# Aloy

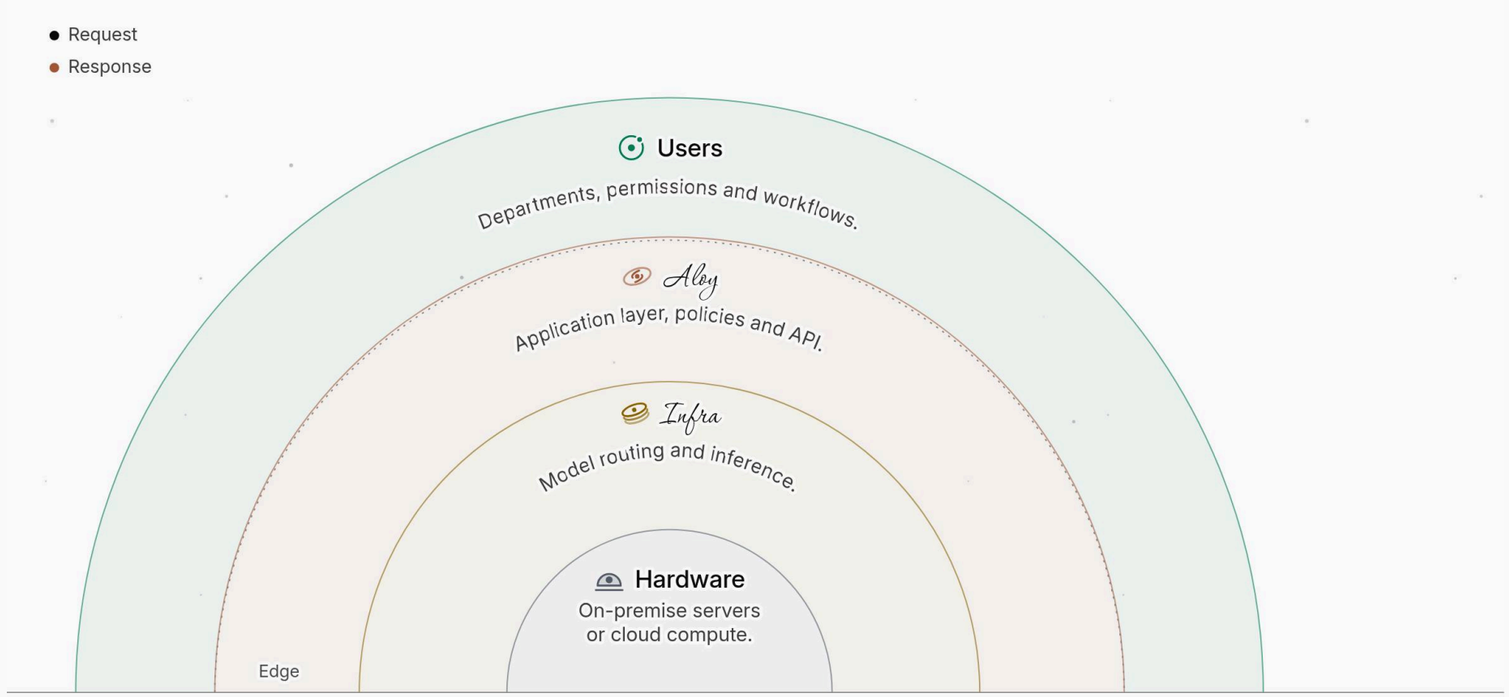
Aloy is an enterprise AI platform built for organization-wide deployment. It connects your identity provider, access policies, internal systems and model infrastructure in one controlled environment.

This overview follows the page at rhenium.tech/products/aloy/, as of November 20, 2026.

## The Aloy stack

Aloy is organized into four layers: users and workflows at the top, the Aloy application layer and access controls beneath them, Infra for model inference, and the underlying compute hardware.

Requests pass down through policy and permission checks to the models and return with audited results. Each layer can be deployed and scaled independently.



