



Turbine Release Notes

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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 26.4.0 Release
The latest Turbine On-Prem Release	Turbine On-Prem 26.4.1 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 26.2.x Release

2.3.1. Turbine Cloud 26.2.2 Release

July 21, 2026

Turbine Cloud 26.2.2 is a minor release that includes bug fixes and improvements addressing issues identified in the 26.2.0 release.

For details on the new features and enhancements introduced in Turbine Cloud 26.2.0, see [Turbine Cloud 26.2.0 Release Notes](#).

Addressed Issues

Applications and Records

- **Reference Fields Missing from Reports and API Responses:** Resolved an issue where reference field values appeared in full record views but were empty in reports and Record API responses. Reference field values now display correctly and consistently across all three.
- **Duplicate Comments Created by Repeated Submissions:** Fixed an issue where repeatedly clicking Submit while editing a record comment created duplicate comments. Comment updates now process only one submission while the update is in progress.

Playbook Runs

- **Run Again Option Missing for Playbook Runs:** Fixed an issue where the Run Again button was unavailable for completed production runs in the Test Console. The Run Again option is now available for completed production, test, and draft runs.
- **Component Outputs Included Unrelated Upstream Data:** Fixed an issue where a component's published output included merged output from earlier connectors and sub-playbooks. Published component results now contain only the output produced by the component action.

Canvas

- **Discovered Webhook Outputs Disappeared After Saving:** Fixed an issue where outputs discovered from webhook triggers disappeared after you saved, refreshed, or reopened the playbook. Discovered outputs now persist after saving or reopening the playbook.
- **Record Correlation Triggers Could Be Removed During Cleanup:** Fixed an issue where record correlation triggers were removed in certain edge cases when the orchestration task identifier differed from the correlation configuration identifier. Correlation triggers now remain available after cleanup processing.

2.5. Turbine Cloud 26.0.x Release

2.5.1. Turbine Cloud 26.0.0 Release

March 09, 2026

Turbine 26.0.0: Smarter AI and a Better User Experience

Turbine 26.0.0 introduces powerful AI-driven capabilities and key platform improvements to make building, running, and managing automations easier and more reliable.

This release introduces AI SOC, bringing AI assistance directly into security workflows. AI SOC enables teams to start using AI across alert triage, investigation, and response. Hero AI Companion now includes Playbook Building Mode, allowing users to create and update playbooks using natural language. This significantly reduces the time and effort needed to build complex automation playbooks.

The release also includes improvements in the overall user experience and platform scalability. Code editors now support full-screen mode for easier editing of long scripts. Users can view component errors and run details directly from playbook runs for better troubleshooting.

Overall, Turbine 26.0.0 strengthens Swimlane's position as an intelligent automation backbone for enterprises, where automation and AI work together seamlessly to drive efficiency, speed, and better security outcomes.

What's New in this Release

AI-Driven Security Operations (AI SOC)

Turbine 26.0.0 introduces foundational capabilities for AI-driven security operations (AI SOC), combining traditional SOC workflows with AI-powered capabilities to accelerate security operations, reduce false positives, and enhance analyst productivity through intelligent automation.

The AI SOC solution integrates Hero AI capabilities throughout SOC workflows, enabling intelligent alert analysis to determine true/false positives and prioritize threats, automated threat intelligence correlation that synthesizes results from multiple providers, case investigation assistance with AI-powered recommendations and remediation guidance, and knowledge management with context-aware access to procedures and best practices.

These experiences are powered by Hero AI Deep Agents: the Investigation and Response Agent assists analysts in triaging and investigating incoming signals, the Playbook Generator Agent helps create playbooks to automate and streamline investigation and response workflows, and the Ingestion Agent accelerates onboarding by connecting to third-party APIs to ingest alerts and signals. AI SOC Ingestion makes it faster to connect sources and bring alerts and signals into AI SOC, reducing time to value.

2.6.1.4. Turbine Cloud 25.5.1 Release

February 18, 2026

This release improves the reliability of event-driven playbooks, sub-playbook execution, and connector actions, helping automations run more consistently.

Playbook Execution Reliability Improvements

This release contains minor improvements and bug fixes to increase reliability of event driven playbooks. It improves how event-driven playbooks are queued and run so they are less likely to be missed, stuck, or dropped. These improvements also made sub-playbooks and connector actions more reliable so runs don't fail or show the wrong status due to temporary issues. Overall, automations will run more smoothly.

2.6.2. Turbine Cloud 25.4.0 Release

December 01, 2025

Turbine 25.4.0 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 25.4.0 continues to evolve the platform with a focus on intelligence, visibility, and seamless user experience.

2.6.2.1. What's New in this Release

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.

