

MCP SERVER

NO CODE

CLOUD HOSTED

Kissflow MCP

Manage processes, approvals, and case data by talking to it.

Kissflow MCP lets you manage complex, multi-step business processes and case tracking using natural conversation. Instead of digging through dashboards or filing tickets, your AI client talks to Kissflow directly. You can track approvals, create new requests, monitor workflow progress, and query specific data points—all without needing heavy IT intervention or deep knowledge of process forms.

A+ Quality Score 100/100

workflow-automation

process-management

low-code

case-management

approval-workflows

business-process



The infrastructure that powers AI agents in the real world.



Vinkius connects AI to the world's software through secure, enterprise-grade infrastructure — enabling real-world execution at scale, built on the Model Context Protocol (MCP).

Your AI Connections Run Through Vinkius Cloud

The world's largest
managed MCP catalog

Vinkius is the cloud infrastructure where AI agents connect to the software your business already runs. We handle the hosting, the security, the credentials, the uptime — you get agents that actually do things.

We operate the world's largest managed MCP catalog. Major SaaS platforms, CRMs, databases, and cloud providers — running, monitored, production-ready. This MCP server is hosted and maintained by the Vinkius Cloud for AI Agents.

The agent doesn't manage credentials, doesn't manage uptime, doesn't manage security. Vinkius does.

— Architecture principle

Four Pillars of the Vinkius Runtime

01 — Security by design

Credentials stay encrypted at rest via AES-256. The AI agent never touches raw keys — they're injected into a sandboxed V8 isolate at runtime. Actions are logged, and connections have an emergency kill switch.

03 — Deterministic observability

Eight immutable metrics per endpoint: request volume, p95 latency, error rate, active connections, cost attribution. A live payload feed logs every tool call with mutation detection.

02 — Built on MCP Fusion

This MCP server was built with **MCP Fusion**, the open-source framework (Apache 2.0) that powers the entire Vinkius catalog. Schema-as-firewall strips undeclared fields, compiled PII redaction runs at zero overhead, and cryptographic lockfiles produce git-diffable audit trails.

04 — Autonomous operations

Servers are deployed, monitored, and patched autonomously. New capabilities and security patches ship weekly. Zero-downtime deployments ensure continuous availability across all managed MCP servers.

AES-256

Encryption at rest

Ed25519

PKI vault signatures

24h TTL

Ephemeral session keys

V8 Isolate

Sandboxed execution

One Token. Instant Access.

Every MCP server on Vinkius is accessed through a **Connection Token**. Tokens are generated in the cloud dashboard and produce a unique MCP endpoint URL. Paste this URL into any MCP-compatible client — no SDK required.

A single token can serve **multiple AI clients simultaneously**, or you can issue separate tokens per client for granular access control. Each token tracks its own request count, last activity timestamp, and can be individually enabled or revoked.

MCP ENDPOINT

`https://edge.vinkius.com/{token}/mcp`

Claude



Cursor



VS Code



Windsurf



Grok



Gemini

Security Is the Architecture

Security in Vinkius is not a feature — it's the foundation of the runtime. The gateway enforces multiple independent protection layers between AI agents and third-party APIs.

01 — Ed25519 PKI Vault

Every workspace has an Ed25519 Master Key. Session keys are generated ephemerally (24h TTL) and signed by the Master Key. Credentials never leave the vault boundary.

02 — V8 Isolate Sandboxing

Tool code runs inside isolated-vm V8 isolates with 64 MB memory caps and per-request timeouts. No filesystem access, no network access except through the SSRF-guarded fetch bridge.

03 — SSRF Guard

All outbound HTTP requests are DNS-resolved and validated before execution. Private IP ranges (10.x, 172.16-31.x, 192.168.x, AWS metadata 169.254.x) are blocked at the network layer.

05 — Cryptographic Audit Trail

Every request is signed into a SHA-256 hash chain with Ed25519 signatures. Events form a tamper-proof, SIEM-exportable forensic record.

