

M C P S E R V E R

N O C O D E

C L O U D H O S T E D

Burn Rate Analysis MCP

Keep your startup's cash runway visible and predictable.

Burn Rate Analysis MCP gives your AI client the ability to handle startup financial intelligence. It calculates gross and net burn, tracks cash consumption trends, and identifies the specific one-time expenses that skew your data. Use it to project your zero date and keep a constant pulse on your remaining runway.

burn-rate

runway

startup

financial-planning

cash-flow



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.

Burn Rate Analysis MCP

4 tools available

Cloud-hosted on Vinkius

Managing a startup's cash flow shouldn't feel like guesswork. This MCP gives your AI agent the specific financial tools needed to monitor your runway and understand your spending habits. Instead of manually calculating monthly burn or trying to spot outliers in a spreadsheet, you can ask your agent to do the heavy lifting. It can pull your current monthly metrics, analyze how your cash consumption is trending over time, and pinpoint exactly when you'll hit your zero date. It also helps you clean up your data by identifying one-time expenses that might make your burn look higher or lower than it actually is. You can connect this to any MCP-compatible client like Claude or Cursor and start running these numbers immediately.

Core Capabilities

01 — Burn Calculation

Your agent calculates gross and net burn based on your provided revenue and expense figures.

02 — Runway Forecasting

The AI estimates your Zero Date by looking at your current cash and historical spending patterns.

03 — Trend Analysis

Your agent tracks the trajectory of your cash consumption to see if spending is increasing.

04 — Data Cleaning

The AI identifies one-time financial anomalies that might skew your monthly burn metrics.

One Click on Vinkius — From Prompt to Execution

Available at vinkius.com/en/ai-agent-connect/burn-rate-analysis — connect your AI agent in three steps.

- 01
- Connect the Burn Rate Analysis MCP to your client via Vinkius.
- 02
- Provide your recent expense and revenue data to your agent.
- 03
- Ask for specific metrics like current burn or projected runway.
- 04
- Review the calculated trends and anomaly reports generated by the AI.

Get your financial data into your AI client and start asking questions immediately.

Built For

This MCP is built for leaders who need to keep a constant eye on their cash position without manual spreadsheet modeling.

Founders

Use the AI to quickly check runway and burn status during board meetings or planning sessions.

Finance Leads

Hand off the repetitive math of burn calculation and anomaly detection to your agent.

Operations Managers

Monitor cash consumption trends to ensure spending stays within projected limits.

What Changes When You Connect

- 01
- Eliminates manual math for gross and net burn calculations.
- 02
- Provides a clear Zero Date prediction based on real spending history.
- 03
- Flags unusual expenses that distort your true monthly burn.

04 Turns raw expense and revenue lists into actionable trend data.

Real-World Applications

Runway Planning

Ask your agent to project how many months of cash remain to decide when to start a new funding round.

Expense Auditing

Use anomaly detection to find large, one-time costs that are making your burn rate look inconsistent.

Monthly Reporting

Get immediate gross and net burn numbers for a specific month to update your financial dashboard.

Trend Monitoring

Check if your cash consumption is accelerating or slowing down over several months.

4 Tools Available

#	TOOL	DESCRIPTION
01	analyze_burn_trends	This tool evaluates how your cash consumption is moving over a specific timeframe. It helps you see if your spending is accelerating or stabilizing.
02	get_current_burn_metrics	This tool calculates your immediate financial status for a given month. It provides the raw gross and net burn numbers you need right now.
03	identify_anomalies	This tool finds one-time expenses or sudden revenue spikes. It prevents outliers from distorting your actual burn rate calculations.
04	project_runway	This tool predicts your Zero Date. It uses your current cash balance and historical burn to estimate how many months of runway you have left.

See It in Action

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

U What is our current financial status for last month with \$50,000 expenses and \$20,000 revenue?



Your gross burn was \$50,000 and your net burn was \$30,000. Your current status is burning.

U Based on \$100,000 cash and a net burn history of [10000, 12000, 11000], how much runway do we have left?



You have approximately 8.7 months of runway remaining.

U Analyze our burn trend with expenses [10, 12, 15, 11] and revenue [2, 3, 4, 3].



The average net burn is 8.5, and the burn trend is increasing with a volatility index of 1.2.

Frequently Asked Questions

01 How does this MCP calculate my runway?

It uses your current cash balance and your historical burn rate to predict your Zero Date, which is when your cash hits zero.

02 Can this tool identify one-time expenses?

Yes, the identify_anomalies tool is designed to find one-time expenses or revenue spikes that would otherwise distort your burn rate.

03 Which AI clients can I use this with?

You can use this MCP with any compatible client, including Claude, Cursor, Windsurf, and VS Code.

04 What is the difference between gross and net burn?

Gross burn is your total monthly spending, while net burn is your total spending minus your total revenue.

05 Do I need to host this myself?

No, Vinkius hosts and manages the MCP for you. You just connect your client and it is ready to use.

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>"burn-rate-analysis": { "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

Burn Rate Analysis 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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Platform	Vinkius Cloud for AI Agents
Endpoint	<code>https://edge.vinkius.com/{token}/mcp</code>

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