2.6.3.2. Addressed Issues

Canvas

- **Record Actions – Timeout When Serialization Errors Occur:** Fixed an issue where record action jobs could time out if serialization errors occurred during result processing. The system now handles serialization errors gracefully, marking the job as failed without causing timeouts, which improves resiliency and reliability for record actions.
- **Search Record Actions – Input Validation for Limit Field in Native Search:** In previous versions, setting the limit field in the native search record action to an empty string ("") caused it to behave like an "all" filter. Starting with 25.3.1, setting this field to "" now triggers an input validation error.
- **Playbook Buttons – Unintended Execution on Record Save:** Fixed an issue where playbook buttons could trigger unintentionally after saving a record. If a user previously selected a playbook button but canceled the confirmation dialog, the playbook would still execute upon saving the record. This behavior has been corrected to ensure canceled actions do not persist across user interactions, maintaining expected automation behavior.
- **Playbooks – Retry Action Logic Fixed for Failed Executions:** Fixed an issue where actions configured with retry logic were not executing retries as expected when the action failed. Previously, playbooks would fail immediately without attempting the configured number of retries, even when retry conditions were set.

Records and Reports

- **Cross-Tenant Role Permission Cleanup in Scheduled Reports:** Fixed an issue where permissions for a duplicated role were not removed from the original tenant when the role was reassigned to a different tenant. This caused outdated role references to appear in report scheduling. Permissions are now deleted from the original tenant's database during reassignment, ensuring accurate tenant isolation and preventing cross-tenant role visibility.
- **Tooltip Alignment in Report View:** Fixed an issue where tooltips for multiline text fields in the Report view appeared misaligned when the content was long, extending unevenly toward the right. Tooltips are now positioned consistently, improving readability and visual alignment.
- **Condition Builder Filter Type Changing with Color Coding:** Fixed an issue where changing the filter type in the color coding module also changed the filter type in the condition builder. The condition builder's filter type now remains independent and is no longer affected by changes in the color coding module.
- **Performance Improvements for Load Times:** Improved performance when sorting records by timestamp fields, resulting in faster load times.
- **Enhanced Editing Experience:** When values are edited by multiple sources, non-conflicting changes are preserved and users are prompted only when conflicts occur.
- **Content Overlapping in Read-Only Mode:** Fixed an issue where content in a rich-text field set to read-only mode could overlap other components when the content included fixed widths. The component now displays scrollbars in read-only mode to prevent layout overlap and maintain proper alignment with other controls.

2.6.4.2. Addressed Issues

Reports

- Resolved an issue where special characters like \t and \n were incorrectly rendered as actual tabs or line breaks in reports. These characters are now displayed properly, ensuring data appears as expected.
- Resolved an issue where charts failed to display values when record data included Korean text. Chart labels and legends now fully support Korean, Japanese, Arabic, and other character-based languages, ensuring accurate and clear representation across multilingual record data.

Canvas

- Resolved an issue where some playbooks displayed incorrect names and opened the wrong page when accessed from the Orchestration → Events view. With this update, playbook names now appear correctly and open in the expected Canvas editor.
- Resolved an issue where playbooks could not be saved if an action included discovered outputs with nested array data. The issue caused an error during save, especially when outputs had advanced structures. Playbooks with advanced output structures now save correctly without errors.
- Resolved an issue where conditions set in actions inside parallel groups within loops were not visible in the UI. Now, these conditions correctly show up, making it easier to view and update them when configuring playbooks.
- Resolved an issue causing a “System Error” when accessing job details for component runs older than one hour. Details are now displayed without any issue.

Records

- Resolved an issue that prevented record create or update actions from succeeding when the input included small decimal values. These values were incorrectly rejected, even though they worked when submitted through the UI. The system now properly handles small numeric values, including those in scientific notation, during record actions.

SSP Import/Export

- Resolved an issue where attempting to export a package caused a Maximum Call Stack Size Exceeded error. This occurred when components had circular references, such as when Component A referenced Component B, which in turn referenced Component A. The fix now prevents duplicate processing of already-handled components, allowing the export to complete successfully.

Content Library

- Improved how publishing works when multiple users attempt to publish packages at the same time. Previously, a short lock timeout could lead to inaccurate attribution in the “CreatedBy” field. The lock duration is now configurable and set to 10 minutes by default, reducing the risk of conflicting updates and improving data integrity during concurrent publishing.

Classic Playbook Re-run Timeout

- Resolved an issue where re-running a Classic Playbook through the API resulted in a timeout

2.6.5.7. Turbine Cloud 25.1.8 Release

July 08, 2025

This update improves features to resolve the issues found in Turbine Cloud 25.1.0.

Addressed Issues

Canvas

- **Flow name input refresh streamlined**
- Improved the user experience by ensuring flow names are updated only when a user confirms changes (for example, by pressing Tab or clicking off). This eliminates unnecessary updates during typing.
- **Obfuscation and Record Export Action**
- In previous releases, the Obfuscation and Record Export Action features were controlled by a feature flag. Starting with this release, these features will be available by default.

