aligned across environments.

Role Duplication allows administrators to quickly clone existing roles and reuse their configurations. This simplifies role management, reduces setup time, and makes it easier to create new roles based on proven access patterns.

A key change in this release is Explicit Orchestrator Access, where orchestrators no longer receive default system access. Instead, all access must now be explicitly granted through role assignments, ensuring tighter security and clearer control over system permissions.

The release also introduces Fine-Grained Analyst Access, enabling administrators to grant analysts access to specific applications while restricting access to others. This allows organizations to enforce least-privilege principles more effectively while still supporting flexible operational needs.

With Cross-Tenant Analyst Operation, analysts can now be granted the ability to work across

2.4.1.3. Turbine Cloud 26.0.1 Release

April 1, 2026

Turbine 26.0.1 includes bug fixes and an enhancement focused on SSP import/export reliability, workflow stability, and record history integrity. This update also introduces a new validation warning during SSP export to help prevent incomplete packages.

What is New in This Release

Playbook Processing Prioritization

Turbine now prioritizes playbooks where a user is actively waiting, such as test actions and playbook button clicks, over background automation. This reduces wait times during playbook testing and manual execution.

SSP Export Dependency Validation Warning

The SSP export and publish workflow now displays validation warnings when users deselect required dependencies before exporting. Previously, if a user manually deselected an application dependency required by playbooks in the package, the export completed without warning but later failed on import with cryptic error messages referencing internal UIDs.

The system now detects missing dependencies during export and displays a clear warning dialog listing the deselected dependencies and the playbooks that require them. Additionally, playbook-related error messages have been enhanced to display the parent playbook or component name instead of auto-generated names, making issues easier to identify and resolve.

Addressed Issues

Content Migration (SSP Import/Export)

- **Record Actions Lose Application Linking After Import:** Fixed a regression from 26.0.0 where importing playbooks or components caused record actions (such as record create, update, upsert, and search) to lose their application linking. When exporting without including the referenced application, application references were stripped from record actions, requiring manual reconfiguration. All application references in playbooks are now preserved regardless of whether the application is selected for export. This resolves Known Issue 4 from the 26.0.0 release notes.
- **Playbook Button Mapping Lost After Importing Playbooks:** Fixed an issue where playbook buttons in the App Builder became unmapped after importing playbooks without the full application. A full SSP import correctly preserved mappings, but importing only the playbooks caused buttons to become unmapped. Application references are now preserved during partial imports, ensuring playbook buttons remain correctly mapped.

Applications

- **Record History Errors After Updating Selection Field Values:** Fixed an issue where editing existing values of a selection (select or checkbox) field in the App Builder broke the record

2.5.2.3. Known Issues

Known Issue 1: Discrepancy Between Flow Titles in the Playbook Editor and Other Parts of Turbine

In some cases, flows that were created before flow titles were introduced in Canvas playbooks may display inconsistent titles.

While the playbook editor shows the flow title as **"Flow 1"**, other areas of Turbine—such as the **Runs** or **Operational Health** pages—may display an auto-generated title (for example, `solution_<ID>_playbook`).

Workaround:

Users can resolve this issue by renaming their flow titles in the playbook editor and saving the playbook.

Known Issue 2: Global Logout Behavior for SSO Users

For **SSO users** using `globalLogout=true`, where they want to log out of all active sessions across all browsers and devices, the following behavior may occur:

- If the user is still logged in to the Identity Provider (IDP) and a global logout is triggered, the UI will automatically log the user back in when navigating within Turbine.
- If the user continues with the global logout again, we will see 401 unauthorized error

This issue occurs only when the user remains authenticated with the IDP. If the user is already logged out of the IDP, the system will redirect them to the IDP to begin the login process

Known Issue 3: Correlated Values Not Available in Create Variables Action

When configuring the **Create Variables** action in a playbook, the **Correlated Values** section does **not** appear in the **Record Event Trigger** property drawer. This prevents users from selecting correlated properties sourced from event triggers.

2.5.2.4. Turbine Cloud 25.4.3 Release

December 22, 2025

For region-wise deployment details, see [Turbine Status Page](#).

This release enhances system performance and responsiveness. It also makes connector image downloads more reliable to reduce timeouts and failed playbooks.

Performance Improvement

Improved system performance by optimizing how authentication tokens are managed during backend processing. Previously, the system could make more authentication requests than necessary while handling certain events. This fix ensures that authentication tokens are reused efficiently and refreshed only when required.

2.5.3.6. Turbine Cloud 25.3.4 Release

October 16, 2025

Turbine Cloud 25.3.4 is the same as version 25.3.3 plus a critical security fix addressing a security vulnerability to enhance platform security.

Version 25.3.4 was deployed only to USN and US regions; all other regions are on version 25.3.3.

2.5.3.7. Turbine Cloud 25.3.3 Release

October 13, 2025

Turbine 25.3.3 introduces key import enhancements and addresses issues found in earlier releases.

Enhancements

SSP Import/Export :

- **Import Playbooks in Enabled State** – A new toggle option, *Import playbooks in enabled state*, has been added at the start of the Import/Publish process. By default, playbooks are imported in a disabled state, but users can now choose to enable them during import. This provides greater control and eliminates the need to enable playbooks only after the import is complete, making it easier to manage playbooks seamlessly in production.
- **Preserve Webhook Credentials on Re-Import** – Enhanced playbook import behavior to prevent webhook authentication details from being overwritten when re-importing into a tenant. Users can now re-import playbooks without losing existing webhook credentials.

