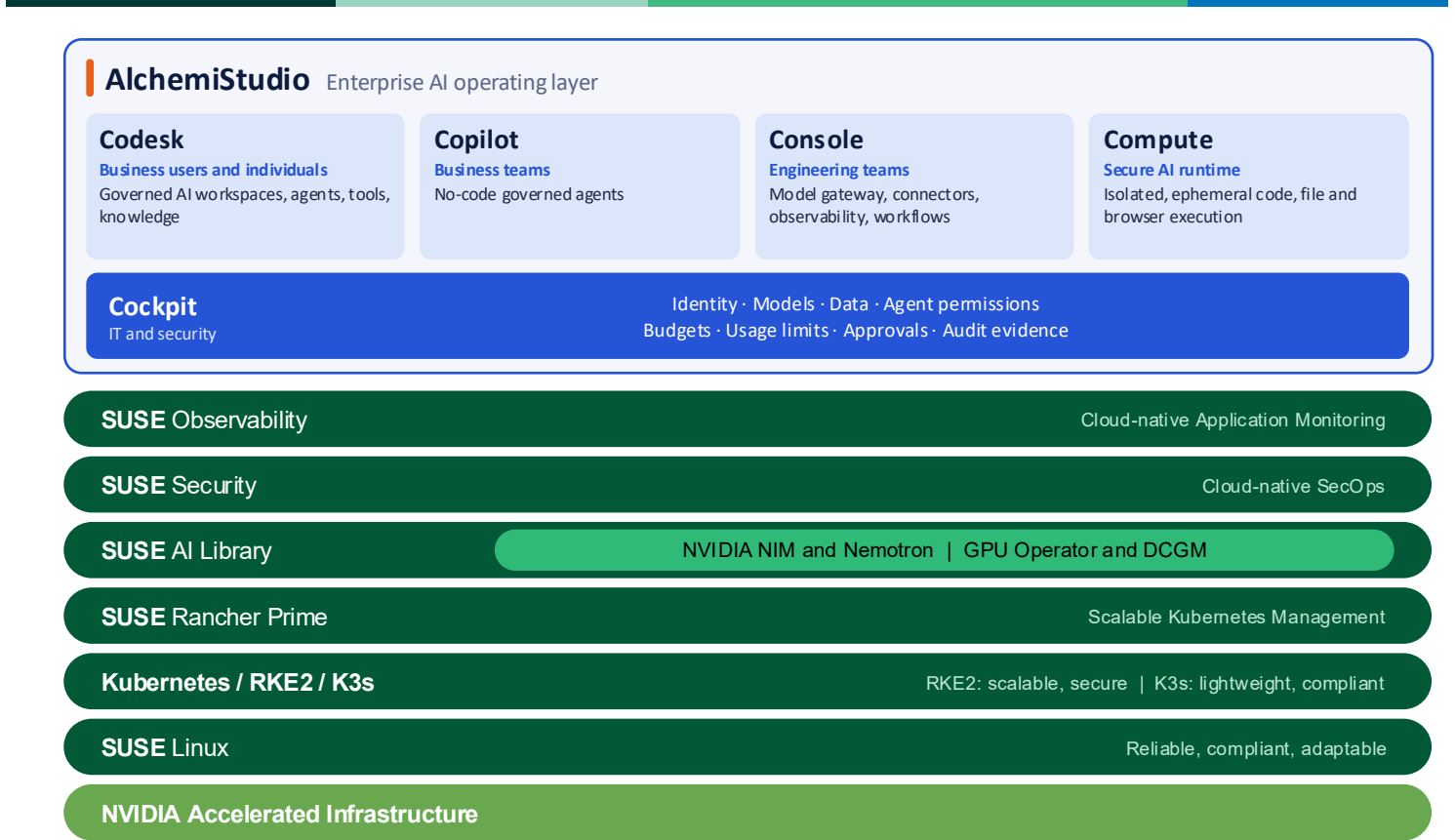


SUSE AI Factory with NVIDIA and AlchemiStudio

Governed enterprise AI across on-premises, hybrid, and regulated environments

Enterprise AI needs more than models and infrastructure. SUSE AI Factory with NVIDIA and AlchemiStudio combine secure Kubernetes operations with governed AI workspaces, engineering tools, and agent execution, giving enterprises control over who uses AI, what it can access and do, and how consumption is managed and attributed.



End-to-End AI Governance

Control who can use AI, which models and data they can access, and what agents may do. Apply scoped permissions, spending controls, usage limits, content guardrails, and configured approval steps. Attribute consumption and retain evidence for IT, finance, and risk teams.

Governed Digital Workforce

Give business users approved agents that can understand information, create deliverables, work across enterprise systems, execute approved actions, and turn repeatable work into reusable agents, workflows, and apps.

Integrated AI Engineering Platform

Give engineering teams one platform for model access, routing, virtual keys, agents, MCP and OpenAPI tools, workflows, sandboxed execution, prompts, evaluations, traces, logs, and cost attribution.