Playbooks

- **Playbook Runs When Connector Is Deleted**

Resolved an issue where playbooks using a deleted connector could get stuck in an "active" state. Previously, instead of properly failing, the playbook would encounter an internal error during the failure process, causing background jobs to error out.

The fix ensures:

- Playbooks fail gracefully when a required connector has been deleted.
- Background jobs no longer throw errors in this scenario.

This improves system reliability and ensures failed playbook runs are correctly timed out.

SSP Import/Export

- Resolved an issue that caused SSP exports to fail when a solution or component ID was missing. The system now displays an error message but allows the export to proceed.

Records

- **Removing Values in List Fields**
- Resolved an issue where removing a single instance of a value from a text or numeric list field in the record UI would incorrectly remove all occurrences of that value upon saving. The issue is now resolved and only the selected instance is removed, and other duplicates remain as expected. This ensures more accurate and predictable updates to list fields when the GlobalRecordPatching feature is enabled.
- **Component creation with grouped actions**
- Resolved an issue that prevented components from being created when triggered through grouped action sets. Grouped actions now work with component generation as expected.

2.6.6.2. Addressed Issues

- **Remote Agents:**
 - Fixed an issue where remote-agent deployments using Podman as a host did not function correctly due to low process and file limits.
 - Fixed an issue where the remote-agent may not recover from a container-engine hangup.
- **Performance Improvements:**
 - Enhancements made to database performance for robust playbook executions.
 - Improved the reliability of connector transfers to remote agents for more stable performance.
 - Fixed an issue where viewing a large revision history caused browser out-of-memory errors.
 - Resolved a memory leak in QoS Serve (Quality of Service), ensuring improved performance and stability.
- **Triggers:** Improved triggers evaluations and enhanced the code to ensure reliable and consistent trigger handling.
- **Large Text Field Handling:** Improved large text handling by ensuring large text fields are passed as proper file objects, enabling seamless use in all playbook actions that process files.
- **Record Actions with UserGroups:** Enhanced the UserGroup field to support all field-level configurations, including accepting members from both groups and subgroups. Resolved issues with native record actions for the UserGroup field, ensuring proper retrieval and handling of "Members of X" and "Subgroups of X" options during user/group field operations.
- **User Groups and Filters:** Resolved an issue where User/Group filters displayed all account users instead of being filtered according to the application's configuration.
- **Content Library:**
 - Resolved an issue with incorrect content counts being displayed. Now content count is displayed correctly.
 - Resolved an issue where Push/Pull buttons were visible when they should not have been.
- **Audit Logs:** Enhanced the logging experience by adding more logs.
- **Usage Metrics Dashboard:** Fixed an issue where the chart was extending beyond the width of the page. Added virtual scrolling to tables for improved performance and user experience.
- **Canvas:**
 - **Transformation Actions:**
 - Resolved an issue where string interpolation was not generated correctly in advanced transformation blocks for Transformation actions.
 - Resolved an issue in the Transform Data action where malformed JSONata expressions or invalid syntax caused schema errors instead of generating properly formatted error messages.
 - **Action Naming:** Resolved an issue where properties with keys starting with numbers or special characters were not handled correctly. Numeric action names are now properly supported and processed.

2.6.7.4. Turbine Cloud 24.3.6 Release

This release introduces enhancements to existing features like Bulk Edit and resolves issues identified in Turbine Cloud 24.3.0, delivering a seamless and better user experience.

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

2.6.7.4.1. What is New in This Release

Bulk Restrict and Lock or Unlock Records:

The Bulk Edit UI has been enhanced with the ability to apply restrictions and perform lock or unlock operations on multiple records at once. Users can now:

- Lock or unlock multiple records simultaneously to streamline work

This feature is behind a feature flag. To enable for your account, contact Swimlane support.

2.6.7.4.2. Addressed Issues

- **Reports:**
 - Resolved an issue where ampersands (&) were not displayed correctly in reports. Ampersands now render properly in all reports.
 - Resolved an issue where exported reports displayed misaligned tables and inconsistent layouts in certain graphs. Graph reports now retain proper alignment and layout after export.
 - Resolved an issue that prevented the rearrangement of columns in application records. Users can now rearrange columns to their desired positions seamlessly.
 - Addressed an issue where records were not loading when a custom color was configured for a multi select and a record does not have a value for that field.
- **Remote Agent:**
 - Addressed an issue where a connector could write excessive data to its output stream, preventing proper error reporting for the action.
 - Fixed an issue where updates to remote agents with specific configurations failed to complete successfully. The remote agent installer now provides warnings when images cannot be pulled, instead of returning an error.
 - The remote agent installer now only warns when images cannot be pulled instead of erroring.
- **Playbooks:**
 - Triggers: Resolved an issue with playbook triggers where inconsistencies between YAML and orchestration tasks occasionally prevented triggers from firing. Playbook triggers now rely solely on YAML for evaluating trigger conditions, ensuring consistent behavior.
 - HTTP Action: Resolved an issue with native HTTP actions that could cause failures when

2.6.7.8. Turbine Cloud 24.3.1 Release

October 23, 2024

Resolved an issue related to the feature flag for the Turbine Library within the platform. This bug affected the visibility and functionality of certain library content. This hotfix ensures the correct behavior of the feature flag, improving stability and usability for users relying on the Turbine Library.

