

MINOR RELEASE

SASVA Canvas 3.1.1

Billing, 8-factor ROI, team collaboration, image generation, and PENTEST-001.

Internal product & engineering documentation • Persistent Systems

PRODUCT VERSION

3.1.1

SOFTWARE RELEASED

9 March 2026

DOCUMENT PUBLISHED

9 March 2026

SURFACES

Web

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1 About this document

This document is the release note for **SASVA Canvas 3.1.1**. It describes what this release delivered — each capability in enough detail that a reader who was not in the room can brief a customer, an operator, or an auditor. It lists this release and earlier releases only.

How to read this note. Each item below is a capability or a defect closed in 3.1.1. The first sentences say what changed; the next say why it matters and what you will see after upgrade.

2 Document control

Document title	SASVA Canvas 3.1.1 Release Notes
Document version	1.0 — published with Canvas 3.1.1
Product version	3.1.1
Software released on	9 March 2026
Document published on	9 March 2026
Classification	Internal — Persistent Systems

Document revision history

Version	Date	Description of change
1.0	9 March 2026	Initial publication of the Canvas 3.1.1 release notes, aligned with the product release date.

3 Product release history

This table lists this release and earlier Canvas releases. The highlighted row is this document.

Version	Date	Type	Headline
3.1.1	9 Mar 2026	Current Minor	Billing, 8-factor ROI, team collaboration, image generation, and PENTEST-001
3.1.0	8 Feb 2026	Minor	Multi-agent RAG, Business and Product workspaces, enterprise security, and mobile

4 In this release

3.1.1 is the commercial and analysis pack. In one release Canvas gained subscriptions, a deterministic ROI engine, shared artifacts with review, image generation, and an admin view of how the platform is actually used. It is also the release that closed PENTEST-001 — privilege escalation through response tampering.

The version number is aligned to 3.1.1.

5 What's new

Billing and subscriptions

Canvas can take payment. Stripe and Braintree are both supported. Plans are tiered and features can be gated by plan, so a Viewer on a trial does not see every operation a paid Analyst does. Super Admins configure gateways, plans, and subscriptions, and can send email reports from the billing dashboard.

When payment processing is disabled, billing pages hide. A deployment that is not selling Canvas does not show a subscribe button.

Image generation and diagrams

Chat can generate images through the SASVA image endpoint and architecture diagrams through Mermaid. Generated images embed in reports. A planning conversation can leave the user with a picture of the system, not only a paragraph about it. If image generation is not configured, the control is simply not offered.

Team collaboration on artifacts

An AI response or a report can be shared as an artifact. Collaborators comment inline, versions are tracked, and a role-based approval workflow decides when the artifact is accepted. This is the review loop that was missing when a PM generated a plan and mailed a PDF.

Deterministic 8-factor ROI engine

ROI analysis is no longer a free-form model essay. An 8-factor engine scores the case and produces IRR, NPV, TCO, industry benchmarks, what-if scenarios, and predicted-versus-actual tracking. The numbers are reproducible for the same inputs.

The engine can pull feature-specific semantic retrieval and session-only CRM or ticket connectors. Those extra sources feed the analysis and do not become permanent workspace documents. A one-off Salesforce export used for a business case does not linger in RAG after the meeting.

Admin platform metrics

Super Admins and Tenant Admins get a dashboard of users, workspaces, conversations, database, and LLM token usage. That is the difference between “the platform is busy” and “this tenant spent this many tokens on these workspaces this week.”

ctx-code on the Settings page

The path, model, and working directory for verification agents (ctx-code and related tools) are configured in Settings instead of an environment file only an operator can see. An admin who rotates a model does it in the product.

Inline URL analysis

Paste a URL into chat and Canvas fetches it, extracts Open Graph and JSON-LD, and uses that structured metadata as context. A news link or an analyst page becomes a source, not a string the model pretends to have opened.

User management in single-tenant mode

In a single-tenant deployment, Admin users can manage users. That work no longer requires a Super Admin on a one-organization install.

6 Improvements

Reports in about ninety seconds

Report generation ran two to three minutes and sometimes truncated. 3.1.1 parallelizes the LLM calls and lands a report in about ninety seconds. Export options sit in one action-bar dropdown instead of a row of competing buttons. The thinking UI is de-duplicated and rewritten in non-technical language, so a PM is not reading “chunk_id rerank score” while they wait.

7 Security & trust

PENTEST-001 and HTTP-only cookies

PENTEST-001 was privilege escalation by tampering with an API response in Burp Suite. The UI believed the tampered role. 3.1.1 closes that finding. Authentication cookies are HTTP-only. Sensitive fields in API responses are masked. A proxy that rewrites a JSON role no longer becomes an admin session.

8 What to expect after upgrade

Billing pages appear only when a gateway is configured. ROI analysis on an existing workspace uses the 8-factor engine — brief users that the output is a scored model, not a narrative they can edit as prose and still call “the engine.” Image generation needs a SASVA image endpoint in Settings before the control shows.

PREVIOUS RELEASE

3.1.0

SASVA Canvas · 3.1.1 Release Notes 1.0

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