



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 26.3.0 Release	1
2.1.2. Turbine Cloud 26.3.1 Release	1
2.1.3. Turbine Cloud 26.3.2 Release	1
2.1.4. Turbine Cloud 26.3.3 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	3
2.3. Turbine Cloud 26.1.x Release	1
2.3.1. Turbine Cloud 26.1.0 Release	1
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

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

2.2.3. Turbine Cloud 26.2.0 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 **26.2.0** 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.

Explore This Release?

Take an interactive tour of the key features in Turbinr 26.2 with the guided walk through below:



What's New in Swimlane 26.2

Your field guide to the features that matter most — for builders, admins, and power users.

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 **Identity Provider**

2.4.1.2. Turbine Cloud 26.0.2 Release

April 07, 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 [Dashboard Card Operations](#).
- Pie grid preview vs download:** The UI may round percentages for display; downloaded or exported files may show more decimal places. Percentages can differ slightly even when the underlying data matches. See [Pie Charts – Pie Charts – Pie grid.](#)

2.4.1.3. Turbine Cloud 26.0.1 Release

2.5.2.2. Addressed Issues

Canvas

- **Improved Handling of File Fields from Python Action**

Previously, when playbook schemas were retrieved via an HTTP action and passed into a Python action, an error occurred if a file was defined as an object in the schema. The issue has been resolved and Python actions now work correctly with file fields in playbook schemas.

- **Improved Error Messaging for Python Action Outputs**

When a Python action produces outputs that aren't JSON serializable, the platform now provides a clearer error message. This update replaces the previous generic "JSON serialization error" with a more descriptive message explaining that Python action outputs must be JSON serializable.

- Fixed an issue where data was not accessible from parallel actions nested within other parallel actions

Applications and Dashboards

- Fixed an issue in Application Workflows where configuring a condition with a User/Group field caused selected values to disappear after saving.

The workflow editor now correctly retains selected users and groups, ensuring values persist after save actions when defining workflow conditions.

- Fixed an issue where the Application History endpoint could fail when returning large responses due to missing pagination.

The endpoint is now paginated to prevent memory overloads and improve performance when retrieving applications with extensive revision histories.

- Fixed an issue where special characters such as "&" were incorrectly displayed as their HTML entity equivalents (for example, &) in dashboard reports. With this fix, all special characters—such as ampersands and commas—now render correctly across all dashboard and report views.

- Fixed an issue where the date picker tooltip displayed the same value for both the start and end dates after a page refresh.

- Fixed an issue where the first navigation attempt to dashboards across tenants sometimes displayed a "System Error Occurred" message due to failed statistics calls.

- Fixed an issue where selecting a relative date range (such as "This Week" or "This Month") multiple times in the date picker converted it into a fixed timestamp, causing the same start and end dates to appear. The relative date range now remains consistent, ensuring that filters like "This Month" continue to function dynamically as intended.

- Fixed an issue where the selected date range in the calendar was not retained after a page refresh. The highlighted range now correctly remains visible as long as the start and end date values are still present.

- Fixed an issue where custom relative date ranges were not consistently supporting all documented time units and syntax, causing valid expressions (for example, now-5d to now+5d) to return invalid results. The filter now correctly evaluates all supported time units —

2.5.3.5. Turbine Cloud 25.3.5 Release

October 27, 2025

Turbine 25.3.5 addresses an issue in record updates that was identified in version 25.3.3.

Record Update Issue with Global Record Patching Enabled – Resolved an issue where saving a record multiple times in the UI could incorrectly include unchanged field values from previous saves. Records are now correctly updated after each save, preventing unnecessary additions to subsequent saves and ensuring cleaner, more accurate record patches.

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.

2.5.5. Turbine Cloud 25.1.0 Release

May 22, 2025

Turbine 25.1.0 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 persistent Git storage, improving sync reliability and performance.

The release enhances **Hero AI Companion** with new capabilities that allow users to rate responses, provide optional feedback, and copy AI-generated outputs improving usability and helping refine AI interactions over time.