SUSE AI Factory with NVIDIA and AlchemiStudio

Use Cases

USE CASE 1 | Governed Enterprise AI Platform

Build, govern, and operate AI across teams and environments

Who It's For

Platform, engineering, and IT teams establishing a shared AI foundation across business units, data centers, private cloud, public cloud, edge, or regulated environments.

How It Works

SUSE AI Factory provides the secure Kubernetes, lifecycle, security, and observability foundation. AlchemiStudio adds shared AI services, engineering tools, secure execution, and centralized governance.

Challenge

- AI spend is fragmented across providers, applications, and teams, making ownership and allocation difficult
- Every team is building separate gateways, agents, integrations, and governance controls
- Models, credentials, data, and costs must remain isolated between teams
- Experiments are difficult to move into governed production

Capabilities

Use scoped keys, budgets, and rate limits to control consumption; attribute usage and cost to the responsible teams and applications.

- Multi-provider model gateway, routing, virtual keys, and limits
- Agents, MCP/OpenAPI tools, workflows, prompts, evaluations, and traces
- Team-specific models, policies, budgets, and permissions
- Rancher-managed deployment across environments

Outcomes: Move from experiment to production on one shared AI platform, with team-level control over data, spending controls, cost visibility, access policies, and audit evidence.

USE CASE 2 | Governed Digital Workforce

Give employees AI that can reason, create, coordinate, and act

Who It's For

Business and operations teams ready to move beyond chat and search toward AI-assisted execution of complete business tasks.

How It Works

AlchemiStudio gives employees governed agents that can understand information, create deliverables, work across approved systems, execute permitted actions, and involve people in consequential decisions.

Challenge

- Employees use fragmented assistants with inconsistent controls
- Employees still move work manually across systems
- Copilots answer questions but rarely complete processes
- Autonomous actions introduce permission, risk, approval, and audit concerns

Capabilities

Agents operate with approved models, scoped tools, configured usage limits, and human approval steps for sensitive actions.

- Research, analyze, and extract information
- Create reports, proposals, and other deliverables
- Work across approved enterprise systems
- Run scheduled and multi-step workflows
- Escalate sensitive actions for human approval
- Turn repeatable work into reusable automation

Outcomes: Employees delegate complete tasks instead of merely asking AI questions, while identity, data access, agent permissions, budgets, guardrails, approvals, and evidence remain governed.

SUSE AI Factory with NVIDIA and AlchemiStudio



SUSE AI Factory with NVIDIA

Pre-Validated, Use-Case Aligned Blueprints

- Tightly packaged open-source AI components and 3rd-party ISV software into blueprints tailored for specific workloads (GenAI Inference, RAG, Computer Vision, MLOps)
- Initially aligned with proven SUSE domains (Edge, Telco, SAP) providing turnkey solutions as commercial beachheads

Scalable Deployments Anywhere

- Seamlessly provision AI workloads across any supported environment: tactical edge, core data center, public cloud
- Manage both decentralized, air-gapped footprints and large enterprise fleets through single pane of glass

Unified Governance & Observability

- Single common portal surfacing all critical telemetry
- Fine-grained, real-time visibility into GPU utilization, LLM token throughput, cost modeling, traffic patterns



Enterprise AI Platform

Access and Action Governance

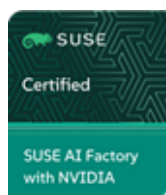
- Identity, RBAC, and scoped keys
- Approved models, routing policies, budgets, and rate limits
- Content guardrails and agent/tool/data approvals and permissions
- Traceable agent actions and audit evidence

AI Cost Governance

- Configured budgets and usage limits for scoped keys
- Request, token, and concurrency controls
- Usage and cost attribution across supported identities and workloads
- Central visibility into consumption across model providers

Sovereignty and Strategic Control

- Commercial, hyperscaler, and privately hosted models
- Private model endpoints and Kubernetes execution
- Enterprise-controlled identity, keys, policies, and retention
- Portable agents and workflows across infrastructure environments



SUSE AI Factory
Learn more
about NVIDIA
solution [Explore](#)
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AlchemiStudio
Certified for SUSE AI Factory
with NVIDIA
[link](#)



Scan to learn
more about
AlchemiStudio

SUSE is the leading sovereign open infrastructure company where hybrid AI runs. Backed by 30 years of community collaboration, we transform open source innovation into secure, enterprise-grade solutions for mission-critical environments. Built on choice and neutrality, SUSE is the only platform that manages any Linux and Kubernetes distribution. Through our open infrastructure platform and partner ecosystem, IT leaders gain control over their data, budgets, and sovereign AI strategies. Our solutions deploy across hybrid environments, from developer workstations and on-premises data centers to multi-cloud and the farthest edge, and are optimized and certified for SAP. With SUSE, choice happens.

AlchemiStudio provides the enterprise AI operating layer on SUSE AI Factory, combining a governed digital workforce for business users, an integrated AI engineering platform for developers, secure agent execution, and end-to-end IT governance. It enables employees and agents to reason, create, coordinate, and perform approved actions, while IT controls identity, models, data, cost, permissions, guardrails, approvals, and audit evidence across commercial, hyperscaler, and privately hosted AI.