04 — DLP & PII Redaction

A ResponseGuard pipeline intercepts every tool response. Configurable redaction patterns strip sensitive fields (emails, SSNs, card numbers) before data reaches the AI agent.

06 — Honeypot Trap System

Phantom credentials are injected into isolated environments. If a honeypot is used outside Vinkius infrastructure, the server is quarantined instantly.

Emergency Kill Switch

EU AI Act Art. 14(1)
Compliant

The kill switch is an **emergency halt** mechanism — not a simple toggle. When triggered, it executes three actions atomically:

01 — Server deactivated

The MCP server is immediately taken offline across the entire cluster.

02 — All tokens revoked

Every connection token is invalidated. Total lockout — reconnection blocked until new tokens are issued.

03 — WebSocket connections killed

Active connections terminated via Redis pubsub broadcast. Propagates to every runtime node in the cluster.

Full Visibility. Zero Guesswork.

The Vinkius cloud dashboard includes a full MCP Governance suite — real-time analytics and security controls for production AI operations.

Control Plane

KPI dashboard with request volume, latency, success rate, token consumption, and AI-generated operational briefings.

FinOps

Cost tracking per tool, payload compression savings, budget optimization signals, and consumption trends.

Firewall & DLP

PII redaction activity, sensitive data protection counters, and security event timeline.

Agent Activity

Which AI clients are connecting, how often, and what they're doing — real-time session tracking.

Tool Health

Slowest and most error-prone tools, with actionable root-cause insights and performance baselines.

Incident Log

Error trends, failure rates, status-code breakdowns, and forensic audit trail access.

Get started at cloud.vinkius.com — connect your AI agent in under 60 seconds.

Kissflow MCP

9 tools available

Cloud-hosted on Vinkius

Kissflow lets you treat internal business logic like a conversation with an expert coworker. Whether you're an operations manager tracking department spending, or a developer checking user permissions, you talk to the system using plain English and it executes the workflow. You ask about pending approvals for a specific budget request, and the agent tells you who needs to sign off and why it's stuck. Need to know what data was collected on last quarter's training records? Just ask. This MCP connects your AI client directly to Kissflow's entire suite of process apps. By connecting through Vinkius, you get access to this full catalog right where you work, letting you manage everything from user accounts to multi-stage case management without ever leaving your chat window.

Core Capabilities

01 — Track and Manage Processes

You can list all active workflows and track the status of individual requests within those processes.

03 — Monitor Approvals

You get a real-time status report on pending approvals, identifying bottlenecks or overdue sign-offs.

02 — Review Form Data

The agent retrieves and organizes submitted data from various forms, letting you see who filled out what information.

04 — Query Master Data

You can query reference tables and central datasets to verify specific pieces of business information (like user IDs).

One Click on Vinkius — From Prompt to Execution

Available at vinkius.com/mcp/kissflow — connect your AI agent in three steps.

- 01 First, subscribe to this MCP on Vinkius.
- 02 Next, input your Kissflow Access Key ID, Secret Access Key, Subdomain, and Account ID credentials.
- 03 Finally, start talking to the system using any MCP-compatible client, like Cursor or Claude.

The bottom line is you tell your AI agent what you need done in English, and it handles the necessary calls to Kissflow's process data behind the scenes.

Built For

This MCP is essential for operations teams and middle managers who spend too much time manually tracking down 'who owns this request?' or digging through Jira dashboards. It's for anyone whose job involves following, approving, or managing structured corporate processes.

Operations Manager

Uses the MCP to monitor workflow progress across departments and identify where requests are getting stuck in the approval cycle.

IT Systems Administrator

Manages user accounts, checks group permissions, and queries master data records without logging into the main administration portal.

Department Head/Manager

Tracks spending requests or leave applications, getting immediate status updates on pending sign-offs across multiple processes.

What Changes When You Connect

- 01 Stop manually checking dashboards. You can ask your agent for the status of a specific request using tools like `list_process_items` and get an instant, accurate report.

-
- 02 Need to know who has permission to do what? Instead of hunting through admin menus, use `list_groups` to quickly verify user roles and access controls in conversation.