Enhanced **Usage Dashboard** in this release provide more granular insights into platform activity, including metrics for average AI prompts and events per day, enabling teams to better monitor and optimize automation performance.

This release marks a key step in Swimlane's mission to deliver an intelligent, secure, and scalable automation platform that meets the dynamic and evolving needs of modern enterprises, reinforcing our focus on enabling long-term customer success.

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

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](#).

2.5.5.10. Turbine Cloud 25.1.5 Release

June 18, 2025

This release includes enhancements to existing features and addresses several issues identified in Turbine Cloud 25.1.0, improving both functionality and user experience.

Addressed Issues

Records:

- **Record link for single-select reference:** Resolved an issue where reference record URLs were not being generated correctly, which led to broken links and errors when attempting to access the records. This issue has been addressed, and reference record URLs now generate properly and function as expected.
- **Record merging during environment slowness:** Resolved an issue where, under conditions of slow network speed or environmental slowness, switching quickly between records could result in incorrect data being displayed. Previously, if a user clicked on one record and then quickly clicked on another before the first record fully loaded, the second record might display and save data from the first record. This has now been fixed. The application now properly cancels the previous request when a user selects a different record, ensuring that only the correct data is shown and saved in records
- **Co-Editing:** Resolved an issue where co-editing events were incorrectly triggered by real-time updates. Previously, when fields like lists or checkboxes were updated externally, the frontend would publish co-editing events as if the user had made the changes. The fix ensures that co-editing events are now only triggered when the user actively makes changes, ensuring a more accurate and consistent co-editing experience with records.
- **GlobalRecordPatching:** Resolved an issue where unmodified fields were incorrectly included in PATCH requests when the *GlobalRecordPatching* feature was enabled. This behavior could lead to unintended data changes. PATCH operations now only include fields that have been explicitly modified.
- **Record Update Action:** Resolved an issue where valid URLs ending with special characters were incorrectly flagged as invalid during the Update Record action. The validation has been updated to correctly allow such URLs, preventing unnecessary *UrlTextFieldFormatError* messages.
- **Record Import from CSV file:** Resolved an issue that caused CSV record imports to fail when Timespan or URL fields contained empty or null values. Imports now complete successfully even when these fields are left blank.
- **Record Updates:** Resolved an issue where record updates did not properly enforce Tracking ID uniqueness, which could result in duplicate records being created under certain race conditions. This has now been corrected to ensure uniqueness is maintained during updates.
- **History Field:** Resolved an issue where the History field would not display correctly when placed on a non-default tab within a record. Previously, the history only appeared after the record was updated, causing confusion. Now, the History field consistently displays as expected regardless of which tab it's placed on.

2.5.6.5. Turbine Cloud 25.0.7 Release

April 01, 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

- **Remote Agents**
 - Resolved an issue where HTTP actions on remote agents failed to work properly when custom certificates were used.
- **Playbooks**
 - Fixed an issue where default values defined by a connector were applied to all input properties when configuring connector actions in playbooks.
 - Fixed an issue where input properties not defined in the connector schema were not included in the action's custom schema, causing them to be hidden in the input builder. The platform now generates a schema from the action's existing inputs and merges it with the current connector, component, or sub-playbook schema to ensure all inputs are preserved and displayed as expected.
 - Fixed an issue where playbook output application mappings were not being persisted. Output mappings are now correctly saved and configurable.
- **Canvas**
 - Fixed an issue that caused playbook property tokens to not display correctly when the playbook property reference included bracket syntax.
 - Fixed an issue where metadata for parallel group actions in Canvas could not be edited. Users can now update the title, key, and description of parallel actions as expected.
 - Fixed an issue that prevented users from adding new properties to objects when configuring a component action.
 - Fixed an issue where the condition builder appeared blank in the UI, even when conditions were configured. This was due to a runtime error that has now been fixed. Conditions now display correctly as expected.
- **Correlation**
 - Older Correlation Triggers Now Support Trigger Conditions: Fixed an issue where correlation triggers created before this release did not properly respond when a trigger condition was added or updated. These triggers can now be configured with conditions and will function as expected.
- **Records**
 - Record Import: Fixed an issue where multi-select fields without values caused errors during import. User can now successfully import records with empty multi-select fields.
 - Record Export: Fixed an issue where spaces were incorrectly removed when exporting concatenated values (for example, lists of items). Exported CSV files now retain the proper formatting required by the Import.

