MCP SERVER | NO CODE | CLOUD HOSTED

Pipefy MCP

Manage workflows through conversation.

Pipefy MCP lets you manage complex business workflows by talking to your AI agent instead of clicking through a dashboard. You can list entire processes, create new records, move items between workflow phases (like 'New' to 'In Progress'), update specific fields on existing requests, and search for cards using criteria like customer email or ID.

A+ Quality Score 100/100

process-management | workflow-automation | task-tracking | business-process-management | data-entry

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vinkius.com/mcp/pipefy

SCAN TO VIEW

The connectivity layer between AI and the world's software.

Vinkius sits between AI and every application. All communication passes through Vinkius Cloud via the Model Context Protocol (MCP) — with governance, observability, and security at every layer.

Your AI Connections Run Through Vinkius Cloud

The world's largest managed MCP catalog

Vinkius is the connectivity layer where AI connects 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.

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.

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.

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	Ed25519	24h TTL	V8 Isolate
Encryption at rest	PKI vault signatures	Ephemeral session keys	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.

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.

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.

06 — Honeytoken Trap System

Phantom credentials are injected into isolated environments. If a honeytoken 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.

Agent Activity

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

FinOps

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

Tool Health

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

Firewall & DLP

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

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.

Pipefy MCP

14 tools available
Cloud-hosted on Vinkius

Managing business processes usually means opening up a dedicated web portal and navigating through multiple tabs just to get one task updated. This MCP lets your AI agent handle all that complexity through natural conversation. You don't need to remember complex URLs or click through five different screens; you just tell your agent what needs doing.

It acts like a specialized process manager for your company's workflows, allowing you to view the structure of every pipe in your organization, find specific records by their unique ID or customer email, and even duplicate existing items if you need to start a similar request. Need to move a task from 'Draft' to 'Review'? Just tell your agent. You can also change critical data points on a card—like updating the priority level or adding a due date—without ever touching the main Pipefy interface. Because this MCP is hosted and managed by Vinkius, you connect once via any compatible client and gain instant control over all these actions, making it feel like your AI agent genuinely works inside your process management system.

Core Capabilities

01 — View Organization Structure

Discover every workflow (pipe) and team member within your company's account.

02 — Manage Workflow Items

Create, read, update, or delete individual records (cards) flowing through a process.

03 — Advance Process Steps

Move an item to the next stage of its workflow automatically, like moving a request from 'New' to 'In Review'.

04 — Update Specific Data Points

Change field values on existing records, such as updating a contact’s email or changing a task's priority.

05 — Search for Records by Detail

Find specific items across multiple workflows using details like an ID, name, or customer email address.

One Click on Vinkius — From Prompt to Execution

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

01 Subscribe to this MCP and provide your Pipefy API token.

02 Connect the service to your preferred AI client (Claude, Cursor, etc.).

03 Ask your agent to perform a workflow action, like 'Find all cards in the IT Support pipe where the status is pending' or 'Move card 12345 to the Completed phase.'

The bottom line is you use plain English conversation to execute complex, multi-step actions within your project management platform.

Built For

This MCP is built for anyone whose job requires them to track and move things through established company processes. If you spend half your day clicking between dashboards just to update a status or find an old record, this tool saves your sanity.

Operations Manager

Needs to create multiple new process records quickly and ensure they are moved through the correct phases immediately.

Project Coordinator

Spends time monitoring progress across several workflows, needing to search for specific items or clone templates for repeated tasks.

Customer Support Agent

Frequently needs to look up customer requests using an email address and update the status of that request without leaving their support dashboard.

What Changes When You Connect

01 Stop jumping between tabs. Instead of opening the Pipefy dashboard to update a status, just ask your agent to 'Move card X to In Review.' It handles the entire process in one step.

02 Never lose track of processes again. You can use `list_pipes` and `get_pipe` to understand exactly how every workflow is structured before you even create a single record.

03 Need to find an old support ticket? Don't manually scroll through hundreds of cards. Use the agent to `search_cards_by_field` by customer email or name, getting instant results.

04 Start fresh without repeating work. Instead of recreating fields and data for similar requests, use `clone_card` to duplicate an existing record and just adjust a few details.

