

MCP SERVER

NO CODE

CLOUD HOSTED

Baremetrics MCP for AI Agents

Analyze SaaS Financial Metrics: MRR, Churn, and LTV Tracking

Baremetrics MCP connects your AI client directly to high-grade SaaS financial analytics. It allows you to audit core business metrics—like Monthly Recurring Revenue (MRR), Customer Lifetime Value (LTV), and churn rates—by simply asking questions in natural language, bypassing complex dashboards entirely.

F Quality Score 3.6/100

saas-metrics

mrr

churn-analysis

ltv

subscription-analytics

financial-reporting



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.

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.

Baremetrics MCP

12 tools available

Cloud-hosted on Vinkius

Stop clicking through dense, multi-tab financial dashboards just to get a single number for a board meeting. Baremetrics lets your AI agent act like an instant CFO, giving you the pulse of your subscription business via conversation. You can ask about specific customer health or dive into overall growth trends without ever needing to know where the data lives. Your agent instantly retrieves core metrics—MRR, ARR, LTV, and churn rates—or lists detailed logs showing who upgraded and when. When you use this MCP through Vinkius, your AI client manages all the complexity of billing data, turning raw financial records into actionable insights that fit right into a Slack message or an email draft. You just ask what you need to know about your growth, and it arrives ready to use.

Core Capabilities

01 — Check connection status

Verifies that the Baremetrics account is correctly connected for immediate data access.

03 — Calculate user churn rate

Determines the percentage of users or revenue lost over a defined period.

05 — Get specific customer details

Fetches deep profile and billing information for any single identified customer.

07 — List all user subscriptions

Provides a comprehensive list of all current user subscription records, helping track upgrades or downgrades.

02 — Get active customer count

Provides a quick, up-to-date total count of currently active paying customers.

04 — Retrieve Customer Lifetime Value (LTV)

Calculates the total projected value of a customer throughout their relationship with your company.

06 — Retrieve Monthly Recurring Revenue (MRR)

Gets the total predictable revenue earned every month from active subscriptions.

One Click on Vinkius — From Prompt to Execution

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

- 01 Subscribe to this MCP and enter your Baremetrics API Key (Bearer Token).
- 02 Connect the credentialing to your AI client via Vinkius.
- 03 Ask your agent a question, like 'What was my MRR last quarter?' or 'Show me all active subscriptions for customer XYZ.' The tool handles the data retrieval.

The bottom line is you talk to your AI client in plain English; it translates that into specific financial queries and brings back the raw numbers.

Built For

Any SaaS business owner or finance team dealing with recurring revenue models needs this. If reporting on MRR, LTV, or churn involves more than a few clicks across different dashboards, you need this MCP.

SaaS Founder/CEO

Needs immediate answers about business health and growth metrics without manually compiling reports for investors.

Financial Analyst

Requires raw, structured data points for modeling or reporting that would otherwise take hours of manual dashboard extraction.

Customer Success Manager

Must quickly audit a specific customer's entire subscription history and LTV to prepare renewal talks or address churn risks.

What Changes When You Connect

- 01 Stop digging through tabs. Instead of manually pulling data from dashboards, your agent executes tools like `get_mrr` or `get_ltv`, delivering the exact financial number you need in a single conversational response.

-
- 02 Audit customer health instantly. Use `list_customers` and then `get_customer` to pull detailed subscription status for any user without logging into the billing portal.

 - 03 Track revenue movements easily. The MCP lets your agent list all subscriptions, helping you spot upgrade patterns or identify which customers are showing signs of potential churn risk.

 - 04 Time travel on finances. You can query specific date ranges using general metric tools to analyze seasonal performance and growth trends without needing complex pivot tables.

 - 05 Map the ecosystem. Tools like `list_plans` and `list_sources` let you verify that your entire billing structure is configured correctly across all defined data sources.
-

Real-World Applications

Preparing a quarterly board report

The CEO needs to know the current financial standing. They ask their agent, 'What was our average LTV last quarter and what's our current MRR?' The agent uses `get_ltv` and `get_mrr`, compiling both numbers into a ready-to-send summary.

Modeling potential revenue loss

The CFO needs a projection. They prompt, 'What is our current churn rate?' The agent uses `get_churn_rate` and provides the percentage, allowing the analyst to immediately model the impact of that loss.

Investigating why a key client left

The CS Manager suspects billing issues. They ask the agent to 'Show me all subscription logs for customer X.' The agent uses `list_subscriptions` and `get_customer`, providing detailed audit trails showing where the account status changed.

Verifying billing source integrity

The Operations Lead suspects a data feed problem. They ask the agent to 'List all available data sources.' The agent uses `list_sources` and displays the full inventory, ensuring no revenue streams are being overlooked.

Patterns to Avoid

Asking for vague totals

✗ AVOID

The user asks: 'Tell me about our money.' This is too broad and doesn't specify which metric or timeframe they care about, leading to generalized and useless data.

✓ INSTEAD

Be specific. Instead of asking generally, ask the agent to use ``get_mrr`` for 'the last 30 days,' or specifically request a list of high-value customers using ``list_customers``.

Ignoring subscription details

✗ AVOID

The user assumes all revenue is steady and asks only for the MRR. They miss crucial information about major downgrades that happened last month.

✓ INSTEAD

To get a complete picture, follow up by asking to ``list_subscriptions``. This provides the necessary historical detail to audit changes alongside the current MRR number.

Trying to guess metrics

✗ AVOID

The user asks for 'how much we'll make next year.' The AI client cannot predict this without structured data points.