2.5.7.4.3. Known Issues and Workarounds

Remote Agents:

- **Issue:** In the Turbine 24.3.6 release, a known issue exists when using Podman v5+ as the host for remote agents. Automatic container upgrades may fail due to compatibility issues with Podman v5+.
- **Workaround:**
 - Disable the update script cron job.
 - Manually re-install the agent to restore functionality.
- **Resolution:** A permanent fix for this Podman-related issue is scheduled for Turbine v25.0.

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](#).

2.5.8.2. Addressed Issues

Login:

- **Case-sensitivity for email addresses:** When email address was updated and user tried to login, case-sensitivity was not accounted for. This is now addressed and the user can login with their updated email address without any case-sensitivity issues.
- **Personal Access Token (PAT) visibility:** Now, the PAT is only displayed within the Turbine UI if the specific user viewing has actively set a PAT. Previously, if a logged-in user has a PAT, the UI might have incorrectly indicated the presence of a PAT for other users they were viewing.

Playbooks:

- **More control over HTTP requests:** User-agent headers can be specified when using the "Native HTTP" action.
- **Improved record restrictions:** When trying to restrict records, playbook resulted in a write operation error. Now, playbooks can handle record restrictions more effectively, ensuring only the intended records are processed.
- **Playbook run visibility:** The Playbook Runs page now displays data and filters runs based on the selected timeframe.
- **Import/export enhancements:** Import and export actions in Turbine has been improved for native record actions and classic playbooks when using global export.
- **Multiple triggers work together:** Playbooks with multiple record event triggers for the same event will now publish data correctly.

Application Records and Reporting:

- **Sorting and filtering:** Users can sort the dashboard card without having to refresh it and filter dashboards based on a specified timeframe accurately. Also, records now display data according to your time zone.
- **Report access:** Opening a new report in a separate tab did not open the report unless the report is opened in the existing tab. Now, new reports can be opened in a new tab. Also, the order of reports stays the same when adding new columns. Users can now precisely reorder columns within reports. String filed with quotes are now displayed as expected in the report.
- **Search:** Record search was failing when filter contains embedded brackets. Also, when searching for a reference record using the Keyword search, the search dialog appears to load indefinitely until the window is re-sized. Now, user can search without resizing the window.
- **Nested groups:**
- **Charts:** Creating charts after deleting previous ones is seamless. Data is displayed correctly in Linear Gauge Charts.
- **Drill-in filters:** The issue with data mismatch between the chart and the table when using drill-in filters is fixed by no longer saving the drill-in filters to the report definition.

Platform and Performance:

- **Audit logs are cleaner and more informative:** Sensitive information is removed from audit logs, and user-initiated playbook test runs are now tracked. Additionally, missing information

2.5.8.8.1. Addressed Issues

- **Playbook: Sub Playbook Configuration with Repeat**
- Fixed an issue where properties marked as promoted were not being promoted when a sub-playbook was configured with a repeat. The fix ensures that promotion now works accurately.

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.