CSV Import Native Action

- **CSV Import for List and Reference Fields** – Added support for importing fields of type **List** and **Reference** in the CSV import dialog. Users can now map these field types when importing CSV data, ensuring single- and multi-select values are properly imported. Reference fields are imported as record tracking IDs.

Podman Remote Agent Management with Quadlets

- Podman remote agents can now be managed using **Quadlets**, providing improved operating system integration and reliability. For more information, see [Requirements and Pre-Installation](#).

Addressed Issues

Dashboards

- **Preset Date Range** – Fixed an issue where the preset date range options (This Week, This Month, This Quarter, and This Year) resolved to end expressions (such as endOfMonth)

2.5.5.1. What's New in This Release

User Management

Standardized IDP Identification via Alias

Identity provider (IDP) identification now uses aliases exclusively.

Support for identifying an IDP using an email address has been removed. For more information, see [Turbine Login and Authentication Methods](#).

Multi-Account Access for Turbine Cloud

- Turbine now supports multi-account access that enables organizations to grant temporary, permissioned access to Swimlane personnel such as support or services teams, without requiring them to be onboarded as account users. This feature enables efficient collaboration for troubleshooting and issue resolution. Access is fully controlled and can be revoked at any time, simplifying support interactions while maintaining security and oversight. For more information, see [Collaborating with Swimlane Users](#).

Custom Domain Support for Turbine Cloud

Turbine now supports custom domain configuration, allowing organizations particularly MSSPs to use their own domain (for example, automation.company.com) to access their environment. This enhancement improves brand consistency, strengthens security posture, and delivers a seamless user experience for both internal teams and external customers. SSL certificates are fully managed, ensuring secure and hassle-free setup. For more information, see Custom Domain section in [General Settings](#).

Canvas

Sensitive Data Handling with one click

Canvas now supports sensitive data handling with a single click. Inputs and outputs across all data actions—including webhooks, variables, and HTTP Actions—can be marked as "sensitive," signaling the system to mask this information in the user interface and logs. Once marked, sensitive data is automatically hidden in the Playbook run page, Test console, Activity tab, Test Result View, Events page, and Logs. The JSON builder UI now visually indicates fields marked as sensitive for both inputs and outputs.

The system checks all action input/output schemas to ensure sensitive values are obfuscated in run results. Webhook payloads flagged as sensitive are also masked in the Events page. No sensitive information will appear in API logs or other UI elements.

This feature enhances security by preventing exposure of confidential information and helps meet compliance and audit readiness standards.

This feature is behind a feature flag. To enable, contact your CSM.

Orchestration Insights Dashboard and Notifications

2.5.5.11. Turbine Cloud 25.1.4 Release

June 11, 2025

Turbine 25.1.4 release addresses an issue identified in Turbine Cloud 25.1.3 related to the Bulk Edit feature.

Addressed Issue:

- **Bulk Edit Displays Incorrect Record Count (only with Filters):**
- Resolved an issue where the "Selected" count in the footer was incorrect. It now accurately reflects only the records that match the selection.

Known Issue:

- **Negative Record Count in Bulk Update:**
- In certain cases, the **Bulk Update** popup may display a negative record count. This can occur when records are deselected and the list is refreshed using filters before initiating the bulk update. We are aware of this issue and are working on a fix.

2.5.5.12. Turbine Cloud 25.1.3 Release

Turbine 25.1.3 resolved an issue that caused the search page to freeze when viewing reports with a large number of records. Reports now load and function as expected for all record volumes.

2.5.5.13. Turbine Cloud 25.1.2 Release

June 2, 2025

Turbine Cloud 25.1.2 fixed a validation error that prevented saving records via the UI when one or more text fields contained an ISO-8601 timestamp.

2.5.5.14. Turbine Cloud 25.1.1 Release

May 29, 2025

Turbine Cloud 25.1.1 release is functionally same as 25.1.0, with a minor internal update in 25.1.0 related to cloud environment variables. This change has no impact on user experience or functionality.

Turbine 25.1.1 introduces powerful new features and enhancements that elevate platform usability, intelligence, efficiency, and performance. These updates reinforce Swimlane's commitment to continuous innovation and scalable automation.

Key Highlights:

One of the key highlights of the release is the new Orchestration Insights Dashboard further enhances operational visibility by surfacing Playbook failures, timeouts, and infinite loops, with proactive email notifications and direct access to Orchestration Insights Page with playbook runs

2.5.6.6. Turbine Cloud 25.0.6 Release

March 18, 2025

This release includes enhancements to existing features and addresses several issues identified in Turbine Cloud 25.0.0, improving both functionality and user experience.

Addressed Issues

- **Playbook Button– Flow Creation:** Resolved an issue where duplicate flow names appeared when linking a playbook button to a playbook flow.
- **Roles Missing from Field Permissions Dropdown:** Resolved an issue where field permissions could only be applied to a single field within an application.
- **Record Correlation:** Fixed an issue where record correlation failed when a record's field used in the filter was null.
- **Tenant Service**
 - Implemented minor updates to improve the logging of errors and warnings.
 - Resolved an issue where the Tenant list displayed as "Unsorted" for non-admin users and "Sorted" for admin users. The fix ensures the Tenant list is consistently sorted for both admin and non-admin users.
- **Content Library:** Added an enhancement to ensure that only relevant repositories containing SSPs are indexed when syncing content with an external GitHub repository in the Content Library. This prevents other repositories, used for different purposes, from being indexed and synced to the Turbine Content Library.
- **Search in Admin panel:** Resolved an issue with search filters that caused previously selected users to be cleared. The fix ensures that selected users in the user field remain visible while searching for other users.
- **User Groups and Roles:** Resolved an issue where users without a username were not visible in the user dropdown, impacting the ability to assign roles and groups. Users without a username are now visible and can be added from the user dropdown on the Roles and Groups page.
- **Offset Parameter with Record Search endpoint:** Resolved an issue with the v2/record/search endpoint not utilizing the Offset parameter, resulting in incorrect pagination of reports. The fix ensures the Offset parameter functions properly, and reports are paginated correctly.
- **Advanced Transform YAML inconsistency issue:** Resolved an issue where different YAML outputs were being generated for playbooks using advanced transforms. The update ensures that YAML generated through advanced transform configurations remains consistent.
- **Canvas: Playbook Runs ("Created" renamed to "Queued"):** Resolved an issue where the start dates of playbook jobs were being reported incorrectly. There is a minor UI level change with this fix. Playbook run console has a UI change: The "Created" field on playbook run console has been renamed to "Queued"