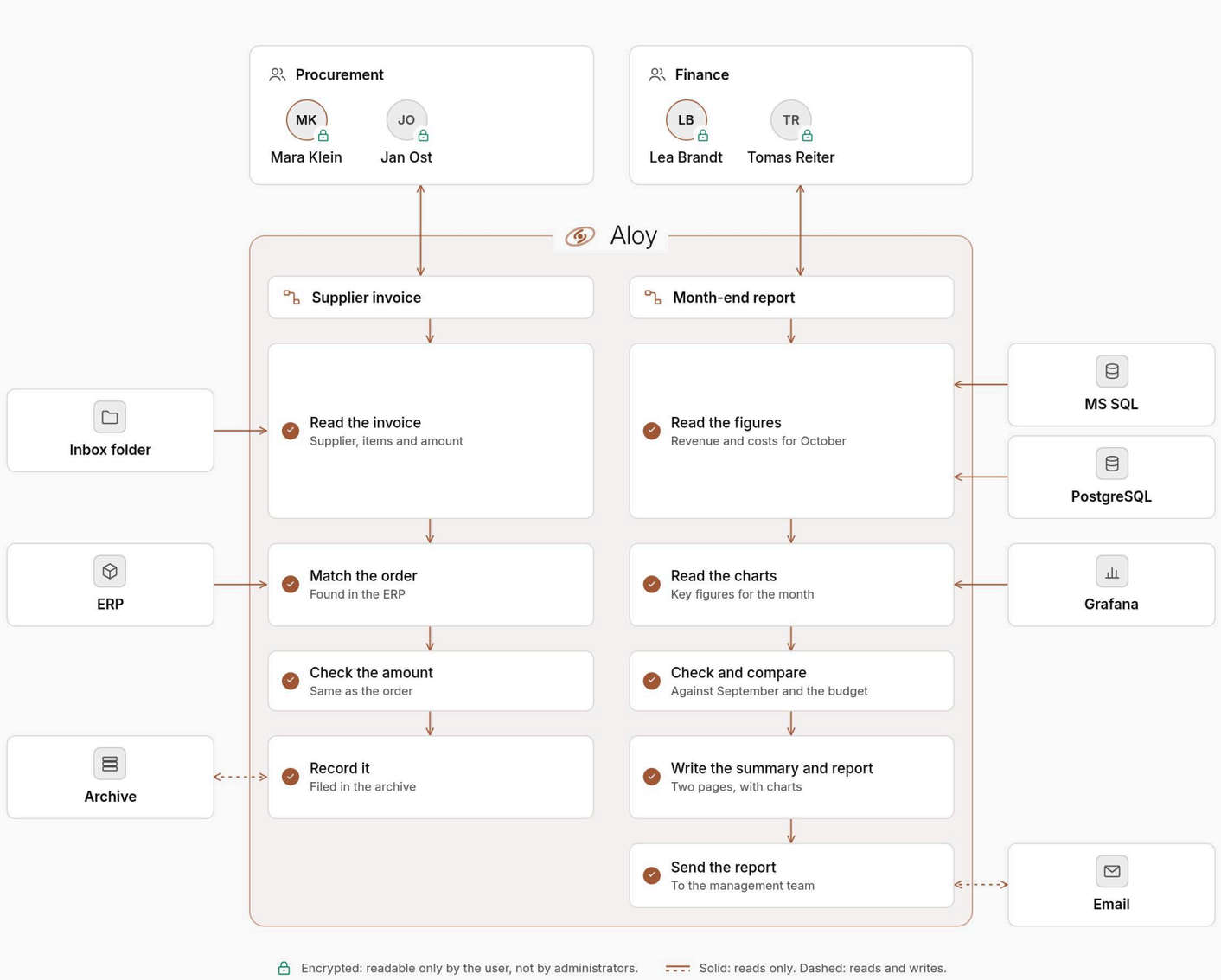
# Users, access and connectors

Organizations consist of distinct departments, each with its own workflows and operational boundaries. Aloy assigns each department an isolated segment, keeping its users and workflows separate by default. When a department requires stricter isolation, it can run a dedicated Aloy stack independently.