2.5.8.12.2. Addressed Issues

- **Audit Log:** There was an issue with the Audit Log API where pagination was not functioning correctly. The issue has been resolved. Pagination now works based on the specified page size, ensuring the correct set of records is returned without data duplication. Additionally, the sensitive information from the audit log records has been removed.
- **Native Record Actions:**
 - There was an issue in the native record actions, where the Workflow was not triggering on record update from playbook. This issue has been resolved and now the record update works as expected.
 - Record actions now return a user-friendly error message when an operation times out.
- **Rich text field Mandate:** Previously, it was not possible to set a rich text field as 'Required' from the workflow action. This issue has now been fixed, allowing users to mandate rich text field entries.
- **SSP Import Timeouts:** Previously, there was an issue with SSP imports where large SSPs would fail due to timeouts, resulting in partial imports. This issue has now been resolved, ensuring that SSPs are imported as expected without timeouts.
- **Playbooks Input Mapping:** Previously, there was an issue where users setting up a playbook button inside an application could select a field to map into the playbook input but were unable to apply or save the changes. This issue has been resolved, and now users can successfully apply input mappings.
- **Custom Label Abilities for Connectors:** Added custom label abilities for connectors on Kubernetes agents, enabling users to add labels on all pods in their environment.

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

3.2. Turbine On-Prem 26.2.x Release

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.

3.4.1.1. Turbine On-Prem 26.0.4 Release

Swimlane announces that Turbine now supports **Bring Your Own Model (BYOM)** architectures. Turbine customers can route all Hero AI features—including Hero AI Native actions in automation, Turbine deep agents, and Hero AI Companion—through their own enterprise AI subscriptions and infrastructure. This enables organizations to use Turbine alongside existing AI stacks, retain full data sovereignty, and satisfy strict regulatory, compliance, and security requirements.

This feature is supported only in the Turbine On-Prem 26.0.4 release.

To support this, Turbine introduces two new ways to connect models:

- **LiteLLM AI Gateway integration**

Turbine now integrates with the **LiteLLM AI Gateway**, an open-source AI gateway that simplifies multi-model management through a unified, OpenAI-compatible interface for more than 100 LLM APIs, including Anthropic, Azure, Bedrock, and Vertex AI. For details on LiteLLM and its architecture, see [LiteLLM](#).

In this release, Turbine uses the AWS Bedrock-compatible converse endpoint to connect to LiteLLM AI Gateway. This integration is currently officially supported and tested with the Anthropic family of models. Turbine will extend official LiteLLM support to additional models available within the Bedrock ecosystem in upcoming releases.

Availability: Available for Turbine on-premises deployments in this release. Turbine Cloud support for LiteLLM AI Gateway is planned for a future release.

- **Direct Amazon AWS Bedrock integration (Bring Your Own Key)**

Turbine also introduces a direct **Bring Your Own Bedrock Key** option. Customers can provide their own AWS Bedrock credentials to route Hero AI features directly through their existing AWS infrastructure.

Availability: Available for Turbine on-premises deployments in this release.

For more information on configuration, see [LLM Proxy Settings](#).

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.

3.5.2. Turbine On-Prem 25.4.1 Release

December 11, 2025

Turbine On-Prem 25.4.1 release includes one fix on top of the 25.4.0 release. Release 25.4 introduced an issue in Rich text editor which is now fixed as part of 25.4.1.

Turbine 25.4.1 delivers major upgrades across the platform, bringing smarter automation, deeper operational insights, and an improved user experience.

This release delivers a major upgrade to Hero AI, now powered by Anthropic's Claude models, offering faster, more accurate, and context-aware responses across the platform. The new AI foundation improves scalability, reliability, and reasoning, providing a smarter and more dependable Hero AI experience while maintaining Swimlane's enterprise-grade security and data privacy standards.

This release also includes several key platform enhancements like condition builders have been enhanced to support new operator contains any for array conditions, enabling more precise filtering of array-type data. The Operational Health experience has been redesigned to unify Runs, Events, and Alerts into a single, streamlined view.

The Send Notification feature has been refined with clearer terminology, co-branded emails, updated footers, and optimized frequency settings for a more consistent notification experience.

There are many usability enhancements such as enhanced report-column management and the ability to open incidents or records in new browser tabs, make navigating and multitasking across Turbine smoother than ever.

Turbine 25.4.1 continues to evolve the platform with a focus on intelligence, visibility, and seamless user experience.