For a detailed list of features, addressed issues, and known issues included in the Turbine Cloud 2024 release 3, see [Turbine Cloud 2024 Release 3](#).

2.6.8. Turbine Cloud 24.2.0 Release

The Turbine 24.2.0 release empowers orchestrators and analysts with a suite of powerful enhancements designed to boost productivity and streamline workflows.

- **Canvas:** Your low code automation Studio: Build playbooks faster and simpler than ever with Turbine Canvas. This intuitive low-code environment lets orchestrators create reusable automation with the ease of drawing a flowchart. Reduces development time by up to 75%.
- **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** are now updated for Canvas and renamed to SOC Solutions Bundle and Collaboration Extension.
- **Deeper Insights, Better Decisions:** The ability to analyze playbook run history to optimize automation strategies and make data-driven decisions.
- **Enhanced Playbook Performance:** Advanced trigger conditions for Webhook and Record Events improve orchestration efficiency and manage automation resources effectively.
- **Elevated Security and Compliance:** The orchestrators can now mark playbook data as sensitive, providing an extra layer of protection for critical information.

2.6.8.1. What is New In This Release

Turbine Canvas is available and here are some of the advanced capabilities that will enable Orchestrator to build playbooks with Canvas:

- Drag and Drop actions from a convenient palette directly onto the visual graph.
- Reusable Components: Build modular components and seamlessly integrate them into multiple playbooks, saving time and effort.
- Marketplace Integration: Discover and install pre-built components and actions directly within Canvas, expanding automation capabilities.
- Expand and Collapse components for a clear overview of components and playbooks.

2.6.8.7. Turbine Cloud 2024 Release 2 Drop 10

August 9, 2024

This update enhances the features to resolve the issues found in Turbine Cloud 2024 Release 2 drop 9.

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

2.6.8.7.1. Addressed Issues

Addressed an issue where we occasionally encountered playbook errors when different versions of a connector were executed on the same agent simultaneously for different tenants.

2.6.8.8. Turbine Cloud 2024 Release 2 Drop 9

August 7, 2024

This update enhances the features to resolve the issues found in Turbine Cloud 2024 Release 2 drop 8.

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

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

2.6.8.8.1. 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.

2.6.8.8.2. 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.

2.6.8.11.1. Addressed Issues

- **Playbooks**
 - Playbook Test Panel: Addressed an issue in the playbook test panel where inputs set to a false value were incorrectly removed from the test data.
 - Native HTTP Action: Addressed an issue with native HTTP actions where user-specified Content-Type header values were being overwritten.
 - Addressed an issue which prevented users from mapping playbook inputs when configuring playbook buttons in the Application Builder UI.
- **Record Trigger Conditions:** Addressed an issue with the record trigger condition where if a user adds a playbook property references inside a string, on the right side of operations in the condition builder was not being evaluated during a playbook run. This update ensures that the condition builder evaluates these references correctly, making all functionality in the UI work as expected.
- **Engine:** Addressed an issue where jobs could be processed out of order due to significant clock skew between nodes.
- **Native Record Action**
 - Improved the functionality of value selection fields in native record actions. Previously, when selecting values dynamically (using expressions or playbook property references), it was required to send the ID of the selection value instead of the value itself. Starting with version 24.2.5, both single and multi-select value selection fields can now accept IDs, values, or a combination of both when using dynamic values.
 - Addressed an issue where the record details drawer would not close when clicking outside the drawer area.
 - Improved the functionality of user/group fields in native record actions. Previously, using dynamic data (expressions or playbook property references) required sending the full object of the user or group. In version 24.2.5, you can now send any mix of usernames, display names, IDs, or email addresses for users, and the group name for groups, for both single and multi-select fields.
- **Turbine Record Actions:** Addressed an issue where while applying restrictions on records were throwing errors. Fix ensures that record restrictions would work as expected in Turbine Record Action

2.6.8.12. Turbine Cloud 2024 Release 4

June 20, 2024

The Turbine 24.2.4 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.

3. Turbine On-Prem Release Notes

3.1. Turbine On-Prem 26.4.x Release

3.1.1. Turbine On-Prem 26.4.1 Release

September 24, 2026

Turbine 26.4.1: More Flexibility, Better Control, Smoother Automation.