Known Issues

2.5.7.5. Turbine Cloud 24.3.5 Release

This release introduces minor enhancements to existing features and resolves an issue identified in Turbine Cloud 24.3.0, delivering a better user experience.

For a list of addressed issues, see [Addressed Issues](#).

2.5.7.5.1. Addressed Issues

- **Records:** Resolved an issue where saving records caused errors. The issue stemmed from a missing feature flag check, which led to unintended record patching. This has been addressed, ensuring consistent behavior with feature flag settings. Records are now saved without errors, and the record-patching capability functions as intended, allowing global patching without full replacements.

2.5.7.6. Turbine Cloud 24.3.4 Release

The new auditlogs endpoint enhances log retrieval capabilities with pagination, tenant-based filtering, and the option to include account-level logs, improving performance and usability. Users are encouraged to transition to this endpoint as the previous version will soon be deprecated.

This release includes enhancements to existing features and addresses several issues identified in Turbine Cloud 24.3.0, improving both functionality and user experience.

- For a detailed list of features, see [What is New in this Release](#).
- For list of addressed issues, see [Addressed Issues](#).
- For a comprehensive overview of all features, resolved issues, and known issues in Turbine Cloud 2024 Release 3, see [Turbine Cloud 2024 Release 3](#).

2.5.7.6.1. What is New in This Release

- **PAT Token Support:** The Turbine API now supports Personal Access Tokens (PAT), enabling users to authenticate without a username and password. This enhancement offers a more secure and flexible login experience.
- **Enhanced Record Patching:** Record updates now send only the fields that have been modified, rather than updating the entire record. This reduces the risk of race conditions during concurrent edits made via the UI, co-editing sessions, and playbooks.
- **Audit Logging:** A new auditlogs endpoint has been introduced, providing enhanced log data that includes pagination and the total number of logs. This new endpoint improves performance and usability, allowing more efficient log retrieval.
 - **New Parameters:**
 - `tenantList`: Enables filtering logs by a specific list of tenants.
 - `includeAccount`: Allows the inclusion of account-level logs in the response.

2.5.8.3. Known Issues and Workarounds

- **Copying Playbooks and Actions:** Copying playbooks and actions does not generate new schemas and webhook URLs, which means the copied playbook can remain linked to the original. Note that any changes made to schemas in one playbook also affect the other.
- Additionally, if you delete a webhook in the copied playbook, it also removes the webhook from the original.
- **Record Action:** When adding fields to the map, make sure to select all the necessary fields the first time. If you reopen the map and add new fields later, the previously added fields are removed.
- **Reports:** Double quotes are not displayed correctly in a report after the page is refreshed.
- **Records:** The hover functionality does not work on the record page currently.
- **Records:** There is a bug (breaking change) where boolean values (true and false) are no longer automatically mapped to the string values "True" and "False" in selection fields within records.
 - **Workaround:** Instead of using boolean values and expecting the system to map them to the corresponding strings, you need to directly map the strings "True" or "False" during the create/update process.
- **SSP Export:** When exporting SSP, a 500 error occurs if any record actions are not configured with an application.
- **Canvas:** Existing playbooks will not work with Canvas. Compatibility between Canvas and existing playbooks will be provided in a future version of Turbine.
- **Condition actions:** A condition action in a loop with no action in the true path will result in a playbook failure, even after all actions in False path are successful. Add a dummy action in the True path to ensure the playbook has the correct result.
- **New Error Message for Records:** Mapping values to selection fields that do not match the available options will now cause the action to fail, though all other fields will still be mapped correctly.
 - For example, if you pass an undefined value or "Swimlane" to a checkbox field that only accepts "Hello" or "World" as options, nothing will be set for that field, and the action will fail with an error message for that field.
 - Therefore, it is advised to ensure that the correct value is being sent or to update the downstream action to trigger on completion.

2.5.8.4. Turbine Cloud 2024 Release 2 Drop 13

This update enhances the features to resolve the issues found in Turbine Cloud 2024 Release 2 drop 12.

For a list of addressed issues, see [Addressed Issues](#).

2.5.8.4.1. Addressed Issues

2.5.8.8.2. Known Issues

- **Canvas: Sensitive Data Feature**
 - There is a minor bug in the sensitive data feature where sensitive results from sub-playbook action used in a loop or repeat in the parent playbook will not be obfuscated in the parents results. A fix for this issue will be included in the next release.
- **Canvas: Dragging an IF Action Between Two Actions**
 - There are instances where dragging an IF action between two actions on the graph may cause performance issues. If you notice any performance impact, log a support ticket. Our team will provide a workaround to resolve the issue. A permanent fix for this issue will be included in the next release.

2.5.8.9. Turbine Cloud 2024 Release 2 Drop 8

August 1, 2024

This update enhances the features to resolve the issues found in Turbine Cloud 2024 Release 2 drop 6.

