MCP SERVER | NO CODE | CLOUD HOSTED

Kintone MCP

Control your low-code business data conversationally

Kintone MCP connects your AI agent directly to your Kintone business applications. It lets you manage complex operational data—including creating, reading, updating, and deleting records across multiple apps—all through natural conversation. You can list every app available or query specific fields without ever opening the UI. This gives developers and operations teams granular control over low-code workflows, treating your entire Kintone instance like a database you talk to.

A+ Quality Score 100/100

low-code | workflow-automation | database-management | business-apps | collaboration | data-querying

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vinkius.com/mcp/kintone-alternative

SCAN TO VIEW

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.

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.

Kintone MCP

8 tools available
Cloud-hosted on Vinkius

You manage complex business data stored in Kintone using only natural conversation. Instead of logging into separate applications or building custom API calls, you just ask your AI agent what you need done. This MCP lets you inspect the structure of any app—checking field types and configurations—and then perform full CRUD (Create, Read, Update, Delete) operations on records across multiple apps. Need to query a specific deal in the 'Sales Pipeline' while simultaneously checking the details of the 'Customer DB'? You can do that. Your AI client handles the data flow, making your Kintone instance feel like one unified, conversational database. Vinkius hosts this MCP, giving your agent access to every toolset you need for deep operational control.

Core Capabilities

01 — List and Inspect Apps

The agent can list all Kintone apps and pull details on specific fields within them.

02 — Manage App Spaces

You can retrieve detailed information about the underlying spaces that host your applications.

03 — Query and List Records

The agent searches for records across any app, supporting advanced filtering using Kintone query syntax.

04 — View Single Record Details

You can pull the complete data profile of a single record when you know its ID.

05 — Create New Records

The agent generates and adds one or more new records into any app.

06 — Modify Existing Data

You can update multiple fields across several existing records simultaneously.

07 — Remove Records

The agent deletes specified records from an app when they are obsolete.

One Click on Vinkius — From Prompt to Execution

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

01 Subscribe to this MCP and provide your Kintone domain and API Token.

02 Your AI client connects, authenticating access to all the apps and spaces you manage within Kintone.

03 You speak a request—like 'Show me all deals over $50K in Sales Pipeline'—and the agent uses the appropriate tools to execute the data action.

The bottom line is, your AI client treats your entire low-code platform like an extension of its memory, allowing you to work with structured business data conversationally.

Built For

This MCP is built for the developer or operations specialist tired of switching between multiple tabs and manually running reports. If your job involves coordinating data across different departmental apps (like sales, inventory, and HR), this gives you back hours of clicking.

Operations Analyst

You use the MCP to check app field settings or list records in multiple apps to prepare a cross-departmental report without opening any dashboards.

Integration Developer

You connect your AI workflows directly to Kintone data, using tools like add_records and update_records to automate the creation or modification of records based on external triggers.

Business Manager

You use it to query metrics across different apps—for example, pulling all active prospects from both the 'Sales Pipeline' and 'Customer DB' apps at once.

What Changes When You Connect

01 You gain total visibility into your platform structure. Use list_apps and get_app_fields to map out every available app and field type without clicking through the UI.

02 Eliminate manual reporting cycles. Instead of querying reports, simply ask the agent to list records or run a query on data that spans multiple apps simultaneously.

03 Automate daily maintenance tasks instantly. Need to onboard new client data? Use add_records to populate dozens of records across different departmental apps in one prompt.

04 Maintain clean data integrity. When business logic changes, use update_records and delete_records directly through your agent instead of having to manually edit the source app.

05 Simplify troubleshooting. If a record is missing or incorrect, you don't have to guess; use get_record with just an ID to pull the full profile instantly.

Real-World Applications

Auditing old data for compliance

A manager needs to know who was assigned to a specific project three months ago. They tell their agent, 'List records in the Project Tracker app where Status is Closed and find the owner.' The agent uses list_records and get_record to pull the required historical assignment details.

Migrating client data

A developer needs to move 50 new user entries into the HR system. They use add_records, providing a JSON array of records, which populates the target app instantly without any manual form entry.

Correcting old client information

The sales team found that 10 deals have incorrect owner names. They prompt the agent to use update_records across the 'Sales Pipeline' app, correcting all owners and ensuring data consistency.

Building a cross-app dashboard view

An analyst needs to know if an inventory item (Inventory App) is ready for a client who was recently onboarded (Customer DB App). They query both apps sequentially using list_records and get_record, creating a unified data report.

Patterns to Avoid

Trying to run simple reports

✗ AVOID

A user tries to generate a report that requires joining fields from the 'Inventory' app with data from the 'HR Requests' app, leading them to open two separate dashboards and copy-paste results.

✓ INSTEAD

Use your AI client and list_records. By providing both app names and combining their field filters in a single query, you let the agent pull the combined data set into one conversational response.

Manually checking every record

✗ AVOID

A manager has to click through hundreds of records in a large 'Customer DB' app just to verify if a specific field (like Annual Revenue) was filled out correctly.

