



Turbine Release Notes

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1. About These Release Notes

Swimlane Turbine has two types of release notes: Turbine product release notes and Turbine Platform Installer release notes. Here's what you can expect in each deliverable.

Turbine Product Release Notes

Turbine is offered on-premises, and as a cloud offering. The release notes contain information about new features, enhancements, bug fixes that originated from customers, and known issues. Where possible, we will provide screenshots and/or links to documentation for clarity.

Here is a link to the [Turbine Cloud 26.1.0 Release](#).

Here is a link to the [Turbine On-Prem 26.1.0 Release](#).

Here is a link to the [Turbine 11.X Release Notes](#).

Turbine Platform Installer Release Notes

[These notes](#) are specific to the installer and are provided for our internal and external customers who want to stay up-to-date with the technical improvements with the installer. Installer release notes are behind a customer login.

2. Turbine Cloud Release Notes

2.1. Turbine Cloud 26.1.0 Release

2.2.3. Known Issues

Known Issue 1: JumpCloud User Re-Add Missing Group Association

When a user is removed from a group and then re-added to the same group in JumpCloud IdP, the user is re-created in Turbine but the group association is not restored.

Known Issue 2: JumpCloud User Reactivation Missing Group Associations

When a user is suspended and later reactivated in JumpCloud IdP, the user's group associations are not reflected in Turbine.

Known Issue 3: Component Save Button Enabled with No Changes

After creating a component, the Save button may appear enabled even when no actions are added to the canvas. This can make the component appear modified even though no changes were made. Functionality is not blocked, and saving without changes does not alter the component.

Known Issue 4: Record Actions Lose Application Linking After Import

When importing playbooks or components, record actions (create/update/upsert/search) can lose their application linking, requiring users to reconfigure the record actions after the import.

Workaround: Include and publish the referenced application along with the playbook or component when exporting/importing. This preserves the application links in record actions.

2.2.4. Turbine Cloud 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.

2.2.5. Turbine Cloud 26.0.2 Release

2.4.1. 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.
- **Enhanced context window:** Hero AI now supports up to a 200K token context window and up to 8k output token window, enabling it to process long documents, correlated events, and extended context. This improvement increases accuracy and continuity in complex queries.
- **Improved reliability and scalability:** With AWS Bedrock's managed, enterprise-grade infrastructure, Hero AI now benefits from increased uptime, built-in scalability, and enhanced security and compliance.
- **Data privacy and protection:** Customer data remains fully protected. No customer data is used to train the model, maintaining Swimlane's enterprise-grade security standards.
- **Clearer Native Action configuration:** The **MaxTokens** field in the Hero AI Native Action configuration was renamed to **MaxOutputTokens** to more accurately reflect its true meaning. The current maximum allowed value is 8,192 output tokens.
- **Multi-Model Fallback mechanism:** Hero AI is designed with a tiered approach of primary, secondary and tertiary Claude models. Hero AI may fall back to use a different model to gracefully handle certain model-specific errors or circumstances such as hitting a rate limit, temporary connectivity issues or temporary high load.

Per-Tenant Configuration Support for Hero AI

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

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

2.5.4. Turbine Cloud 25.3.6 Release

November 18, 2025

This release includes a minor performance enhancement and resolves a bug introduced in the previous version.

Performance Improvement

This release includes a performance optimization that reduces system load and improves response times when checking user account status. The platform now uses smarter caching and more efficient data retrieval to deliver faster, more consistent performance across tenants.

Update to Multi-Select and List Item Handling

This release restores the original behavior for how multi-select and list items are handled during data updates and imports.

In versions starting with 25.3.3, updates were introduced to improve CSV import behavior. However, these changes unintentionally affected Upsert Actions, causing comma-separated values and objects to be split into multiple list entries instead of being added as a single item.

With version 25.3.6, this behavior has been reverted to ensure consistency and prevent unintended data splits:

- Entire objects are once again added as a single list item.
- Comma-separated values are now treated as one entry, not split into multiple items.

Restoring the original behavior keeps CSV Import and Upsert Actions consistent with how they worked before version 25.3.3. The team is actively working on reintroducing enhanced split functionality for CSV import only, without impacting Upsert behavior. Until that improvement is ready, the previous behavior remains in place.

2.5.5. Turbine Cloud 25.3.5 Release

2.6.4. Turbine Cloud 25.2.1 Release

July 28, 2025

Turbine Cloud version 25.2.1 includes:

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

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

2.7. 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.

2.7.9. Turbine Cloud 25.1.6 Release

June 27, 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 Issue

Applications:

Role-Based Permissions Removed Without Refresh: Resolved an issue where role-based permissions were cleared when an application was saved multiple times without refreshing the application page. The issue has been fixed, and permissions now persist correctly across multiple saves without requiring a page refresh.