For list of addressed issues, see [Addressed Issues](#).

For list of known issues, see [Known Issues](#).

2.5.8.9.1. Addressed Issues

- **Record Actions:**
 - Implemented a fix for an issue where saving field selections for update/append/remove fields in a native record action and then returning to add more fields would deselect or remove the initial selections. The fix ensures that users can now add fields without resetting the previous selections and that the remove/append checkboxes remain configured.
 - Implemented a fix for an issue where selecting a single-select menu item and clicking the Submit button to execute a playbook did not result in the expected layout change of the record. The fix ensures that the record layout now updates correctly after the playbook runs, reflecting the changes based on the selected menu item.
 - When using native record action, analysts were unable to save records. We have addressed that issue by granting necessary permissions to the system user, so that the analysts can now seamlessly create records.
 - Fixed an issue where User/Group fields were not selectable in the Append or Remove Field sections of the Upsert Record action. Also, Single Select fields were selectable when they should not have been. The fix ensures that field selection works as expected.
 - Fixed an issue that could cause Record Update Actions to fail when clearing attachment fields for the record. The fix ensures that attachments work as expected with record

2.5.8.13. Turbine Cloud 2024 Release 2 Drop 3

June 13, 2024

For a detailed list of features and known issues included in the Turbine Cloud 2024 release 2, See [Turbine Cloud 2024 Release 2.](#)

For the list of addressed issues, see [Addressed Issues.](#)

2.5.8.13.1. Addressed Issues

- Fixed an issue in the record action connector where boolean values were not being mapped correctly. The implemented fix now ensures that boolean values (true and false) are automatically mapped to the string values "True" and "False" for selection fields in records.

2.5.8.14. Turbine Cloud 2024 Release 2 Drop 2

June 13, 2024

This release includes minor system improvements.

For a detailed list of features and known issues included in the Turbine Cloud 2024 release 2, See [Turbine Cloud 2024 Release 2.](#)

2.5.8.15. Turbine Cloud 2024 Release 2 Drop 1

June 10, 2024

For a detailed list of features and known issues included in the Turbine Cloud 2024 release 2, See [Turbine Cloud 2024 Release 2.](#)

For the list of addressed issues, see [Addressed Issues.](#)

2.5.8.15.1. Addressed Issues

- Addressed an issue where mapping attachments to attachment fields in classic playbooks caused errors, preventing attachments from being written to records. Users can now successfully map attachment fields and write attachments to records without encountering any errors.

2.5.9. Releases Prior to 24.2.0

Turbine Cloud 2024 Release 1 Drop 2

3.2.1. Turbine On-Prem 26.2.3 Release

Turbine 26.2 delivers significant enhancements in automation development and platform management.

The release introduces powerful new Hero AI capabilities that make AI-powered automation more transparent and flexible. It adds detailed Hero AI usage and credits dashboards for better visibility and cost management, enhances the Playbook Generator with guided prompts and progress updates, enables AI-assisted widget creation directly within the application builder, and gives administrators greater control by allowing AI model selection for Hero AI native actions.

The release also improves solution deployment through enhanced import/export capabilities for application records. Developer productivity gains include a redesigned Transform Data native action, configurable payload handling for webhooks and HTTP actions, Canvas annotations, and numerous Canvas usability improvements.

Overall, Turbine **26.2.3** enhancements make Turbine more accessible, more intelligent, and easier to use day-to-day, helping teams deliver automation faster, onboard new users more quickly, and spend less time navigating the platform and more time driving operational outcomes.

What's New in This Release?

Action Required: SAML Signing Certificates Required Beginning in Swimlane 26.3.0

Starting with Swimlane **26.3.0**, all SAML SSO configurations must include a valid signing certificate. Existing logins will continue to work, but configurations without a certificate cannot be modified until one is added. Learn more in [Enable SAML for SSO](#).

Hero AI Credits and Usage Dashboards

Turbine 26.2.0 adds **Hero AI Credits**, **Hero AI Prompts**, and **Hero AI Tokens** under **Admin Panel > Usage**, replacing the legacy **Hero AI** usage page. All accounts can open these dashboards to review Hero AI consumption by playbook, component, user, and token category.

The **Hero AI Credits** dashboard includes a **Credits Summary** with contract-month totals when the **Hero AI Credits** feature is enabled for your account. Monthly credit allocation, remaining credits, and usage progress apply only to accounts on the Hero AI Credits pricing model. **Hero AI Prompts** and **Hero AI Tokens** remain available for usage visibility when no credit contract applies.

Administrators can filter usage by tenant, date range, and automation type. Accounts on credits-based pricing can configure usage caps and threshold notifications to manage consumption across Hero AI features.

The legacy **Hero AI** usage page is fully deprecated in **26.2.0**. When you use the new dashboards to review data from before the release, keep the following migration limits in mind:

- **Hero AI Prompts and Hero AI Credits** — Filters such as **Playbook**, **Component**, and **Model Type** rely on fields that were not captured in older usage logs. Those filters do not apply to historical data from before **26.2.0**; the **Tenant** filter continues to work across all dates. For older date ranges, the detailed usage table at the bottom of the dashboard may appear

3.4.1.2. Turbine On-Prem 26.0.3 Release

April 16, 2026

This release corrected an issue where bulk updates using an “any” filter can inadvertently update all records in the application instead of the selected records.

3.4.1.3. Turbine On-Prem 26.0.2 Release

April 08, 2026

This release addresses issues identified in previous versions and includes fixes across dashboards to improve filter consistency and data flow between dashboards, reports, and downloaded outputs.