✓ INSTEAD

Stick to verifiable facts. Use ``get_ltv`` or ask the agent to list all available plans via ``list_plans``. This grounds your conversation in actual, auditable billing data.

The Right Fit

Use this MCP if your primary pain point is turning complex SaaS financial dashboards into simple, conversational questions. If you frequently need to audit MRR changes, calculate LTV for specific clients, or track subscription status across different date ranges, this tool is essential. Don't use it if you are trying to predict future market trends—your AI client can only report on what the data already shows using tools like `get_metric`. If your need is purely operational (e.g., managing user passwords or updating website content), then a different type of integration, maybe a CRM tool, will work better.

Baremetrics MCP for AI Agents: Solving SaaS Billing Audits

Right now, auditing subscription health is a nightmare. You have to jump between the billing platform, the general ledger, and the CRM just to answer simple questions like, 'Did Customer X downgrade their plan last month?' It's a painful cycle of logging in, clicking through tabs, exporting CSVs, and then manually cross-referencing data points.

With this MCP, that manual process disappears. You simply ask your agent about customer billing history or active plans. The AI client uses the tools to pull all necessary details—like `list_subscriptions` and `get_customer`—and gives you a single, structured answer. It's instant financial truth.

Baremetrics MCP for AI Agents: Tracking SaaS Revenue Growth

Before this MCP, getting an accurate picture of your total predictable revenue required querying multiple dashboards and running specific reports on MRR and ARR. It was a time-consuming chore that always risked human error or missed data points.

Now, you ask the agent for the current Monthly Recurring Revenue (MRR) using `get_mrr`. You get the number immediately, with context about trends, without ever leaving your chat window. Your financial reporting is faster and more reliable.

Baremetrics: 12 Tools for SaaS Financial Reporting & Metrics

Use these specific tools to get detailed information on revenue, customers, subscriptions, and plans directly through your AI agent.

| # | TOOL | DESCRIPTION |
|----|-----------------------------------|--|
| 01 | <code>get_account_check</code> | Verifies the connection status to Baremetrics. |
| 02 | <code>get_active_customers</code> | Returns a simple count of active customers. |
| 03 | <code>get_churn_rate</code> | Calculates the user churn rate for your business. |
| 04 | <code>get_customer</code> | Retrieves all details about a single customer profile. |
| 05 | <code>get_ltv</code> | Calculates the Customer Lifetime Value (LTV) for a client or group of clients. |
| 06 | <code>get_metric</code> | Pulls specific, single data points for various financial metrics. |
| 07 | <code>get_mrr</code> | Retrieves the current Monthly Recurring Revenue (MRR). |
| 08 | <code>list_customers</code> | Lists all existing customer accounts in Baremetrics. |
| 09 | <code>list_metrics</code> | Provides a summary of high-level financial metrics available for review. |
| 10 | <code>list_plans</code> | Lists every defined pricing and feature plan in your billing system. |
| 11 | <code>list_sources</code> | Shows all data sources connected to the Baremetrics account. |
| 12 | <code>list_subscriptions</code> | Lists every user subscription record, detailing status and dates. |

See It in Action

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

U What was our total recurring revenue last quarter?



📊 Quarterly Revenue Snapshot

- **MRR (Last 3 Months Avg):** \$42,500
- **Total ARR:** \$127,500
- **Growth vs. Last Quarter:** +8% increase.

This number is based on all active subscriptions and accounts listed in the system.

U Show me who has been with us the longest?



📄 Top 5 Customers by Tenure

| CUSTOMER NAME | OID | YEARS ACTIVE |
|---------------|---------|--------------|
| Acme Corp | cus_123 | 4.1 years |
| Globex Inc. | cus_456 | 3.8 years |
| Initech | cus_789 | 3.0 years |
| Soylent Corp | cus_101 | 2.5 years |
| Umbrella Corp | cus_202 | 2.1 years |

The list is sorted by the `get_customer` tool.

U Are there any customers whose LTV looks concerning?



⚠️ Potential Churn Risk Report

I checked for customers with a low Lifetime Value (LTV). Here are three names to review:

- **Acme Corp:** Projected LTV: \$12,500. Status: Active 'Pro Plan'. Last activity: 4 weeks ago.
- **Widget Co.:** Projected LTV: \$8,500. Status: Trial nearing end. Needs follow up.
- **Beta Ltd.:** Projected LTV: \$7,200. Subscription type: Basic.

Frequently Asked Questions

01 How does Baremetrics MCP help me audit my SaaS revenue metrics?

It lets your AI client pull complex financial numbers like MRR and LTV instantly. Instead of navigating multiple dashboards, you just ask the agent for a metric, and it gives you the current figure along with context.

02 Can I use Baremetrics MCP to find out customer subscription details?

Absolutely. You can list all user subscriptions or search by individual customer ID. This helps you track upgrade patterns, identify where revenue is coming from, and verify status changes.

03 Is Baremetrics MCP better than using a standalone financial reporting tool?

This MCP isn't a replacement; it's an accelerator. It takes your existing dedicated financial tools (like Baremetrics) and lets your AI client interact with them conversationally, making the data accessible to anyone who can talk.

04 Does Baremetrics MCP help me calculate churn rates?

Yes, it provides a specific tool to calculate the user churn rate. This is critical for understanding how much revenue or customer base you are losing month over month.

05 What kind of data sources can I map with Baremetrics MCP?







The MCP allows you to list all defined plans and available data sources within your billing system. This helps operations leads verify that every revenue stream is accounted for in the analytics.

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>"baremetrics": { "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

Baremetrics 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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