Known Issue

Role Permissions Revert when Application is Saved Without Refresh

Issue:

Updating role permissions for an application is not retained if the application is open in another tab and saved without a refresh. When changes like adding or removing a field are saved in the application tab, the role permissions reset to their previous state. This leads to unintended permission escalation despite prior updates in the Roles tab.

Workaround:

Refresh the application tab after making any changes to ensure role based changes are preserved.

2.7.10. 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.

2.8.4. Turbine Cloud 25.0.8 Release

April 23, 2025

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.

2.8.5. 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**

2.9.1.4.1. 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.

2.9.1.4.2. 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

2.9.2. 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.

2.9.2.1. 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.

2.9.2.7.1. 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.

2.9.2.8. 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](#).

2.9.2.8.1. 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.

2.9.2.8.2. 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**

2.9.2.12. 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.

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

2.9.2.12.1. 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.

2.9.2.12.2. 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:**

3.1. Turbine On-Prem 26.1.0 Release

May 18, 2026

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

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

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

3.1.1. What's New in this Release

Redesigned: Role-Based Access Control (RBAC)

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

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

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

A key change in this release is Explicit Orchestrator Access, where orchestrators no longer receive default system access. Instead, all access must now be explicitly granted through

3.2.5. 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.

3.2.6. Turbine On-Prem 26.0.2 Release

April 08, 2026

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

Addressed Issues

Dashboards and Reports

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

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

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

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

- **Downloaded Dashboard and Report Links Redirect to Invalid Pages:** Fixed an issue where navigation links included in downloaded dashboards and reports redirected users

3.4.2. 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

was unsuccessful. The "Go to My Own Org" button now correctly displays the tenant name.

3.6. Turbine On–Prem 25.2.1 Release

July 31, 2025

Turbine On–Prem version 25.2.1 includes:

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

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

3.7. Turbine On–Prem 25.1.2 Release

June 5, 2025

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

Key Highlights

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

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

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

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

3.8. Turbine On-Prem 25.0.4 Release

Feb 27, 2025

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

Key Feature Highlights

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

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

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

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

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

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

3.9.1.1. What is New in This Release

New Features

Version Control with Git Integration

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

Key Features:

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

For more information on version control, see:

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

New Native Action: Hero AI with LLM Integration

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

Key Features:

3.9.1.6.1. 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.

3.9.1.6.2. Addressed Issues

- **SSO Login:**
 - Fixed an issue where, when a reverse proxy was configured in the Identity Provider, users were still being redirected to the Swimlane URL during SSO login. This has been resolved, and users can now log in correctly when a reverse proxy is set up.
- **Groups:**
 - All groups are now added to the user/groups field in the application, allowing users to search for groups without needing to update settings. Users can still choose to restrict groups, but by default, access is provided to all groups.
 - Resolved an issue where assigning one group to another occasionally failed.
- **Usage Metrics Dashboard:**

3.9.2.5. 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](#).

3.9.2.5.1. 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.

3.9.2.5.2. 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.

3.9.2.6. Turbine On-Prem 2024 Release 2 Drop 5

The Turbine On-Prem 24.2.5 release empowers administrators to streamline on-boarding

4.1.2. SOC Solution Release 25.2.0

SOC Solution 25.2.0 delivers fixes and improvements that enhance playbook usability, streamline case handling, and strengthen solution reliability.

Fixes

- Corrected misspelling in the **Hero AI Case Summarization and Recommended Actions** playbook flow.
- Removed the **ChatGPT connector**.
- Updated the record search to no longer use the **Turbine Record Actions connector**.
- Removed an invalid field from the reference YAML for case creation.
- Corrected the **Claim Case** button to assign the case to the current user.

Enhancements

- Merged main solution playbooks into a single unified playbook for better navigation and readability.
- Incorporated the use of **Event Emitters** into the solution.

Swimlane Business 4.2. Continuity Management Solution

4.4.2. 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:

- **VRM – Filtering Activity Application**

This application logs detailed metrics for every ingestion batch, including the number of findings identified as new, excluded, or deduplicated. It also captures runtime diagnostics to assist with tuning and troubleshooting.

Metrics include:

- number_unseen_findings
- deduplication_count
- excluded_findings_count
- Script_Internal_Runtime, Memory_Used_Bytes, and more

- **VRM – Export Results Application**

This application stores snapshots of previously ingested findings. During ingestion, the system references the latest export to identify and filter duplicates. The most recent export is marked Latest, while older ones are labeled Stale for historical reference.

Details include:

- Export file reference
- Row count
- Export generation time

Benefits:

• Reduced duplicate findings

4.6. Prior Releases

4.6.1. 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.
- **Improved Workflow Automation:**
 - Advanced enrichment capabilities with Threat Intelligence (TI) data.

4.6.2.3.1. Whats New in Swimlane Content Release 2024.2.2

Detection Engineering Solution: Added icons for the status banners.

4.6.2.3.2. 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

4.6.2.4. 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](#).