Turbine 26.4 includes new capabilities and improvements that make automation easier to manage, integrate, and recover. Webhooks can now return customized confirmation messages, HTML landing pages, or JSON responses for automated integrations, while Hero AI actions can return structured JSON that can be used directly by downstream playbook steps. Administrators also gain greater control over Hero AI usage with monthly soft and hard credit caps and usage notifications to help monitor consumption. In addition, playbook imports provide seamless event processing by allowing playbooks and webhooks to be enabled automatically after import and automatically reprocessing events that were skipped while the package was being imported. Together, these enhancements help teams run automation more predictably, with clearer integration outcomes, greater control over AI usage, and smoother recovery during content changes.

Explore This Release?

Take an interactive tour of the key features in Turbine 26.4 with the guided walk through below:



What's New in Turbine 26.4

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

3.4.1.2. Turbine On-Prem 26.1.3 Release

June 11, 2026

Turbine **26.1.3** includes a fix that restores reliable behavior for applet field keys on applications and playbooks that reference those fields.

Addressed Issues

Applications and Applets

- **Applet Field Keys Reverted to Dotted Notation:** In **26.1.2**, field keys for fields added to an application from an applet changed from dotted notation (for example, `abc.sla_status`) to underscore notation (for example, `abc_sla_status`). **26.1.3** restores the original dotted format for newly added applet fields. Field keys created on **26.1.2** are not changed automatically. If a playbook or **widget** was created or updated using those underscore keys and it worked before the hotfix, it should continue to work after the hotfix.
If a Record Action maps the target application instead of selecting it from the dropdown, and that application still has underscore applet keys from **26.1.2**, the action may fail after the hotfix. To resolve this, remove the applet from the application and add it again so the fields regenerate with dotted keys. Then update any playbook, component, or widget mappings that still reference the old underscore keys.

3.4.1.3. Turbine On-Prem 26.1.2 Release

Turbine 26.1.2 includes new features, enhancements, and bug fixes focused on platform performance and reliability.

What's new in this Release?

Custom LLM for Hero AI

Turbine 26.1.2 introduces Custom LLM, which lets account administrators configure which models power Hero AI instead of using default platform routing alone.

After Custom LLM is enabled for your account, the same models you designate apply across Hero AI experiences, including companion chat, native actions, AI SOC plan generation, and related capabilities. Turbine Cloud and Turbine On-Prem each support the provider options appropriate to your deployment.

For more information, see [Custom LLM](#) in the Turbine user guide.

Submit to Swimlane

26.1.2 introduces Submit to Swimlane, which lets a tenant submit playbooks, components, and AI Agents from Turbine for review and publication in the Swimlane Content Library. Each submission carries the selected artifact and metadata from the source tenant.

3.6.1. Turbine On-Prem 25.5.0 Release

February 05, 2026

Turbine On-prem 25.5.0 is the final release that supports Ubuntu 20.04.

Starting with **Turbine On-prem 26.0.0**, Ubuntu 20.04 is no longer supported for Turbine On-prem deployments.

Turbine 25.5.0 brings smarter AI automation, major upgrades across the platform, and enhanced user experience. This release transforms Hero AI into a true agentic system capable of handling complex, multi-step automation scenarios with reduced manual intervention, while providing better visibility and governance of your AI agent infrastructure.

The platform now offers more reliable data exchange capabilities, reducing migration errors and improving interoperability with external systems. Dashboards and reports now refresh automatically and consistently for better performance.

Turbine 25.5.0 continues to evolve the platform with a focus on AI, operational visibility, and seamless user experience, empowering organizations to build more sophisticated AI agents, streamline data operations, and maintain better control over their automation infrastructure.

3.6.1.1. What's New in this Release

Mark a Component as AI Agent

With Hero AI, User can now explicitly mark Components as **AI agents** within Canvas, making it With Hero AI, users can mark components as AI agents in Canvas to identify, organize, and work with AI-powered automation. Mark any component as an AI agent using the **"Mark as AI Agent"** toggle in the **Hero AI** section of the **Summary** tab. Components marked as AI agents appear in the **AI Agents** list and are available in the **AI Agents** tab when adding actions to playbooks.

A new **AI Agents** tab is available under the **Orchestration** menu to create, update, and view all AI agents. This provides a dedicated space to manage components categorized as AI agents separately from standard components.

For more information, see [AI Agents in Orchestration](#).

Agentic Hero AI Native Action

Hero AI native action now supports agentic tool use. Orchestrators can configure components as tools for Hero AI native actions in their playbooks. Hero AI analyzes prompts and automatically selects and calls configured tools to gather data and perform actions, enabling it to access additional data sources, services, and systems. This tool-use capability enables Hero AI native actions to handle complex, multi-step prompts that require data gathering and analysis across multiple systems. Tool use improves accuracy and reliability by grounding responses in real-time data from configured components.