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

3.5.3.4. Turbine On-Prem 25.3.4 Release

October 16, 2025

Turbine 25.3.4 introduces key import enhancements and addresses issues found in earlier releases plus a critical security fix addressing a security vulnerability to enhance platform security.

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) instead of the expected start-based expressions (such as now/M). Presets now correctly resolve to start-based expressions, ensuring accurate filtering.
- **Condition Builder – Date Filters** – Fixed an issue where the Previous and Next operators in date filters sometimes included the current day when calculating units such as days or weeks. This caused results to deviate from the expected full 24/48/72-hour windows. Operators now calculate consistently across all units, ensuring accurate results in the Condition Builder.
- **Cards with Filter** – Fixed an issue where cards displayed a specific timestamp even when a relative date range (for example, Last 1 Hour) was selected. The filter UI and dashboard view correctly displayed the relative range but the card itself did not making it unclear whether a

3.5.5.7. Turbine On-Prem 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.

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.

3.5.7. Turbine On-Prem 24.3.0 Release

The Turbine On-Prem 2024 release 3 drop 2 introduces a host of innovative features and enhancements aimed at optimizing automation efficiency, empowering orchestrators and analysts to seamlessly integrate AI, streamline workflows, and elevate version control capabilities.

Key Feature Highlights

Version Control with Turbine Library: One of the major highlights of this release is the enhanced Version Control capabilities within the Turbine Library. Users can now create versioned content packages and revert to previous versions if necessary, ensuring a seamless and reliable content management experience. Additionally, Turbine Library now offers a premium feature to integrate with external GitHub repositories, allowing for easy push and pull of content between Turbine accounts and GitHub. This enables better collaboration and management of version-controlled content across teams.

Turbine Canvas Enhancements

- **Hero AI Action in Canvas:** Introducing a new, easier-to-use, platform-native Hero AI action, which enables orchestrators to leverage Swimlane's Hero AI for simplified and faster prompt creation within the Canvas playbook-building experience. This action integrates directly with Swimlane's LLM, reducing the need for complex data transformations and Python scripts.
- **Canvas Playbook Button Trigger:** This enhancement introduces the ability to create and configure application button triggers for flows directly within the Canvas. Orchestrators can now easily configure and trigger automation playbooks directly from their Turbine Applications, providing more efficient workflow management.
- **Copy Playbooks:** Orchestrators can now quickly duplicate playbooks and any referenced components in Canvas, significantly enhancing usability and speeding up automation workflow creation.
- **Correlation Field Update:** We have added the ability to configure correlation fields in Turbine applications for Canvas Turbine playbooks. This reduces manual configuration steps, making it easier to integrate Turbine Applications with playbooks for better record correlation.

Turbine Usage Metrics and Reporting

- **Turbine Usage Metrics Dashboard:** The new Usage Metrics Dashboard provides users with real-time metrics such as playbook runs, Hero AI prompts, and other automation events. This dashboard allows customers to monitor and track key usage metrics across their Turbine account, providing insights into overall platform utilization.
- **Color Coding in Reports:** Reports now support color coding of records based on user-defined conditions. This visual aid helps analysts quickly organize and prioritize their case and incident workload, making report analysis more intuitive and effective.

Security Enhancements: We have introduced changes to the SSO login process to avoid user ID enumeration—a security vulnerability that allows attackers to determine if a user is valid on a website or application. This update ensures a more secure login experience for users.

Marketplace URL Update: Updates the marketplace URL for continued access to the latest

2024-09-08

3.5.7.6. Turbine On-Prem 2024 Release 3 Drop 4

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 On-Prem 24.3.2, improving both functionality and user experience.

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

For a detailed list of features, addressed issues, and known issues included in the Turbine On-Prem 2024 release 3 drop 2, see [Turbine On-Prem 2024 Release 3 Drop 2](#).

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.