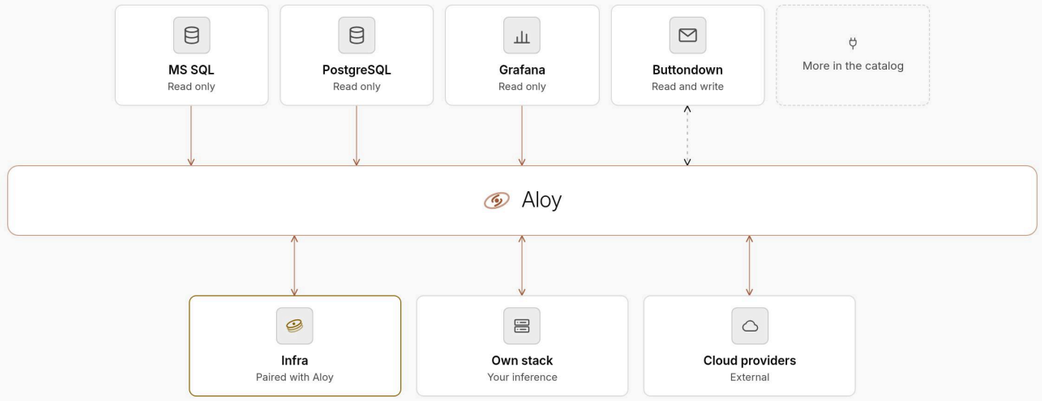
Users authenticate via SSO, SAML, LDAP or an Aloy account. Administrators govern users, tools and permissions through policies, including restricting a tool to a single department. Everything a user writes and stores is protected by zero-knowledge encryption. Only the user can read their own content: administrators manage accounts and enforce access policies, but they cannot read or decrypt user data.

Models run where your architecture requires: on Infra, on your own stack or in an external cloud. With Infra and the appropriate policy in place, Aloy operates fully offline, with a local server answering every request without an external network connection. Across all deployment options, Aloy is engineered to minimize server processing time.

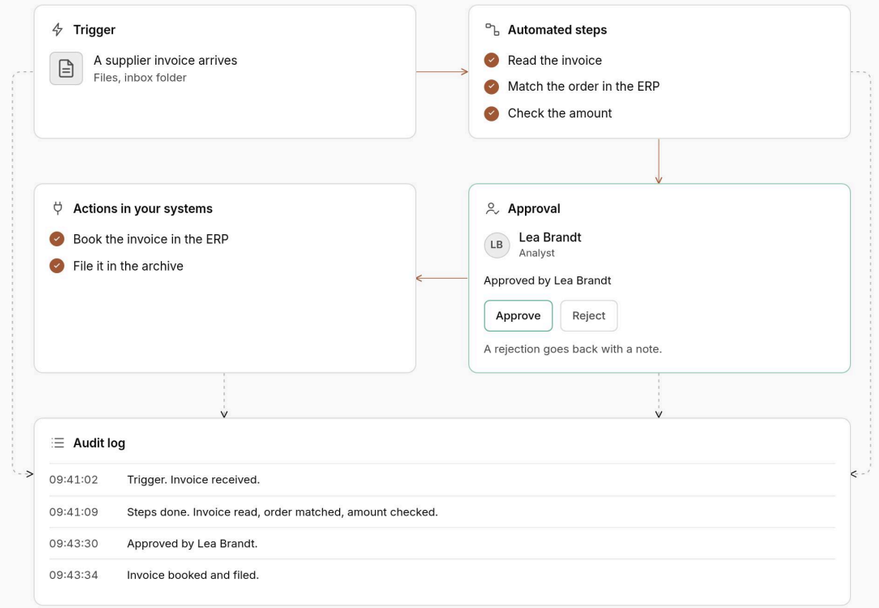
Department isolation and access



## Connectors and model execution




## Approval-gated workflows




Aloy integrates with the procedures and systems you already operate. Rhenium handles deployment and builds reliable AI pipelines for your internal workflows. System integrators can also embed Aloy into solutions they deliver to their own clients, scaling from focused team deployments to large multi-department environments.