05 Keep your process clean. When a task is done, tell the agent to move it using `move_card_to_phase`. This ensures every card moves through the official steps, keeping your data accurate.

06 Get a full picture of what's happening. With the ability to `list_cards` and check status, you can get an immediate count of items stuck in any given workflow stage.

Real-World Applications

Onboarding a New Client Request

The Ops Manager needs to start tracking a new client relationship. Instead of manually setting up all the fields, they ask their agent to 'Create a card in the Onboarding pipe for John Doe with email john@example.com.' The agent handles the data entry and gets it into the correct starting phase.

Identifying Workflow Bottlenecks

The Project Coordinator notices that many tasks are stalling. They ask their agent to 'List all cards in the Bug Tracking pipe currently sitting in the Review stage.' This instantly identifies the bottleneck and tells them exactly what needs attention.

Responding to a Customer Inquiry

A Support Agent receives an email from a customer. They ask their agent to 'Search for cards by field using the email jane@corp.com.' The agent instantly pulls up all related support tickets and updates the status of the oldest one.

Auditing Process History

The Process Owner needs to review how a specific request evolved over time. They ask their agent to 'Get detailed information about card 9876.' The agent pulls up all historical field values, comments, and the full timeline of moves.

Patterns to Avoid

Manually updating status fields

✗ AVOID

Opening a card in the Pipefy dashboard, clicking the 'Status' dropdown, selecting the new phase, and then manually typing the updated priority level into another field.

✓ INSTEAD

Tell your agent to advance the process. Use `move_card_to_phase` by asking for the target stage, and follow up with an instruction like 'Update card 12345's priority to High' using `update_card_field`.

Searching through records one-by-one

✗ AVOID

Trying to find a record that belongs to a specific person, requiring the user to open up dozens of different pipes and manually check every card for the right email address.

✓ INSTEAD

Use `search_cards_by_field`. Tell your agent to search across the required pipe by 'email' using the target domain. This gives you all relevant records at once.

Starting a new item from scratch

✗ AVOID

Having to rebuild an entire request card—all the custom fields, the initial title, and the standard data points—every time a similar client comes in.

✓ INSTEAD

Use `clone_card`. Tell your agent to duplicate a template card. This retains all historical field values so you only have to change the new identifying information.

The Right Fit

You should use this MCP if your job involves managing structured, multi-step processes—think ticketing systems, application approvals, or content pipelines. If your core work is about moving data through predefined stages and tracking status changes, this tool is critical because it eliminates context switching.

Don't use this if you are building a database from scratch with no defined workflow, or if you need to write complex code logic that triggers external systems (like sending an SMS). For those cases, you need integration tools that handle direct API calls outside of a structured process. This MCP is purely for controlling the flow *inside* Pipefy's governed structure.

The Pain of Context Switching

Right now, updating a single record requires you to open up your web browser, navigate through the pipefy dashboard, click on the specific card, find the status dropdown menu, select 'In Review,' and then finally manually update two other fields like 'Reviewer' and 'Due Date.' It's a frustrating series of clicks that kills momentum.

With this MCP, you simply tell your AI agent: 'Move card 5678 to In Review and set the Due Date to next Friday.' Your agent handles finding the record, advancing its phase, updating the date field, and making sure everything is correct—all without you seeing a single dashboard click.

Pipefy MCP: Instant Process Control

The tedious manual steps that go away include logging into the portal, navigating to the specific pipe ID, manually finding the card ID, and updating each field individually. All that friction vanishes.

You gain instant process control. You speak directly to your workflow engine, treating it like a conversational partner instead of a complicated web form.

Pipefy MCP: 14 Tools for Workflow Management

These tools let you interact with every part of a workflow process, from viewing the overall company structure to making micro-updates on individual records.