 - 03 Forget copy-pasting data from forms. The agent can now pull structured information using `list_dataform_items`, letting you analyze collected data instantly.

 - 04 Keep track of departmental spending or HR paperwork. By querying all workflows with `list_processes` and monitoring approvals, you cut down on process bottlenecks immediately.

 - 05 Verify user details without logging in. Use `get_user_details` to pull specific employee information whenever you need it for a report or new request.
-

Real-World Applications

Tracking the status of an expense claim

A manager needs to know if Sarah's expense report is approved. Instead of emailing Finance, they ask their agent to check processes and pending approvals. The agent replies with a detailed status: 'It's currently awaiting CFO review.' This uses `list_process_items`.

Auditing a data collection form

An operations team wants to review all submissions from last month's training survey. They ask the agent to list and inspect the dataform items, getting an exportable view of all responses using `list_dataform_items`.

Onboarding a new team member

The IT admin needs to confirm the new hire's access level. They ask the agent to list all users, find the ID, and then check group details. This uses `list_users` followed by checking specific groups.

Understanding workflow options

A process owner needs a full inventory of every type of business logic available. They ask the agent to list processes and datasets, quickly getting an overview of what workflows exist using `list_processes` and `list_datasets`.

Patterns to Avoid

Trying to find user info

✗ AVOID

Opening the main Kissflow UI, navigating through three tabs (Users > Groups > Search), manually entering an email address into a search bar.

✓ INSTEAD

Just tell your agent: 'Get details for Jane Doe.' The agent uses ``get_user_details`` and hands you the info directly in the chat.

Checking workflow status

✗ AVOID

Logging into the dedicated process dashboard, filtering by date range, clicking on 15 different request IDs one by one to check who approved it.

✓ INSTEAD

Ask your agent: 'Show me all pending approvals for Purchase Requests.' The agent uses ``list_processes`` and summarizes the status instantly.

Reviewing submitted forms

✗ AVOID

Getting a spreadsheet dump of form submissions, then having to manually filter out incomplete or duplicate entries.

✓ INSTEAD

Ask your agent: 'List all dataform items for the Leave Approval.' The agent handles the querying and presenting of clean, usable data.

The Right Fit

Use this MCP if managing complex business processes, approvals, or regulated workflows is central to your daily job. You need an AI layer that can interpret natural language requests into specific actions like checking user permissions (`list_groups`) or pulling structured records from forms (`list_dataform_items`). Don't use it if you are just trying to build a simple chat bot or send basic notifications; those tasks require dedicated messaging tools. If your goal is purely data visualization on live charts, you might be better served by a BI tool connector instead of this process-focused MCP.

The daily grind of tracking down approvals and status updates

Right now, finding out who is responsible for a stalled request involves clicking through multiple dashboards. You have to check the main process screen, then manually look up user details in another system, copy an ID, and finally paste it into a third tracking sheet just to get one status update.

With this MCP, you skip all that friction. Your AI agent handles the clicks behind the scenes. You simply ask, 'Where is the Q2 budget approval?' and you instantly get the full process history, who signed off last, and when it's due.

Kissflow MCP: Process data management in natural language

The manual steps of listing users, checking their group memberships, and then cross-referencing that with a specific workflow request are gone. You tell the agent to `list_users` and filter by department, and it gives you the resulting list in one response.

Your job changes from being a data navigator to being an executive decision maker. The process intelligence is built into your chat interface.

Kissflow Workflow Management with 9 Tools

These tools let your AI client read user details, list available processes, check form submissions, and manage core business records within Kissflow.

#	TOOL	DESCRIPTION
01	<code>get_user_details</code>	Retrieves detailed profile information for a specific user in the system.
02	<code>list_dataform_items</code>	Exports or reviews all collected data entries from a specific form.
03	<code>list_dataforms</code>	Lists all available forms used for collecting general organizational data.
04	<code>list_dataset_items</code>	Queries and lists individual records from central master data tables.
05	<code>list_datasets</code>	Lists all the core datasets used for managing reference or master information.
06	<code>list_groups</code>	Retrieves a list of user groups, useful for checking access control definitions.
07	<code>list_process_items</code>	Provides a status update or details on an individual item request within a workflow process.
08	<code>list_processes</code>	Lists all the major, multi-step business workflows that run in the system.
09	<code>list_users</code>	Provides a comprehensive list of every user ID and email address registered in Kissflow.