3.5.8.4.3. Known Issues

- **Classic Playbook – Sensitive Data or Obfuscation**
- There is a minor delay when a user marks an input as sensitive. If the user marks data as sensitive and tests the playbook immediately, the data may not be obfuscated. As a workaround, users should wait 5 seconds after marking data as sensitive to ensure the changes are reflected and the data is obfuscated correctly.

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.

4.1.1. AI SOC for MSSP Release Notes

AI SOC for MSSP is a new **AI SOC** offering for managed security service providers that run AI SOC across multiple customer environments.

Each client tenant keeps full AI SOC workflows—ingestion, triage, investigation, and case handling. A central tenant receives synchronized cases, threat intelligence artifacts, and periodic SOC reporting aggregates so MSSP analysts can oversee every customer in one place.

The offering ships as two packages that work with AI SOC Core in each client tenant. AI SOC MSSP Client Extension runs in the client tenant. AI SOC MSSP Central Solution installs in the central tenant. Case Management records and SOC reporting aggregates sync over the central ingest webhook. Full Threat Intelligence Artifact Cache records sync over the Swimlane API.

Client teams continue day-to-day work in their own tenant. Central visibility complements local Case Management; it does not replace it.

Overall, **AI SOC for MSSP** helps MSSPs scale AI SOC with centralized visibility while keeping customer workflows isolated in each client tenant.

Requires AI SOC Core Solution (26.2.0 or later) in each client tenant.

For more information, see [Getting Started for MSSP](#) and [Configure AI SOC for MSSP](#).

Central Oversight

Review Cases Across Clients

MSSP analysts can review synchronized cases from every client tenant in one central Case Management application.

Each central case includes the client name and a link back to the originating client tenant record. You can filter by customer and open the source case when investigation or response is needed in that tenant.

For more information, see [Work With Central Case Management](#) in [Use AI SOC for MSSP Central](#).

Compare Threat Intelligence Across Clients

The central tenant maintains a Threat Intelligence Artifact Cache of full artifact records synced from client tenants.

Use the cache to compare observables across customers, confirm enrichment state, and request client-side re-enrichment when central data is stale. This comparison assumes threat intelligence vendors are the same across client tenants.

For more information, see [Work With Threat Intelligence Artifact Cache](#) and [Request Client-Side Re-Enrichment](#) in [Use AI SOC for MSSP Central](#).

Report MTTD and MTTR Across Clients

The central SOC reporting workspace provides cross-client aggregates for Cases, MTTD, and

4.4.1. Swimlane Compliance Audit Readiness Release 25.2.0

Compliance Audit Readiness 2025.2.0 introduces support for the SCF 2025.2 framework along with new applications that streamline audit preparation and remediation tracking. These updates give users greater flexibility and visibility in managing compliance activities.

New Features

- **SCF 2025.2 Framework Support**

Full compatibility with the latest SCF 2025.2 release ensures alignment with current compliance requirements.

- **SCF Data Import**

Enables users to upload their own modified version of the SCF spreadsheet, as well as CSV files for side-loading or creating **SCF Findings** and **SCF Remediation Plan** records.

- **SCF Findings**

Provides a structured record of the specific results of an audit.

- **SCF Remediation Plans**

Tracks remediation activities associated with findings, helping teams monitor progress and maintain compliance.

4.4.2. Swimlane Compliance Audit Readiness Release 25.1.0

This first release of our Compliance Audit Readiness (CAR) Solution helps ensure confidence, reduce risk, and streamline audit preparation designed to proactively align your operations with multiple regulatory standards, assist with evidence collection, and provide real-time visibility into compliance posture.

What is New in this Release?

- Compliance Audit Readiness Solution contains the following:
 - **Compliance Controls Inventory:** A centralized compliance management with unified controls catalog sourced from the Secure Controls Framework (SCF).
 - **Audit Evidence Management:** Create, store, and monitor compliance evidence from various sources and link them to controls with audit evidence management application.
 - **Compliance Audit Readiness Dashboards:** Visualize and monitor compliance status across frameworks such as (ISO 27002, GDPR, PCI DSS) through a unified controls view.
 - **Audit Readiness Extensions:** Extend the Swimlane CAR solution to improve the audit process of the regulations you care about. CAR includes pre-configured support for several popular frameworks and can be easily updated to incorporate additional standards and custom controls.