#	TOOL	DESCRIPTION
01	clone_card	Duplicates a current record, keeping all its data intact so you can start a new item as a template.
02	create_card	Builds an entirely new record in any defined workflow by providing the required field details.
03	delete_card	Permanently removes a card and all associated data from its current workflow.
04	get_card	Retrieves the full, detailed information about one specific record using its unique ID.
05	get_organization	Shows the high-level structure of your company's account and team details within Pipefy.
06	get_phase	Provides detailed information about a specific stage in a workflow, including what fields are required there.
07	get_pipe	Maps out the entire structure of a single process, showing all its phases and custom data fields.
08	get_user_profile	Checks your logged-in user details and verifies which organizations you have access to.
09	list_cards	Lists all records within a specified workflow, optionally filtering by the current phase or status.
10	list_phases	Retrieves a list of every stage in a process and counts how many items are currently at each step.
11	list_pipes	Shows all available workflows (processes) across your entire organization's account.
12	move_card_to_phase	Advances a record from one stage to the next, moving it through the official workflow steps.
13	search_cards_by_field	Searches for records across an entire pipe by checking content in a specific field, like email or name.

#	TOOL	DESCRIPTION
14	update_card_field	Modifies the data stored on a card's record, such as changing a priority level or adding a date.

See It in Action

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

U List all pipes in my organization and show me the cards in the 'IT Support' pipe.

I've retrieved your organization's pipes. You have 5 active pipes: 'IT Support', 'HR Onboarding', 'Purchase Requests', 'Bug Tracking', and 'Content Approval'. In the 'IT Support' pipe, I found 12 cards: 4 in 'New Requests', 5 in 'In Progress', and 3 in 'Waiting for User'. The oldest card has been waiting 5 days. Would you like the full details of any specific card?

U Create a new purchase request card in the Purchase Requests pipe with these details: Requester: Maria Silva, Item: MacBook Pro 16", Quantity: 2, Justification: Design team replacement.

I've successfully created the purchase request card:
- **Card ID**: 12345678
- **Title**: Purchase Request - Maria Silva
- **Current Phase**: New Requests
- **Fields**: Requester: Maria Silva, Item: MacBook Pro 16", Quantity: 2, Justification: Design team replacement

The card is now in the 'New Requests' phase and ready for review. Would you like me to move it to 'Manager Approval' phase?

U Search for all cards in the IT Support pipe where the email field contains 'john@company.com' and show me their current status.

I found 3 cards in the IT Support pipe for john@company.com:

1. **Card #12345** — 'Monitor not displaying' — Phase: In Progress — Created: 2024-04-01
2. **Card #12389** — 'Keyboard replacement request' — Phase: Waiting for Parts — Created: 2024-04-03
3. **Card #12401** — 'VPN access issue' — Phase: Resolved — Created: 2024-04-05

Two cards are still active (In Progress and Waiting for Parts), and one is resolved. Would you like the full details of any specific card?

Frequently Asked Questions

01 **How do I get a Pipefy API token and where do I find it?**

Log in to Pipefy, click on your **Profile icon** (top-right), go to **Profile > API Access**, and generate a new token. Alternatively, use **Service Accounts** for team-based access. Copy the token immediately — it starts with `eyJhbG...`. Paste it into the API token field below. This token authenticates all GraphQL API requests to `https://api.pipefy.com/graphql`.

02 **How do I move a card from one phase to another in a pipe?**

Use the `move_card_to_phase` tool with the card_id (from list_cards or get_card) and the target phase_id (from get_pipe or list_phases). This advances the card through your workflow. For example, moving a card from 'New Requests' to 'In Review' phase. The card retains all its field values after moving. This is the primary way to progress items through your process.

03 **Can I search for cards by a specific field value like email or customer name?**

Yes! Use the `search_cards_by_field` tool with the pipe_id, field_id (the specific field to search in), and search_value (the text to find). This searches all cards in the pipe where that field contains your search text. It's perfect for finding cards by customer email, name, order number, or any custom field. Results include full card details with all field values.

04 **How do I create a new card with custom field values?**

Use the `create_card` tool with the pipe_id and a JSON object containing field values. The fields parameter should be a JSON object where keys are field IDs (from get_pipe) and values are the data to store. Example: `{ "name": "John Doe", "email": "john@example.com", "priority": "High" }`. You can also optionally specify a phase_id to start the card in a specific phase instead of the default first phase.

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 `"pipefy": { "url": "…" }`
Windsurf	MCP Settings → `mcp_settings.json` → 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

Pipefy 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 →

vinkius.com · support@vinkius.com

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