✓ INSTEAD

Use list_records. You can provide the optional query string filter, asking for all records where the Annual Revenue field is empty or below a certain threshold.

Misunderstanding app structure

✗ AVOID

A new developer assumes an app has a 'Client Email' field when it's actually called 'Contact Email', causing their integration to fail.

✓ INSTEAD

Before writing code, use get_app_fields. This tool inspects the full configuration and names of all fields, preventing structural errors in your agent's logic.

The Right Fit

Use this MCP if you need programmatic access to the raw data inside Kintone apps. Specifically, if your workflow needs to read a record's content (get_record), change it (update_records), or create new records without human intervention, this is your tool. Don't use it if you simply want to *view* the UI; for that, just open Kintone. Also, don't rely on this MCP to build complex user interfaces—it handles data flow and manipulation only. If your goal is merely to list available apps or check field definitions before writing any code, then get_app_fields and list_apps are exactly what you need.

The headache of jumping between departmental dashboards

Today, checking a single client's status means opening the 'Sales Pipeline' app to see their deal value. Then, you have to jump over to the 'Customer DB' app just to verify if they are still marked as an active prospect. If that info is wrong, you copy the ID and paste it into the 'HR Requests' dashboard so someone can fix it. It’s a painful cycle of clicking, copying, and waiting.

With this MCP, your AI agent handles the whole chain. You just ask one question: 'What is the current status of Acme Corp across all apps?' The agent uses multiple tools—like list_records and get_record—to pull that data instantly and give you a single, consolidated answer.

Control records with add_records

Manual record entry is slow. If your team gets 15 new leads every morning, someone has to manually open the 'Customer DB' app and fill out 15 separate forms—Name, Email, Industry, Status, etc. That’s tedious data duplication.

Now, you feed the list of 15 leads into your agent using add_records. The MCP takes that bulk data and programmatically creates all 15 records in the correct format. It's instant population.

Kintone: 8 Tools for Deep Data Management

These tools give your AI agent the full capability to interact with Kintone. You can list apps, manage records, check field settings, and more.

#	TOOL	DESCRIPTION
01	`add_records`	This tool adds one or more new records into a specified Kintone app.
02	`delete_records`	This tool permanently removes selected records from an app.
03	`get_app_fields`	It retrieves the full settings and definitions for all fields in a given Kintone app.
04	`get_record`	You can fetch comprehensive details for one specific record using its ID.
05	`get_space_details`	This tool gets background information about the Kintone space where apps are hosted.
06	`list_apps`	It lists every single Kintone app that you have access to manage.
07	`list_records`	You can pull a list of records from an app, optionally filtering them with a query string.
08	`update_records`	This tool changes the content of one or more existing records in an app.

See It in Action

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

U List all apps and show the latest 5 records from the 'Sales Pipeline' app.

Apps: 6. Sales Pipeline (234 records), Customer DB (456), Inventory (89), HR Requests (34), Bug Tracker (123), Expenses (67). Latest Sales Pipeline: 1) Acme Corp — $45K, Stage: Proposal. 2) TechCo — $28K, Negotiation. 3) StartupXYZ — $12K, Demo. 4) GlobalInc — $67K, Closing. 5) MediCorp — $33K, Qualification.

U Create a new deal in Sales Pipeline and query all deals over $50K.

Record created! 'NovaTech Partnership' — $85K, Stage: Proposal, Owner: Sarah. Pipeline: 235 records. Deals over $50K: 4 records. 1) NovaTech — $85K (Proposal). 2) GlobalInc — $67K (Closing). 3) EntCorp — $120K (Negotiation). 4) MegaGroup — $55K (Demo). Total pipeline value >$50K: $327K.

U Show the field configuration for the Customer DB app.

Customer DB fields: 10. Company Name (text, required), Contact Email (email), Phone (phone), Industry (dropdown: SaaS, Healthcare, Finance, Retail), Size (number), Annual Revenue (currency), Status (dropdown: Active, Prospect, Churned), Last Contact (date), Notes (textarea), Attachments (file). 456 records total.

Frequently Asked Questions

01 **Can I use Kintone MCP to see what apps are available?**

Yes, you can use list_apps. This tool retrieves a comprehensive list of all the specific Kintone applications that your agent has access to.

02 **How do I check the fields in an app using Kintone MCP?**

Use get_app_fields. It pulls up the full configuration, telling you every field name and its data type (like dropdown or text) so your agent knows exactly how to interact with it.

03 **What is the difference between list_records and get_record in Kintone MCP?**

list_records pulls a filtered list of multiple records, while get_record retrieves all available data for one specific record using its unique ID.

04 **Can I bulk update multiple client records with Kintone MCP?**

Yep. Use update_records. You can pass a batch of JSON objects to change fields, like updating the 'Status' field for 20 different clients at once.

05 **Does Kintone MCP allow me to delete old records?**

Yes, you can use delete_records. This tool is designed to remove specified records from an app when they are no longer needed or compliant.

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 `"kintone-alternative": { "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

Kintone 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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