Addressed Issues

Dashboards and Reports

- Fixed cases where **card-level date filters**, **dashboard-level filters**, or **report-level filters** were sometimes **ignored** or applied in the **wrong order**, which caused **dashboards**, **previews**, **downloads**, and **scheduled outputs** to disagree.

This update introduces a **standardized filter framework** that delivers:

- **Consistent application** of **global**, **dashboard-level**, **card-level**, and **report-level** filters across **all views and outputs**
- **Correct evaluation order** so filters apply predictably during **data load** and **refresh**, without timing-related mismatches
- **Aligned behavior** between **Schedules and Settings** and **Quick Share / downloads**, so saved schedules and ad hoc exports follow the same rules

Dashboards, reports, previews, downloads, and scheduled email now reflect the **same configured filters** with **consistent, accurate data**.

- **Downloaded Dashboard and Report Links Redirect to Invalid Pages:** Fixed an issue where navigation links included in downloaded dashboards and reports redirected users to a blank page or “Page Not Found” error. This was caused by incorrect URL structures generated during download and sharing workflows. The link generation logic has been updated to ensure all links correctly direct users to the intended dashboard or report within the platform.

Known Issues

- **Drill-in with OR filters:** If a report’s saved filters use **OR** between conditions, drill-in from a dashboard chart may not preserve every filter the same way as the dashboard view. **AND** filters and reports without extra preconfigured filters are more reliable. See [Drill-in](#) in the user guide.
- **Dynamic card layout:** Changing the date range or loading more data can change card height and reflow neighbors; a card may briefly show **No data to display** until you refresh the dashboard, resize a card, or reload the page. See [Dashboard Behavior and Limitations](#) and

3.5.2.1. What's New in this Release

Deprecation Notice: Ubuntu 20.04 Support (Swimlane Turbine)

Ubuntu 20.04 has reached end of life. After the **25.4.0** release, **Swimlane Turbine will no longer support deployments running on Ubuntu 20.04.**

We recommend upgrading to the latest supported Ubuntu version.

Hero AI powered by Anthropic's Claude models

- **Advanced Multi-Model Strategy:** Hero AI is now powered by Anthropic's Claude Sonnet and Haiku models. These state-of-the-art models provide faster, more contextually aware responses and better comprehension across automation and analysis tasks.
- **Enhanced context window:** Hero AI now supports up to a 200K token context window and up to 8k output token window, enabling it to process long documents, correlated events, and extended context. This improvement increases accuracy and continuity in complex queries.
- **Improved reliability and scalability:** With AWS Bedrock's managed, enterprise-grade infrastructure, Hero AI now benefits from increased uptime, built-in scalability, and enhanced security and compliance.
- **Data privacy and protection:** Customer data remains fully protected. No customer data is used to train the model, maintaining Swimlane's enterprise-grade security standards.
- **Clearer Native Action configuration:** The **MaxTokens** field in the Hero AI Native Action configuration was renamed to **MaxOutputTokens** to more accurately reflect its true meaning. The current maximum allowed value is 8,192 output tokens.
- **Multi-Model Fallback mechanism:** Hero AI is designed with a tiered approach of primary, secondary and tertiary Claude models. Hero AI may fall back to use a different model to gracefully handle certain model-specific errors or circumstances such as hitting a rate limit, temporary connectivity issues or temporary high load.

Per-Tenant Configuration Support for Hero AI

Turbine customers can now enable or disable Hero AI at the tenant level, providing greater flexibility and control over Hero AI usage.

- Customers who do not use Hero AI will see no changes to their current experience.
- Customers who use Hero AI can now choose to enable or disable it per tenant, tailoring the Hero AI experience to their specific tenants.

Enhanced Condition Builder

Condition Builders in Turbine now supports the contains any operator for the arrays and lists. The Export Action, Record Search Action, Reports Dashboard and color coding condition builders now support "contains any" operator.

Users can now configure record searches or exports to check if an array field contains any or all of the specified values before returning results. Both operators support case-sensitive and case-

3.5.3.5. Turbine On-Prem 25.3.2 Release

September 22, 2025

Addressed Issue:

- **SSP Import Handling for Modified Components:**

Resolved an issue where re-importing an SSP showed as successful but did not update playbooks in the destination tenant to reflect the exact state of the source tenant. The fix adds an additional condition to ensure that newly added or modified components are correctly processed during SSP import, so that when an SSP is exported from one tenant, updated in another, and re-imported, the overwrite step now updates the playbooks as expected.

3.5.4. Turbine On-Prem 25.2.1 Release

July 31, 2025

Turbine On-Prem version 25.2.1 includes:

- All **Hero AI enhancements and other updates** that were introduced in version Turbine Cloud 25.2.0
- A **bug fix** that was originally delivered in version 25.1.10

For more details, you can review the [25.2.0 Release Notes](#) and [25.1.10 Release Notes](#).

3.5.5. Turbine On-Prem 25.1.2 Release

June 5, 2025

Turbine On-Prem 25.1.2 introduces powerful new features and enhancements that elevate platform usability, intelligence, efficiency, and performance. These updates reinforce Swimlane's commitment to continuous innovation and scalable automation.

Key Highlights

One of the key highlights of the release is the new **Orchestration Insights Dashboard** further enhances operational visibility by surfacing Playbook failures, timeouts, and infinite loops, with proactive **email notifications** and direct access to Orchestration Insights Page with playbook runs for faster resolution.

The release also introduces **one-click Sensitive Data Handling in Canvas**, allowing sensitive inputs and outputs to be securely masked across the platform supporting compliance, audit readiness, and improved data privacy.

