

MCP SERVER

NO CODE

CLOUD HOSTED

Infinity Work Manager MCP

Manage tasks, boards and folders via conversation.

Infinity Work Manager MCP lets your AI client manage complex project workflows directly within Infinity. You can create boards, update tasks, organize folders, and add comments—all through natural conversation without touching the web app. It brings sophisticated work management controls to your agent.

A+ Quality Score 100/100

task-tracking

work-management

board-management

custom-attributes

team-collaboration

workflow-automation



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.

Infinity Work Manager MCP

15 tools available

Cloud-hosted on Vinkius

Your AI client can handle entire projects inside Infinity. Instead of opening up the platform and clicking through multiple menus, you just talk to your agent about what needs doing. You'll manage everything from setting up new workspaces and boards to moving tasks between columns. Need to coordinate with a teammate? Your agent adds comments directly to any item. Want to track progress? It can list all existing items in a board or check which folders an item belongs to. This entire process is exposed through Vinkius, giving your AI client access to the full suite of work management controls—including retrieving user profile details and viewing custom attribute configurations.

Core Capabilities

01 — Manage Workspaces and Boards

The MCP allows you to list all accessible workspaces and create entirely new boards for organizing different projects.

03 — Organize Item Structure

The system lets you build out project structure by listing, creating, and managing folders within boards.

05 — Retrieve Project Metadata

The MCP helps you get details about specific boards, items, and even check out how many attributes are configured on a board.

02 — Create, Update, and Delete Tasks

You can create items with specific attribute values on a board or update existing tasks without needing the web interface.

04 — Handle Collaboration Details

You can add or retrieve comments on any item to keep team conversations centralized with the task itself.

One Click on Vinkius — From Prompt to Execution

Available at vinkius.com/mcp/infinity-work-manager — connect your AI agent in three steps.

- 01 First, subscribe to this MCP on Vinkius.
- 02 Next, input your Infinity Access Token from the developer settings page.
- 03 Finally, start issuing commands through Claude, Cursor, or any MCP-compatible client.

The bottom line is that once connected, your AI agent treats the work management platform like a native API endpoint you can talk to.

Built For

Anyone who spends time jumping between project boards and communication tools needs this. Project Managers need it when they're tired of manual status updates; Operations Teams need it when they have thousands of tasks that require structured organization across multiple boards.

Project Manager

Creates new work items, tracks progress by updating statuses, and uses the MCP to monitor board activity without leaving their main workflow.

Operations Specialist

Manages large volumes of data; they use the tool to organize complex folder structures and list all available boards for auditing purposes.

Team Lead

Needs a quick way to add comments or retrieve item details on demand, ensuring team communication is logged directly against the relevant task.

What Changes When You Connect

- 01 Stop switching apps. Your agent handles the entire lifecycle—from listing workspaces to creating new items—all without you leaving your chat window. You control complex workflows using only natural language.

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- 02** Maintain a clear record of decisions. When you use `create_comment` or `list_comments`, every action, question, and answer is logged directly against the task it relates to, keeping context locked down.
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- 03** Build structured processes instantly. By calling `create_folder` and then `create_item`, your agent can scaffold out entire sections of a project board, going far beyond simple checklists.
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- 04** Never lose track of what you're working on. Using `list_items` or `get_item` lets your agent quickly pull up the status of any task across massive boards, saving minutes of manual dashboard digging.
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- 05** Scale your operations using core data points. The ability to view board attributes via `list_attributes` means your AI can adapt to unique organizational needs and track specific custom metrics.
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Real-World Applications

Board Setup for a New Client Project

A PM doesn't have time to manually set up the board. They ask their agent, 'Create a new workspace called Q3 Marketing and add a board named Campaign Launch.' The agent uses `create_board` and `list_workspaces` to build out the entire structure, saving hours of clicking.

Auditing Project Scope

A Team Lead needs to audit if all necessary components are tracked. They ask their agent to 'List every folder and item within the Design Board.' The agent uses `list_folders` followed by `list_items`, giving them a complete, structured inventory.

Tracking Feature Updates

An Ops Specialist needs to know what's been done on a specific task. They ask their agent to 'Give me the details and all comments for item XYZ.' The agent uses `get_item` and `list_comments` in one go, delivering a full status report without needing to open the board view.

Resuming Work on an Old Task

A user returns to a project weeks later. Instead of digging through history, they ask their agent to 'Get the full profile details for this board.' The agent uses `get_board` to immediately provide context and status.

Patterns to Avoid

Treating it like a simple note-taking tool

X AVOID

User asks the AI: 'What's the general vibe of this project?' The agent fails because the request is too vague and requires human judgment.

✓ INSTEAD

You must be specific. Instead, ask the agent to ``get_item`` for a particular ID or to ``list_items`` filtered by status. Always reference a board ID when asking about content.

Trying to edit non-existent data

X AVOID

User asks: 'Change item 999's status.' If the item doesn't exist, the agent reports an error but can't help the user find it.