See It in Action

Real prompts you can use once this MCP is connected to your AI agent through Vinkius Cloud.

U Show all processes and pending approvals across workflows.



Processes: 8. Purchase Request (45 active), Leave Approval (12), Expense Report (23), IT Request (8), Onboarding (3), Travel Request (6), Budget Approval (2), Vendor Registration (4). Pending approvals: 14 total. Critical: 'Server Purchase — \$25K' (Budget, awaiting CFO, 3 days). 'Q2 Marketing Budget — \$50K' (Budget, VP pending).

U Create a new purchase request and list recent expense reports.



Purchase request created! 'New Developer Laptops (5x MacBook Pro)' — Amount: \$12,500. Department: Engineering. Justification: Team expansion. Status: Pending Manager Approval. Recent expense reports: 12 this month. Total: \$8,400. Pending reimbursement: \$3,200. Top: 'Client Dinner' (\$450), 'Conference Travel' (\$1,800).

U Show the form fields for Leave Approval and all active leave requests.



Leave Approval fields: 6. Employee Name (auto, required), Leave Type (dropdown: Vacation, Sick, Personal, Bereavement), Start Date (date), End Date (date), Reason (textarea), Backup Person (dropdown). Active requests: 12. Vacation: 7, Sick: 3, Personal: 2. Pending approval: 4. Approved: 6. Rejected: 2.

Frequently Asked Questions

01 Can I use Kissflow MCP to track all open requests?

Yes, you can list processes and monitor specific items with `'list_process_items'`. The agent gives you a consolidated view of every request across multiple workflows.

02 How do I check if a user has the right permissions using Kissflow MCP?

You use the `list_groups` tool. This allows your AI client to read and report on the defined access control groups within Kissflow for verification.

03 Does Kissflow MCP help with form data exports?

Absolutely. You can use `list_dataform_items` to review or export all collected data from a specific form in one go, saving you manual aggregation time.

04 What if I need details on a user account using Kissflow MCP?

The agent can pull the full profile information for any specific employee by invoking `get_user_details`, giving you everything from their ID to their department.

05 Can I list all available workflows with Kissflow MCP?







Yes, you use `list_processes` to get a comprehensive overview of every major business process defined in your organization's workflow system.

Go Live in 60 Seconds

Get your connection token from cloud.vinkius.com, then paste the endpoint URL into any MCP-compatible client.

YOUR MCP ENDPOINT

```
https://edge.vinkius.com/[TOKEN]/mcp
```

CLIENT	WHERE TO CONFIGURE
 Claude AI	Profile → Customize → Connectors → "+" → Add custom connector → Paste endpoint
 Cursor	Settings → Features → MCP Servers → "+ Add New MCP Server" → Type: SSE → Paste endpoint
 VS Code	Ctrl/Cmd+Shift+P → "MCP: Add Server" → add <code>"kissflow": { "url": "..." }</code>
 Windsurf	MCP Settings → <code>mcp_settings.json</code> → Add endpoint URL
 ChatGPT	Settings → Tools & plugins → Add MCP server → Paste endpoint
 Gemini	Extensions → Add MCP Server → Paste endpoint URL

ASK AN AI ABOUT THIS

Let your preferred AI explain this MCP server

-  **Ask ChatGPT** 
-  **Ask Claude** 
-  **Ask Perplexity** 
-  **Ask Gemini** 
-  **Ask Grok** 

READY TO CONNECT

Kissflow is live on Vinkius Cloud.

Get your connection token, paste it into your AI agent, and start building. No SDK. No deployment. Just results.

[Start at cloud.vinkius.com](https://cloud.vinkius.com) →

vinkius.com · support@vinkius.com

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