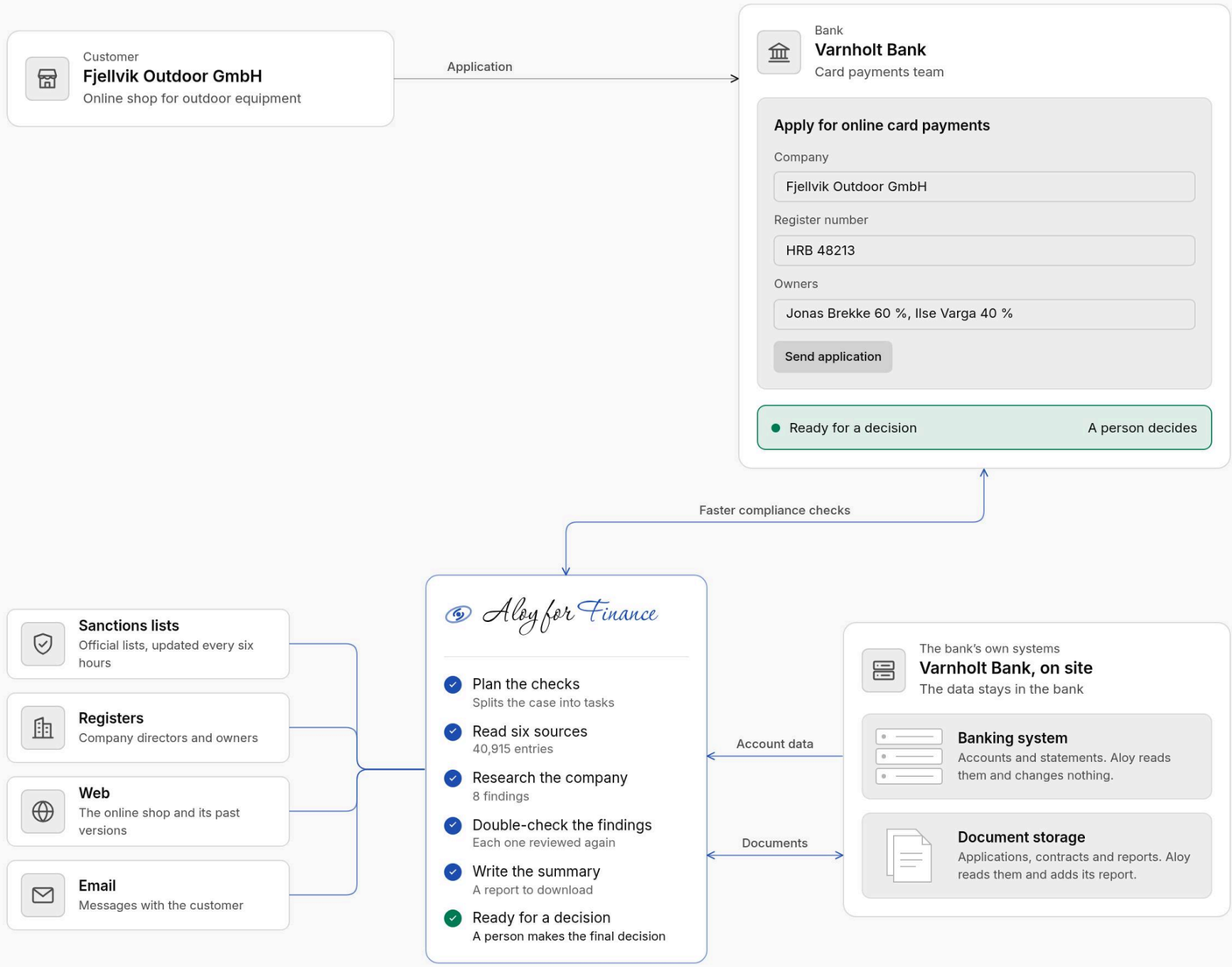
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# Aloy for Finance

Aloy for Finance connects fragmented financial records across invoices, databases, emails and documents. It cross-checks overdue receivables, cost variances and ledger discrepancies, producing downloadable charts, tables and reports.

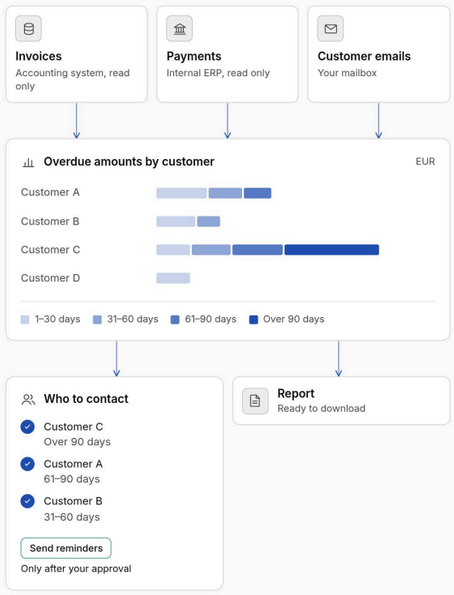
Example scenario (illustrative): an online merchant, Fjellvik Outdoor GmbH, applies to Varnholt Bank for card-payment acquiring. Before onboarding, the compliance team must verify the company, beneficial owners and payment flows.