This release boosts Orchestrator productivity with a new **Record Export Action** and enhanced **pagination** support in the existing Search Record action, enabling efficient data retrieval, reduced system load, and greater control and precision when working with large record sets.

Additional upgrades to the **Content Library** include native support for GitLab repositories and

3.5.5.8. Turbine On-Prem 25.1.3 Release

Turbine 25.1.3 resolved an issue that caused the search page to freeze when viewing reports with a large number of records. Reports now load and function as expected for all record volumes.

3.5.6. Turbine On-Prem 25.0.4 Release

Feb 27, 2025

Turbine On-Prem 25.0.4 Release introduces groundbreaking features and enhancements that elevate platform efficiency, intelligence, and usability, reaffirming Swimlane's commitment to innovation.

Key Feature Highlights

One of the key highlights is the all-new **Hero AI Companion**. This innovative chat is designed to empower analysts by searching records, providing actionable insights, and significantly reducing the time needed to investigate and close cases. Hero AI's context-aware capabilities allow it to summarize cases, retrieve essential data like CVE information, and suggest actionable next steps. With customizable access controls and seamless integration across Turbine Cloud and On-Premises deployments, Hero AI ensures top-tier security and compliance while bringing Swimlane's vision of AI-powered human expertise augmentation closer to reality. This intelligent assistant drives measurable improvements in time to value, operational efficiency, and decision-making.

The release also introduces the **Configuration Manager**, a new user interface that centralizes asset management for multi-tenant users. Its intuitive design and features accelerate cross tenant asset configurations.

This release boosts orchestrator productivity with new features, including **While loops**, **Native Actions like Emit**, **Get Rows**, **Swimlane Intelligence**, and the **Flow Event Trigger**. These enhancements enable efficient processing of large datasets, dynamic event-driven automation, and streamlined handling of large data ingestions.

The enhanced **Usage Metric Dashboard** offers advanced playbook metrics, tenant-specific filtering, and Hero AI prompt tracking, providing enhanced visibility into systems and workflows.

This release marks a key step in Swimlane's mission to deliver advanced automation, intuitive usability, and actionable insights, driving customer success.

For more information, see [What is new in this release](#), [Addressed Issues](#), and [Known Issues](#).

3.5.6.1. What is New in This Release

New Features

Hero AI Companion

- A groundbreaking feature that brings AI-powered automation to case investigations and incident management.

3.5.7.1. What is New in This Release

New Features

Version Control with Git Integration

Version control is now supported in Turbine Library. Enterprise customers with Advantage/ Premium/ Enterprise tiers will also get the premium feature to configure and use an external GitHub repository with their Turbine accounts.

Key Features:

- **Versioned content packages:** Content published into Turbine Library will be supported with version control.
- **Push:** After publishing content, commit and push changes to your connected remote repository.
- **Pull:** Sync the latest updates from the remote repository into your Swimlane Turbine Library.
- **Global Publishing Workflow:** Users can now create custom content packages by selecting any playbooks, components, and other Turbine entities.
- **View and reset Turbine Library History:** View activity history in Turbine Library, with the ability to reset the Library to a previous state if needed.

For more information on version control, see:

- [Enabling Git Integration](#)
- [Content Library](#)
- [User Content](#)

New Native Action: Hero AI with LLM Integration

Introducing Hero AI, a new native action that integrates Swimlane LLM to provide simplified AI-powered workflows. This feature streamlines Prompt Creation and enables orchestrators and analysts to generate quick, AI-powered responses directly within their orchestration processes.

Key Features:

- **Simplify Prompt Creation:** Leverage LLM technology to easily generate and customize AI prompts for various workflows.
- **Quick AI-Powered Responses:** Receive fast, intelligent responses seamlessly integrated into playbooks and components, enhancing the efficiency of automated decisions.

For more information, see [Hero AI Native Action](#).

Usage Metrics Dashboard

The Usage Metrics Dashboard provides comprehensive insights into orchestration activities. This dashboard delivers real-time metrics and visibility into key areas, including:

Key Features:

- **Playbook Runs:** Monitor and analyze the performance and execution of playbooks, enabling more efficient optimization of automated workflows.

3.5.7.6.1. What is New in This Release

- **PAT Token Support:** The Turbine API now supports Personal Access Tokens (PAT), enabling users to authenticate without a username and password. This enhancement offers a more secure and flexible login experience.
- **Enhanced Record Patching:** Record updates now send only the fields that have been modified, rather than updating the entire record. This reduces the risk of race conditions during concurrent edits made via the UI, co-editing sessions, and playbooks.
- **Audit Logging:** A new auditlogs endpoint has been introduced, providing enhanced log data that includes pagination and the total number of logs. This new endpoint improves performance and usability, allowing more efficient log retrieval.
 - **New Parameters:**
 - `tenantList` : Enables filtering logs by a specific list of tenants.
 - `includeAccount` : Allows the inclusion of account-level logs in the response.
 - The old audit log endpoint will be deprecated soon, so users are encouraged to transition to the new auditlogs endpoint for improved functionality.

