MCP SERVER | NO CODE | CLOUD HOSTED

# Coda MCP for AI Agents

## Manage collaborative documents, tables, and project trackers

Coda MCP lets your AI agent manage structured data across collaborative documents. It handles tables, formulas, and document structure by letting you read rows, update records, and pull live formula values using natural language commands.

**A+** Quality Score 100/100

collaborative-docs | table-management | formula-automation | workspace-integration | data-sync | project-tracking

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vinkius.com/mcp/coda

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.

# Coda MCP

10 tools available
Cloud-hosted on Vinkius

The Coda platform mixes words, databases, and teams into one place. This MCP connects your AI to that whole system so you don't have to open the application to get answers or make changes. Instead of navigating multiple tabs and copying data manually, you just ask your agent what you need done.

For example, if an operations team needs to check the status of a task listed in a tracker, the AI can read that specific row right from the chat window. If a product manager needs to know the total calculated budget for Q4, it can pull the live formula value instantly. It even lets you add or delete entire rows of data on demand.

By connecting Coda through Vinkius's catalog, your AI client gains deep access to everything—from listing all related documents to automating complex data sync between different parts of your workspace.

## Core Capabilities

**01 — Get document context and structure**

The agent lists recent documents or retrieves detailed information about a specific file, including its contained tables and pages.

**02 — List and manage data tables**

You can retrieve a list of tables within a document, identify all columns in a table, or pull the full rows from any given table.

**03 — Read, update, create, or delete records**

The agent handles structured data changes, allowing you to read specific rows, update existing entries, insert new rows, or remove old ones entirely.

**04 — Access live formula calculations**

You can get the current calculated value for any named formula within a document, providing real-time metrics without opening the file.

## One Click on Vinkius — From Prompt to Execution

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

01 First, add the Coda integration to your AI toolset and connect it via Vinkius.

02 Next, provide the necessary API Token from your Coda Account Settings.

03 Finally, issue a natural language command—like 'What is the total budget in the Q1 OKRs document?'—and the agent executes the action.

The bottom line is you get to manage structured data and documents using only conversation, without needing to interact with Coda's visual interface.

## Built For

This MCP is for anyone whose job relies on juggling information across multiple collaborative documents. If your day involves checking trackers, updating status reports, or pulling metrics from complex spreadsheets that live in a doc, you need this.

**Product Manager**

A PM uses this to pull table data and formula results directly into a meeting summary without having to open the master project document.

**Operations Coordinator**

An Ops coordinator relies on this to check task statuses in tracker tables or update records for compliance reports straight from a chat window.

**Data Analyst**

A data analyst uses this to programmatically get the current value of specific, complex formulas across multiple documents for reporting purposes.

## What Changes When You Connect

01 Don't open the document to check data. Use list_rows or list_columns so your agent pulls specific table data directly into the chat.

02 Get real-time metrics instantly. The get_formula_value tool lets you pull live numbers from named formulas without needing manual calculations.

03 Keep project trackers current. Update status reports and record changes by using update_row, making sure the source of truth is always accurate.

04 Handle data cleanup fast. Need to remove old records? Use delete_rows or insert_rows to manage table capacity on demand.

05 Know your document structure immediately. Using list_docs helps you quickly find and understand which documents hold the information you need.

## Real-World Applications

**Checking project status for a client call**

Instead of digging through 'Sprint Board' to check Q3 Launch status, ask your agent. It runs list_rows and tells you the current task status, assigned owner, and deadline right away.

**Automating quarterly budget reporting**

A finance team member needs the total cost across three different departments. The agent calls get_formula_value multiple times to pull the live 'Total Budget' metric from each respective document, compiling one summary.

**Migrating data between teams**

When a department changes its tracking system, use list_tables and list_columns to map out all necessary fields before writing scripts that insert new rows into the target location.

# Patterns to Avoid

### Treating Coda like a single text file

✗ AVOID

Trying to find an answer by asking, 'What is the budget for Q4?' without specifying that it's in the finance tracker. The agent can't tell if you mean the formula or just random text.

✓ INSTEAD

Always specify your intent and data source. Tell the agent: 'Get the formula value named Total Budget from the Finance Tracker table.' This uses get_formula_value accurately.

### Manually tracking changes

✗ AVOID

A user sees a row of data, but doesn't know if it was updated yesterday or last week. They might miss critical context.

✓ INSTEAD

Use list_rows and then ask the agent to compare records, allowing you to see which specific columns were changed using update_row logic.

### Assuming all data is visible

✗ AVOID

The user asks for a 'Master Task List' but forgets that tasks are broken up across multiple documents. The agent only checks one file.

✓ INSTEAD

Start by asking the agent to run list_docs first. This gives you an overview of every document, ensuring you don't miss data in a secondary tracker.