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

3.6.2.5. Turbine On-Prem 25.4.2 Release

December 12, 2025

Turbine 25.4.2 delivers a critical hotfix that restores published data access functionality that was found in 25.4.1. This release fixes an issue where published results from components and subplaybooks were not accessible as expected, impacting both Canvas and Classic playbooks.

Addressed Issue

Published Data Access Restored

Fixed an issue where published results from components and subplaybooks (Classic) were not accessible as expected. This hotfix restores the correct behavior for accessing published data in playbooks and components.

Impact:

- Components executed inside loops now correctly contain published data in their output
- Classic playbooks with subplaybooks can properly access published outputs from nested playbooks
- JSONata expressions referencing published data from components or subplaybooks now return the expected values

3.6.3. Turbine On-Prem 25.3.1 Release

September 18th, 2025

Turbine 25.3.1 release is functionally same as 25.3.0, with a minor internal update in Turbine 25.3.0 related to remote agents.

Turbine Cloud 25.3.1 delivers AI-driven automation, enhanced performance, and expanded multi-tenant security capabilities for MSSPs and enterprise security teams. Key updates include the Hero AI Companion, dynamic dashboards, enriched notifications, and improved Git and identity integrations, supporting scalable, customizable, and efficient security operations.

Key Highlights

One of the key highlights of this release is the expanded **Hero AI Companion**, which now helps analysts take direct action on cases by executing components and answering complex platform usage questions, accelerating triage and resolution workflows.

The new personalized **Home Page** and **Interactive Dashboards** improve operational visibility and user productivity through role-based content, interactive filtering, and customer-specific views.

This release also introduces a native **Notification Action** with email support, empowering teams to send branded, contextual alerts for faster collaboration and improved incident response.

Additional enhancements include **SSH-based** Git integration, **SCIM support for Azure AD**, and a

3.6.5.2. Addressed Issues

User Management:

- **Link Preservation on Login and Session Timeout**
- Users are now redirected to the page they intended to access after logging in. For example, clicking a shared report link will take the user to that report following authentication.

Logging and Audit:

Enhanced system observability by adding correlation logs and improving audit logs for the Tenant Service. Removed sensitive information like tokens from logs and disabled verbose error logging to improve security and log clarity.

Record and Report Filtering:

The Condition Builder is enhanced, ensuring filters and date/time operations are accurate in records and reports

- Filtering logic now works consistently for Reports and color-coded views.
- Date and time formats are supported for "next" and "previous" operations. The logic for "Next 24 Hours" and "Previous 24 Hours" now accurately accounts for both date/time and date-only fields.
- The "Current" operator is now restricted to current month, day, or quarter and does not accept a value. Expressions such as "Current +2 days" are no longer allowed.
- Filtering and searching now function correctly for text list fields, reference fields, and fields with empty filter values.

Content Library:

- **Content Documentation Visibility in Swimlane Content Tab:** Fixed an issue where content documentation appeared blank when content was accessed via search in the Swimlane Content tab. Users can now retrieve any content through search and view all associated documentation as expected.
- **"Connect" Option for Connectors in Search:** Fixed an issue that prevented the "Connect" option from appearing for connectors accessed via search. Users are now able to search for any connector and use the "Connect" option to install it directly from the search results.

Hero AI Companion:

- **Full Application name in processing status:** Updated Hero AI Companion to display the full application name in its processing status, enhancing transparency regarding which applications are being referenced.
- **Removed the "Visible to Hero AI" setting for Comment fields in Turbine applications.** Comment fields cannot be made visible to Hero AI and are no longer referenced by it.

Canvas:

- **Saving Playbooks:** Resolved an issue that prevented playbooks from being saved when they contained incomplete or invalid flows. Playbooks can now be saved regardless of flow completion.

3.6.6.3. Known Issues

Known Issue 1: Asset Input status might show 'Complete' when it is actually 'Missing'

Description:

After importing the SSP playbook or installing a fresh SOC solution, assets with missing required fields initially display an input status of "missing," as expected. However, toggling the configuration manager feature flag off and back on unexpectedly changes the input status to "completed." Additionally, in rare cases where an asset had missing properties before version 25.0.0, such assets are still categorized as "complete."

3.6.6.4. Turbine On-Prem 25.0.8 Release

Addressed Issue:

- **SSP Import:** Resolved a limitation where import requests were restricted to a maximum of 1,024 form values. Imports exceeding this limit would previously fail. The maximum has now been increased to 4,096, allowing successful import of larger SSP files.

3.6.6.5. Turbine On-Prem 25.0.7 Release

This release includes enhancements to existing features and addresses several issues identified in Turbine On-Prem 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.