Varnholt Bank routes the case to Aloy with read-only access to internal banking systems and submitted documents. Aloy compiles a structured case file with findings and flags; the final approval decision stays with the compliance team.

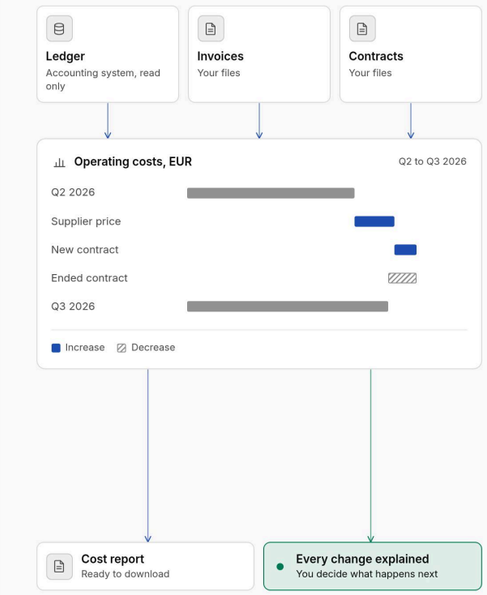


Four additional finance workflows using the same read-and-verify model (illustrative examples):

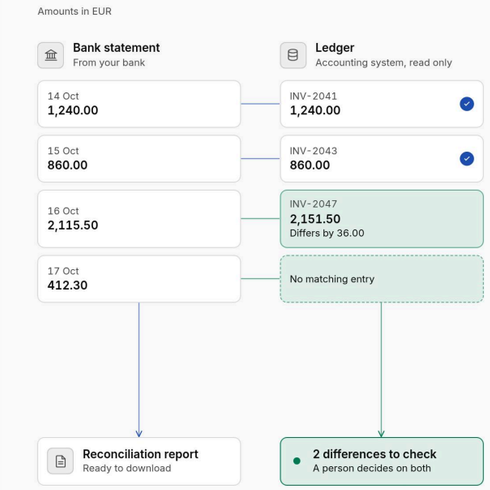
## Overdue payments



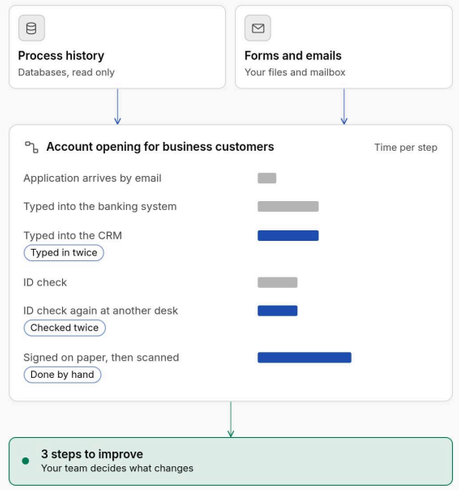

## Cost changes explained




## Bank statement and ledger




## Where your processes lose time




| Capability | What Aloy for Finance does |
|---|---|
| **Unified source view** | Reads invoices, databases, emails and supporting documents together instead of across disconnected tools. |
| **Decision-ready compliance files** | Compiles company records, ownership structures and payment-flow checks into a single reviewable case. |
| **Receivables tracking** | Groups overdue balances by customer and aging bucket, prioritizes outreach and drafts reports. No reminder is sent without human approval. |

| Capability | What Aloy for Finance does |
|---|---|
| **Cost variance analysis** | Traces cost changes to underlying causes such as supplier pricing or contract terms, linked directly to source invoices and contracts. |
| **Reconciliation** | Matches bank statement lines against ledger entries and routes missing or mismatched items to an analyst. |
| **Workflow redundancy checks** | Identifies duplicate data entry, repeated checks and manual handoffs so finance teams can decide what to streamline. |
| **Auditable outputs** | Generates downloadable charts, tables and reports while keeping every financial decision with a person. |

## Talk to us

Every project starts with a conversation. Tell us what you are working on and where it gets stuck, and we will write back by email.

Email info@rhenium.tech

Web rhenium.tech/products/aloy/