## The Right Fit

Use this MCP if your workflow requires reading or manipulating structured, relational data that lives within collaborative documents. Specifically, if you need to read the live output of complex formulas or modify table records (inserting, updating, deleting rows) through conversation, this is for you. Don't use it if you only need basic text summarization or are dealing with external systems outside of Coda. For example, if your goal is simply to summarize a document section without touching the data, an unstructured text extraction tool works better. But if that summary relies on the 'Total Budget' formula, you must use get_formula_value.

## Coda MCP for AI Agents: Handling Collaborative Project Tracking Data

Think about how much time you waste just opening documents. You need to jump between the main project summary, a specific task tracker, and then dive into an attached financial model just to get three pieces of information. This means endless clicks and manual cross-referencing.

With this MCP, your agent handles all that movement for you. Instead of navigating tabs or copying cell values, you ask it directly: 'What is the current status of the Q3 launch?' The system runs list_rows against the correct table and gives you a direct answer.

## Coda MCP for AI Agents: Managing Structured Data in Docs

The pain point is data drift. People manually update trackers, sometimes forgetting to change the formula that calculates the total. This leaves your project metrics inaccurate and unreliable.

This connector fixes that. It allows you not just to read a row, but to modify it using tools like update_row or insert_rows. You can maintain perfect data integrity without ever touching the API console.

# Coda: 10 Tools for Table Management and Formula Automation

Use these tools to read document structure, manage table data (rows/columns), update records, or pull live calculation values from Coda documents.

| # | TOOL | DESCRIPTION |
|---|---|---|
| 01 | `delete_rows` | Removes one or more specific rows from a Coda table. |
| 02 | `insert_rows` | Adds new, empty rows to the end of an existing Coda table. |
| 03 | `get_doc_details` | Retrieves key metadata and structural details about a specified Coda document. |
| 04 | `get_formula_value` | Pulls the current, calculated value of any named formula in a document for real-time reporting. |
| 05 | `list_columns` | Shows you all the column headers present in a chosen Coda table. |
| 06 | `list_docs` | Gives a list of all Coda documents available to your agent. |
| 07 | `list_formulas` | Retrieves the names of all named formulas within a specific document. |
| 08 | `list_rows` | Pulls the data contents of multiple rows from a specified Coda table. |
| 09 | `list_tables` | Shows you all the distinct tables located inside one document. |
| 10 | `update_row` | Modifies and saves new data into an existing row within a Coda table. |

# See It in Action

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

**U** What's the overall status and total budget for Q1?

**Q1 Status Report**

The project is currently marked as **In Progress**. Here are the key metrics:

- **Total Budget:** $450,000.00 (Last calculated: 2 minutes ago)
- **Key Milestones:** All three milestones were hit on time.
- **Action Items:** We need to update row 14 with the new vendor contact details.

**U** Show me the most recent documents and list all available tables in 'Project Tracker'.

You have 4 recent documents:

1. **Project Tracker:** (3 Tables)
2. **Q1 OKRs:** (2 Tables)
3. **Team Meeting Notes:** (1 Table)

I found the following tables in 'Project Tracker':

- `Task Statuses` (Columns: Task Name, Owner, Due Date)
- `Resource Allocation` (Columns: Resource, Hours Used, Cost Center)

U Can you add a new row to the 'Resource Allocation' table for Jane Doe and set her hours used to 15?

Done. I inserted a new record into the `Resource Allocation` table.

The new entry is:
- **Resource:** Jane Doe
- **Hours Used:** 15
- **Cost Center:** Marketing

The row ID is `r_92a3b`. Let me know if you need to update any other data points.

# Frequently Asked Questions

01 **How does the Coda MCP help with project tracking?**

It lets your AI agent read and write directly into structured tables. You can check status updates or modify task assignments without ever leaving your chat window, making project management much faster.

02 **Can I use the Coda MCP to calculate totals automatically?**

Yes. The MCP lets you pull the live value of named formulas in any document. This means you get real-time financial or metric data without having to manually calculate anything.

03 **Does the Coda MCP only read information from my documents?**

No, it's bidirectional. You can not only pull data using list_rows but also update records and insert new rows across various tables in your workspace.

04 **What kinds of roles benefit the most from the Coda MCP for AI Agents?**

Product Managers, Operations Coordinators, and Data Analysts gain the most. This tool handles constant data retrieval and updates that are core to their daily workflow.

05 **If I change a tracker table, do I need to use the Coda MCP?**

Yes, if your AI agent needs to know about the change. Using our tools ensures the data is read correctly and that any dependent formulas are pulled with the most current values.

# 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 `"coda": { "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

# Coda 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

## INDEPENDENT PLATFORM DISCLAIMER

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