3.5.7.6.2. Addressed Issues

- **SSO Login:**
 - Fixed an issue where, when a reverse proxy was configured in the Identity Provider, users were still being redirected to the Swimlane URL during SSO login. This has been resolved, and users can now log in correctly when a reverse proxy is set up.
- **Groups:**
 - All groups are now added to the user/groups field in the application, allowing users to search for groups without needing to update settings. Users can still choose to restrict groups, but by default, access is provided to all groups.
 - Resolved an issue where assigning one group to another occasionally failed.
- **Usage Metrics Dashboard:**
 - The issue in the **Events** Dashboard, where the **Triggered Playbooks** column was incorrectly displaying the number of events instead of the actual count of triggered playbooks, has been resolved. The column now accurately reflects the correct number of triggered playbooks.
- **Content Library:**
 - **Content Package Title Validation:** UI validation has been added to check for invalid characters and duplicate names in content package titles. Users are now prompted to correct these issues before publishing content to the Turbine Library.
 - **General Improvements:** A series of UI enhancements have been made to ensure a consistent experience, along with backend updates to reduce latency in certain API calls related to the Turbine Library Git integration feature.
- **Records:**

3.5.8.5. Turbine On-Prem 2024 Release 2 Drop 7

This update enhances the features to resolve the issues found in Turbine On-prem 2024 Release 2 drop 5.

For list of addressed issues, see [Addressed Issues](#).

For list of known issues, see [Known Issues](#).

3.5.8.5.1. Addressed Issues

Previously, loading a playbook would fetch all custom schemas in the system for a tenant, resulting in a large number of network requests and potential performance issues. With this update, only the schemas required for a given playbook are fetched upon playbook load. This will significantly enhance performance by reducing unnecessary network requests.

3.5.8.5.2. Known Issues

- **Classic Playbook : Calling sub-playbooks as Actions.**
- There is a potential race condition when a user selects a sub playbook as an action. An API request is made to retrieve the playbook data and if the user opens the configuration dialog before the data has been fully loaded, the inputs and outputs will not be visible. As a workaround, users need to close and reopen the dialog to view the inputs and outputs correctly.

3.5.8.6. Turbine On-Prem 2024 Release 2 Drop 5

The Turbine On-Prem 24.2.5 release empowers administrators to streamline on-boarding and off-boarding of users efficiently.

- **Simplified User Management:** System for Cross-domain Identity Management (SCIM) provisioning automates user on-boarding, off-boarding, and User Management, reducing manual intervention and errors.

For list of addressed issues, see [Addressed Issues](#).

3.5.8.6.1. What is New In This Release

SCIM Support:

SCIM integration with Turbine automates the creation, management, and deletion of users and groups. Administrators can now create new users in their Identity Provider (IDP) and automate both the onboarding and offboarding processes through continuous synchronization. This streamlines user management, enhances the user experience, increases operational efficiency, and reduces manual errors for administrators.

4.1.2. AI SOC Solution Release 26.1.0

AI SOC 26.1.0: Stronger Analyst Workflows and Faster Alert Onboarding

AI SOC **26.1.0** includes new capabilities and fixes that improve reliability across case management, threat intelligence, alert ingestion, and routing workflows.

This release strengthens day-to-day analyst work on case records. Playbook run visibility, phishing email preview on signals, and threat intelligence re-query on new signals help teams trace automation, review alert context in the record, and base verdicts on current intelligence rather than stale enrichment.

AI Alert Ingestion is included in the **26.1.0** solution package, with Alert Schema Store, mapping safeguards, and connector onboarding improvements that reduce time to connect new alert sources. **Hero AI** gains richer solution context through descriptions and Visible to Hero AI settings, updated threat intelligence enrichment components improve observable enrichment reliability, and the JSONata Helper agent helps builders create and validate transformation expressions in playbooks and components.

For installation, configuration, and daily operations, see [AI SOC Solution](#).

What's New in This Release

Playbook Run Visibility

Routing and automation are easier to trace on case records:

- The **AI Analysis widget** links playbook run details when a routing playbook runs for subsequent alerts, so you can see what ran and open the run in Operational Health.
- **CASE** records include a **Playbook Run ID** field under routing rule matches, updated by the **AI SOC – Update Playbook Run ID** component in the solution bundle.

Phishing Email Preview in Signal Records

Phishing email ingestion now renders a visual preview of reported email content on signal records. Analysts can review the message in context under **Support** → **Phishing Email Data** without leaving the record.

Threat Intelligence Re-Query on New Signal Records

When a new signal record is created, attached threat intelligence records are re-queried against providers. Observable reputation can change over time; re-querying helps ensure verdicts reflect current intelligence rather than stale cached results.

AI Alert Ingestion Improvements

AI Alert Ingestion is included in the AI SOC 26.1.0 content bundle and includes several enhancements:

- **Content bundle** – AI Alert Ingestion SSP is included in the AI SOC 26.1.0 solution package

4.5. Swimlane Vulnerability Response Management

4.5.1. Swimlane Vulnerability Response Management Release 25.2.0

New Features and Enhancements

- Added "Requires Attention" Field to core VRM applications (Vulnerability Finding, Vulnerability Case Management, Vulnerability Remediation Item). Field was already present in Vulnerability Asset application.
- Added supporting logic for "Requires Attention" fields in VRM – Vulnerability Response Management playbook.
- "Date Closed", "MTTR", and "Status" field are now updated in Vulnerability Finding application when Vulnerability Findings are ingested with vulnerability-finding-remediation-status set to "Closed".