✓ INSTEAD

Before updating anything, always run ``list_items`` or ``get_board`` first. This lets you verify the correct IDs and attribute names before attempting to use ``update_item``.

Assuming full access

X AVOID

User asks: 'List all workspaces on the planet.' The agent fails because it only knows what's in your account.

✓ INSTEAD

Start by asking the agent to ``list_workspaces``. This confirms the boundaries of its knowledge and shows you exactly which areas of work are accessible.

The Right Fit

Use this MCP if your current workflow involves managing tasks, boards, or project assets within a dedicated platform like Infinity. If you need to create structure (boards/folders) or record interactions (comments), this is the right tool. Don't use it if you just need general data retrieval; for that, standard database connectors might suffice. Crucially, don't rely on it for pure content generation—it manages *structure*. For instance, you can `create_comment` about a marketing campaign, but you can't ask it to write the copy itself. If your goal is complex decision-making or external API calls outside of work management data, you need a different type of MCP designed for general web services.

The Friction of Context Switching

Today, updating a project board means switching from your chat window to the dedicated application. You navigate to the correct workspace, find the right board, click into the task, and then copy-paste any notes or updates into the comment section. This cycle of opening tabs, scrolling through pages, and manually clicking is slow and makes it easy for key details to fall out.

With this MCP, that process disappears. You simply tell your agent, 'Update item 123 with these findings and add a follow-up note.' The system handles the navigation internally, updating the board, adding comments, and moving the status—all in one natural conversation.

Infinity Work Manager MCP: Full Control Over Your Data

Manual work involves multiple steps for a single goal. You might have to call `get_board` just to find the correct ID, then use that ID in `list_items`, and finally use an item ID to execute `create_comment`. It's tedious setup just to talk to the tool.

Now, the MCP handles the sequence. You tell your agent the goal ('Update task X with Y'). The system coordinates calling multiple tools—like updating attributes using `update_item` and then adding a record via `create_comment`—seamlessly in the background.

Infinity Work Manager: 15 Available Tools

These tools give your agent direct control over every aspect of the Infinity work management platform, from listing workspaces to updating individual items.

#	TOOL	DESCRIPTION
01	<code>list_attributes</code>	Retrieves a list of all custom fields configured for a specific board.
02	<code>list_boards</code>	Lists every board available within the user's current workspace.
03	<code>list_comments</code>	Fetches all comments that have been left on a particular item.
04	<code>create_board</code>	Creates an entirely new board within the workspace, allowing you to define its initial name and settings.
05	<code>create_comment</code>	Adds a new comment to any specified item in the work management system.
06	<code>create_folder</code>	Creates a new organizational folder inside an existing board structure.
07	<code>create_item</code>	Generates a brand-new item on a board, setting its name and initial custom attribute values.
08	<code>delete_item</code>	Removes an existing task or work item from the specified board.
09	<code>list_folders</code>	Shows all folders that are currently organized within a given board.
10	<code>get_board</code>	Retrieves full details about one specific board ID, including its status and attributes.
11	<code>get_item</code>	Gets comprehensive information for a single item, showing all its current attributes and status.
12	<code>list_items</code>	Lists every task on a board, supporting pagination to fetch large sets of data efficiently.
13	<code>get_profile</code>	Retrieves the authenticated user's profile information and unique ID for connection verification.
14	<code>update_item</code>	Modifies an existing item on a board, changing its status or attribute values.
15	<code>list_workspaces</code>	Lists all workspaces accessible to the user, allowing you to scope subsequent actions.

See It in Action

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

U Show me all workspaces I have access to.



Found 3 workspaces: 1. Marketing Team. 2. Product Development. 3. Operations.

U List all items in board 123 of workspace 456.



Found 15 items: 1. Design Homepage. 2. Update API Docs. 3. Fix Login Bug. 4. Launch Campaign.

U Create a new item called 'Sprint Planning' in board 123 with status 'In Progress'.



Item created successfully! 'Sprint Planning' added to board 123 with status 'In Progress'.

Frequently Asked Questions

01 How do I create a new board using Infinity Work Manager MCP?

You simply ask your agent to 'Create a new board called X.' The system uses the `create_board` tool, allowing you to define its name and initial settings in plain language.

02 Can I modify an existing task with Infinity Work Manager MCP?

Yes. You can use the `update_item` tool. Just provide the item's ID or reference, and tell your agent what status changes or attribute values need to be modified.

03 Does Infinity Work Manager MCP help me organize my project structure?

Absolutely. You can use ``create_folder`` to build out the necessary organizational hierarchy within a board, and then list them all using ``list_folders`` to verify your setup.

04 What if I need to track multiple workspaces? Does Infinity Work Manager MCP support it?

Yes. You start by using the ``list_workspaces`` tool, which shows you all accessible areas. After that, you can target specific boards or items within those workspaces.

05 Can I add a note to an item without opening the app? (Using Infinity Work Manager MCP)







Yes, use the ``create_comment`` tool. Just reference the item ID and write your notes, and they'll appear as if you logged in directly through the web interface.

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>"infinity-work-manager": { "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

Infinity Work Manager 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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