3.6.7.4.1. What is New in This Release

Bulk Restrict and Lock or Unlock Records:

The Bulk Edit UI has been enhanced with the ability to apply restrictions and perform lock or unlock operations on multiple records at once. Users can now:

- Lock or unlock multiple records simultaneously to streamline work

Note: This feature is behind a feature flag. To enable for your account, contact Swimlane support.

3.6.7.4.2. Addressed Issues

• **Reports:**

- Resolved an issue where ampersands (&) were not displayed correctly in reports. Ampersands now render properly in all reports.
- Resolved an issue where exported reports displayed misaligned tables and inconsistent layouts in certain graphs. Graph reports now retain proper alignment and layout after export.
- Resolved an issue that prevented the rearrangement of columns in application records. Users can now rearrange columns to their desired positions seamlessly.
- Addressed an issue where records were not loading when a custom color was configured for a multi select and a record does not have a value for that field.

• **Remote Agent:**

- Addressed an issue where a connector could write excessive data to its output stream, preventing proper error reporting for the action.
- Fixed an issue where updates to remote agents with specific configurations failed to complete successfully. The remote agent installer now provides warnings when images cannot be pulled, instead of returning an error.
- The remote agent installer now only warns when images cannot be pulled instead of erroring.

• **Playbooks:**

- Triggers: Resolved an issue with playbook triggers where inconsistencies between YAML and orchestration tasks occasionally prevented triggers from firing. Playbook triggers now rely solely on YAML for evaluating trigger conditions, ensuring consistent behavior.
- HTTP Action: Resolved an issue with native HTTP actions that could cause failures when accessing certain domains.
- Playbook Buttons: Fixed an issue that prevented non-orchestrators from being able to trigger playbook buttons with attachment input mappings.
- Record Patching: Resolved an issue with duplicate coedit notifications and unnecessary coedit events during record updates and for unsaved records, optimizing system performance.

• **HeroAI Action:**

- Enhanced the HeroAI action by updating the HeroAI schema to support standard outputs

3.6.8.2. 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

3.6.8.6.1. 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.

We now officially support SCIM integration for Okta and plan to expand to other IDP providers in the future.

3.6.8.6.2. 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.
 - Improved the functionality of value selection fields in native record actions. Previously, when selecting values dynamically (using expressions or playbook property references), it was required to send the ID of the selection value instead of the value itself. Starting with version 24.2.5, both single and multi-select value selection fields can now accept IDs, values, or a combination of both when using dynamic values.
 - Addressed an issue where the record details drawer would not close when clicking outside the drawer area.
 - Improved the functionality of user/group fields in native record actions. Previously, using dynamic data (expressions or playbook property references) required sending the full object of the user or group. In version 24.2.5, you can now send any mix of usernames, display names, IDs, or email addresses for users, and the group name for groups, for both single and multi-select fields.
- **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

4.2.1. AI Agents Case Management Extension Release 1.0.0

AI Agents Case Management Extension introduces Hero AI-powered analysis capabilities to the SOC Solutions Bundle, providing automated threat analysis, verdict classification, and actionable recommendations to accelerate SOC analyst workflows.

Features

The extension includes three specialized Hero AI agents:

Investigation Agent

- Provides immediate visual verdict, severity, and actionable recommended actions (Containment, Eradication, Recovery) for every security case
- Visual severity rating and verdict (Malicious, Suspicious, or Benign) for quick prioritization
- NIST-aligned action recommendations and validation checks
- AI confidence score (0-100) with data correlation from Knowledge Base, historical learning, and current case details
- Automated case title generation and affected entities visualization

Verdict and Threat Intelligence Analysis Agent

- Delivers investigation case summary and final threat classification with quantifiable AI confidence score (0-100)
- Correlates data from knowledge articles, historical outcomes, and analyst notes/verdicts
- Integrates threat intelligence from multiple sources (VirusTotal, Recorded Future, Mandiant, AbuseIPDB, URLHaus, and other third-party feeds)
- User-defined weighting for providers, observable types, and threat formula weights

MITRE ATT&CK & D3FEND Agent

- Maps and enriches associated TTPs (Tactics, Techniques, and Procedures) to enhance threat context
- Automatically maps MITRE ATT&CK TTPs (T-Codes) using pre-existing data from security alerts
- Contextual enrichment using intelligence from other security cases, threat feeds, and knowledge base articles
- Automatically includes MITRE D3FEND recommendations in output and security reports

Installation

Install the extension from the Swimlane Content Library: Navigate to **Library > Swimlane Content**, select **AI Agents Case Management Extension**, and click **Install**.

Prerequisites: Install the SOC Solution in Swimlane Turbine before installing the extension.