Addressed Issues:

- Addressed logical error preventing caching of exports used in deduplication from refreshing as expected. Fixed in "VRM – Get Findings CSV Export" : "Evaluate Search Results" : "Not_Stale".
- Update Case Risk Scores flow no longer times out if a large number of findings are in a Vulnerability Case.
- Vulnerability Finding max results no longer constrained at 1000 Vulnerability Findings for purposes of calculating Vulnerability Asset Max Finding Score and Open Vulnerability Count.
- EPSS scores are now rounded to 3 decimal places when returned from Swimlane Intelligence.
- CVSS scores are now rounded to 1 decimal place when returned from Swimlane Intelligence.
- Automated Grouping:
 - Mapping fixes in VRM – Automate Grouping component
 - Changed verbiage from "Automatic Grouping" to "Automated Grouping" as well as "Automatic Grouping and Remediation" to "Automated Grouping and Remediation" in the following locations:
 - Vulnerability Case Management application
 - VRM – Automate Grouping component: Highest Flow Automation block
- VRM – Case Management status now defaults to "Open" for manually created cases.
- Close Ticket button now appears on both "New" and "Open" status in Vulnerability Remediation Item application.
- vulnerability-finding-raw-json field is now enforced as a stringified JSON object

Swimlane Vulnerability

4.5.3.5. Response Management Release 25.0.2

This **Swimlane Vulnerability Response Management Release 25.0.2** release includes enhancements, optimizations, and bug fixes to improve the efficiency and accuracy of the Vulnerability Response Management solution.

New Features and Enhancements

- **Ingestion Batching:** The Vulnerability Response Management solution now has the ability to ingest scan results in paginated batches, reducing the risk of timeouts on larger ingestions and ensuring a more even flow of ingested Vulnerability Findings into the system.

Addressed Issues

- **Group Generation Fix:** Resolved an issue where findings ingested between 23:00 and 00:00 UTC daily might not be included in automatically generated groups.

Swimlane Vulnerability

4.5.3.6. Response Management Release 25.0.1

This **Swimlane Vulnerability Response Management Release 25.0.1** release includes enhancements, optimizations, and bug fixes to improve the efficiency and accuracy of the Vulnerability Response Management solution.

New Features and Enhancements

- **Editable Remediation Advice for ITSM Tickets:** Added a checkbox to the **Vulnerability Remediation Fields** allowing users to edit remediation advice before creating ITSM tickets. This enhancement provides greater flexibility and control over remediation guidance.
- **Optimized Enrichment Pipeline:** Improvements have been made to the enrichment pipeline to prevent unnecessary components from ingesting **Swimlane Intelligence** data, leading to better performance and resource utilization.

Addressed Issues

- **Asset ID Population Fix:** Resolved an issue where the primary Asset ID Field in Findings was not populated if the primary Asset ID was not provided to the enrichment flow. This fix ensures more accurate asset tracking within the system.

4.7.2. Swimlane Content Release 2024.2.0

Hero AI: Case Summarization and Recommended Actions are now part of the Case and Incident Management application, providing automated summaries and suggested actions. Crafted AI Prompts are available as a solution extension, enhancing AI capabilities. These features provide powerful tools for greater efficiency and effectiveness in automation and data management processes.

SOC Solution and Collaboration Solution: They are now updated for Canvas and renamed to SOC Solutions Bundle and Collaboration Extension.

4.7.2.1. Whats New in Swimlane Content 2024.2.0

Hero AI

Hero AI has two new features available with the Swimlane Content 2024 Release 2. Case Summarization and Recommended Actions are included in the Case and Incident Management application, providing plain-text summaries and suggested remediation and mitigation actions. Crafted AI Prompts, which let users create their own custom prompts, are available as a solution extension. These new features take advantage of the Swimlane LLM to offer powerful new automation capabilities while securely and privately handling sensitive data.

SOC Solutions Bundle

We have converted the SOC Solution to work with Turbine Canvas. Functionally, the solution is essentially the same, but it takes advantage of advanced Canvas features such as Interfaces. We have renamed playbooks and components and added descriptions to make the workflow easier to understand. Note that the solution is now named and packaged as the SOC Solutions Bundle.

Collaboration Extension

As with the SOC Solutions Bundle, we have converted the Collaboration Solution to work with Turbine Canvas under the new name of the Collaboration Extension.

For the list of new or updated Connectors, see [New or Updated Connectors](#).

4.7.2.2. New or Updated Connectors

Here is the list of new or updated Turbine Connectors:

Absolute	Armis Centrix Platform integration	AWS CloudWatch	AWS Config
AWS Guard Duty	AWS IAM	BMC Remedy On-demand for Lowes	Box
Centreon	Citrix Sharefile	Claroty Continuous Threat Detection (PwC)	Cortex xSOAR

4.7.3. Prior Releases

Turbine Content March 2024 Release Drop 2

March 22, 2024

In this release, Swimlane is updating the SOC Solution to version 1.2.6. This version:

- Allows the SOC Solution to install properly in tenants that previously may have experienced an issue due to a correlation field.
- Includes the following updated VICs in the SOC Solution so that the Threat Intel playbooks continue to work when the assets are not configured correctly:
 - GetEnrichment from IPQualityScore
 - Get Enrichment from URLHaus
 - Get Enrichment from VirusTotal

Turbine Content March 2024 Release Drop 1

March 15, 2024

In this release, Swimlane is updating the SOC Solution to version 1.2.5. This version includes the following fixes

- Missing Threat Intel record trigger added to the Threat Intel Enrich Observable playbook.
- An input corrected in the Run Observable Enrichments script

Known Issue:

- Correlation fields installed via SSP will not correlate. They must be re-created after installation.

Turbine Content March 2024 Release

March 11, 2024

In this release, Swimlane is updating the SOC Solution to version 1.2.4. This version fixes the following bugs in SOC Solution v1.2.3

- Threat Intell is failing to complete when the Extended_value is set to null.
- Processing Observables in SOC Solution fails for single observable.
- Signal Display Widget not showing images properly

In addition, the Recorded Future VIC is updated to map a failure to find an observable to the next action.

Turbine Content February 2024 Release Drop 1

February 22, 2024

In this release, Swimlane is updating the SOC Solution to version 1.2.3. This version fixes a bug in SOC Solution v1.2.2 where it was missing its Dashboard