4.5.3.3. Plugin Release Notes

The following table lists the new and updated plugins:

Plugin	Update
SentinelOne	Updated the endpoints to: • Create Tag • Initiate Scan • Update Threat Analyst Verdict • Disconnect Container • Start Collection • Get Remote Script Status • Export Threats • Get Hash • Get Threat Analysis • Add a Threat Note
Censys Attack Surface Management	Created a new plugin with: • Get Risk Events • Get Risk Instances • Get Host Associations

Swimlane Vulnerability 4.5.3.4. Response Management Release 25.0.3

This **Swimlane Vulnerability Response Management Release 25.0.3** release includes multiple workflow refinements, improvements to data integrity, and enhanced metadata visibility. Below is a summary of the key updates:

- Added guardrails around Remediation Item creation: items now require a valid **Asset Remediation Owner** and **Channel**. If either is missing, the item will not be created and an error status will be returned.
- Refined the workflow for Remediation Items:
 - **New:** Tickets not yet worked in the ITSM.
 - **Open:** Tickets currently being worked in the ITSM.
 - **Closed:** Tickets that are closed in the ITSM.
- Asset **Requires Attention** behavior updated to move to **True** based on a broader set of missing field data types.
- Updated icon implementation to use locally defined SVG files instead of Swimlane font

4.7.1.3. New or Updated Plugins

The following table lists the new and updated plugins:

Plugin	Update
Plugin: PingDirectory	Added actions to get and update an entry
Plugin: NFS Shares	Added actions to Mount an NFS share, create and delete a directory, create and delete a file, list all files in a directory and rename and retrieve contents of a file
Plugin: Everbridge	Added actions to launch, get and update an incident and to get and add incident journals.
Plugin: SentinelOne	Updated endpoint versions for all existing actions of the plugin.
Plugin: VMware CarbonBlack	Updated endpoint versions for all existing actions of the plugin.
Plugin: Trellix Enterprise Securty	Added functionality to enable the plugin to encrypt the password in the asset using AES-128.
Plugin: Microsoft Graph API	Changed asset type to point to GovCloud

Plugins updated to support Python 3.12:

Swimlane DNS	Atlassian Jira	ElasticSearch 8
Digital Shadows	Elastic Kibana v8	OpsGenie
Snowflake	Elastic Kibana	Cyberreason
Swimlane Domain Squatting	Maxmind Geolite2	AlienVault OTX

4.7.1.4. Swimlane Content Release 24.3.1

Resolved an issue where the Threat Intell verdict not being assigned to Phishing records.

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

4.7.2.4.2. Addressed Issues

- **SOC Solution:**
 - Support for file type observables in TI VICs and in the application widget
 - Fixed unmapped action inputs in multiple components
 - Fixed rendering HTML with embedded images using a CID URL
 - Add filtering for Record Update Triggers
 - Update MITRE ATT&CK Dashboard Widget to include MITRE data
- **Collaboration Extension:**
 - Fix to handle missing/empty moustache representation in the email template.
- **VICs:**
 - Threat Intell VICs – File handling and mapping fixes:
 - URLHaus
 - VirusTotal
 - Recorded Future
 - MS Graph API – Marking emails as read and mapping fixes.

4.7.2.4.3. New or Updated Connectors and Plug-ins

Connectors

New Connectors:

- Trellix HX Endpoint Security
- OneTrust
- InfoBlox BloxOne DDI
- HALOITSM
- Amazon AWS Secrets Manager
- Cisco ESA
- HubSpot CRM
- ContractPod
- Velociraptor DIFR
- FreshWorks FreshDesk
- Proofpoint TRAP
- FortiAnalyzer

Updated Connectors:

Veritas Connect	Outlook	Okta Connect	Postfix
-----------------	---------	--------------	---------