For detailed installation and configuration instructions, see the [Swimlane AI Agents Case](#)

Swimlane Vulnerability

4.5.1.2. Response Management Release 25.2.3

Swimlane Vulnerability Response Management Release 25.2.3 delivers key enhancements and fixes to Swimlane Vulnerability Response Management, improving stability, performance, and user experience across reporting, exception handling, and intelligence features:

Fixes

- Fixed and enhanced the **VRM – Reporting** playbook, which was previously corrupted and non-functional.
- Corrected a typo on 'null' in **VRM – Map – Vulnerability Asset Component → Convert Inputs Action**.
- Fixed mappings in exception detection around asset zone in **VRM – Manage – Vulnerability Exceptions** component.
- Fixed mappings in exception detection around asset zone in **VRM – Map – Vulnerability Asset** component.

Enhancements

- Added ability to **create and upload CSV files** for ITSM ingestion instead of only text descriptions.
- Changed behavior of the **Reprocess Finding** button in the Vulnerability Finding application to also recalculate status.
- Added a new **Swimlane Intelligence widget** that loads reference and exploit data dynamically.
- Added a **link to the NVD (NIST.gov)** in the Findings application Meta widget.
- Edited the **Vulnerability Finding Meta widget** to hide empty rows.
- Changed Swimlane Intelligence supplemental data (references, exploits, MITRE ATT&CK techniques, CPEs, and so on.) to load on demand.
- Optimized record queries in the **Vulnerability Management Overview Dashboard** and **VRM playbooks**.

4.5.2. Swimlane Vulnerability Response Management Release 25.1.0

Swimlane Vulnerability Response Management Release 25.1.0 introduces enhanced logic to eliminate redundant processing of previously ingested vulnerability findings. During each import, VRM compares incoming findings against the most recently enriched results. Only new or modified entries are submitted for enrichment.

Key Highlights:

4.6.1. Collaboration Extension Release 25.2.1

Collaboration Extension 25.2.1 introduces updates to improve configuration flexibility and template handling.

Fixes

- Updated the template selection widget to display an empty drop-down when no templates are available, ensuring a clearer user experience.

Enhancements

- Recreated the **Collaboration – Google Settings** asset to include the new **delegate_account** field, expanding configuration options.

4.7. Prior Releases

4.7.1. Swimlane Content Release 2024.3.0

The Swimlane Content 24.3.0 release enhances the **SOC Solution Bundle** security operations by introducing improved automation workflows, consistent naming conventions, and greater customization capabilities. These changes enable organizations to efficiently handle alert ingestion, phishing email triage, enrichment workflows, and incident response while simplifying deployment and scalability.

Key Highlights

- **Renamed Playbooks:**
 - Ingest – Alert Ingestion has been renamed and split into:
 - SOC – Alert Ingestion (Webhook) – Template
 - SOC – Alert Ingestion (Cron) – Template
 - PT – Bulk Ingest Phishing Emails has been renamed to SOC – Bulk Ingest Phishing Emails – Template for consistent naming under the SOC Solution Bundle.
- **Enhanced Customization:**
 - Template playbooks allow for the duplication and customization of automation flows with vendor-specific integration components for seamless compatibility with your organization's tools.
 - Flexible configuration options allow for custom fields and tailored workflows.

4.7.2.3. Swimlane Content Release 2024.2.1

This is a bug-fix release addressing some issues with the Detection Engineering solution, Collaboration extension, and SOC Solutions bundle.

For a detailed list of features in Swimlane Content 2024 release 2, See [Swimlane Content 2024 Release 2](#).

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

4.7.2.3.1. Whats New in Swimlane Content Release 2024.2.2

Detection Engineering Solution: Added icons for the status banners.

4.7.2.3.2. Addressed Issues

- **SOC Solutions Bundle**
 - Fixed issue with handling non-RFC822-compliant emails
- **Collaboration Extension**
 - Fixed error where the post-interaction email was not being sent
- **Gmail Ingest Phishing Email Component**
 - Fixed issue with getting errors processing emails without attachments
 - Removed testing email

4.7.2.4. Swimlane Content 2024.2.1

The Swimlane Content empowers the SOC analysts with new capability:

- **Detection Engineering Extension:** The Detection Engineering Extension is a new SOC-adjacent solution designed to help you effectively identify and iterate detections, ensuring continuous improvement and optimal performance of a SOC's detection capabilities. This release introduces key advancements and new features aimed at enhancing the accuracy, efficiency, and effectiveness of your detections.

For a detailed list of features in Swimlane Content 2024 release 2, See [Swimlane Content 2024.2.0](#).

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

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

4.7.2.4.1. What is New in This Release

Detection Engineering Extension:

7. Turbine Platform Installer Release Notes

The Turbine Platform Installer (TPI) is Swimlane's install technology for installing Turbine. The release notes for the installer are hosted on FreshDesk.

To review the Turbine on-premises Platform Installer release notes (23.X), see: [**Turbine Platform Installer 23.X Release Notes**](#)

To review the Turbine 11.x Platform Installer release notes, see: [**Turbine Platform Installer 11.x Release Notes.**](#)