

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

Habit Streak Projection MCP

Predict your behavioral patterns and plan for long-term success.

Habit Streak Projection MCP uses stochastic modeling to turn your habit data into actionable predictions. It calculates the probability of hitting specific milestones, estimates how much longer your current streaks will last, and provides specific behavioral strategies to help you recover when you slip up.

A+ Quality Score 100/100

habits

productivity

behavioral

prediction

wellness



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.

Habit Streak Projection MCP

4 tools available

Cloud-hosted on Vinkius

You can stop guessing whether your new routine will actually stick. This MCP acts as a predictive engine for your behavioral goals, using math to model how habits form and fail. Instead of just tracking what you did yesterday, you can ask your AI client to project what happens next. You can find out the likelihood of hitting a 30-day goal or see how much longer a current streak is expected to survive based on your current momentum. When you do break a streak, the MCP provides a recovery plan to help you restart without losing progress. It also models the non-linear way benefits compound over time, so you can see the actual timeline for the rewards of your consistency.

Core Capabilities

01 — Milestone Probability

Your agent uses this to tell you the mathematical odds of hitting a specific target.

02 — Streak Longevity

Your agent uses this to estimate the remaining duration of your current momentum.

03 — Behavioral Recovery

Your agent uses this to generate actionable plans when you miss a day.

04 — Benefit Compounding

Your agent uses this to project the timeline of rewards from your habits.

One Click on Vinkius — From Prompt to Execution

Available at vinkius.com/en/ai-agent-connect/habit-streak-projection — connect your AI agent in three steps.

- 01 Connect the MCP to your preferred client like Claude or Cursor via Vinkius.
- 02 Provide your current habit data or streak status to your agent.
- 03 Ask for a projection, a recovery plan, or a benefit timeline.
- 04 Receive mathematical probabilities and behavioral advice directly in your chat.

You connect the MCP to your AI client and start asking questions about your habit data.

Built For

This is for anyone using an AI agent to manage personal growth or behavioral data.
It turns raw habit logs into predictive insights.

Behavioral Coaches

They hand off client habit data to the AI to generate recovery strategies and progress projections.

Self-Improvement Enthusiasts

They use the MCP to model their own consistency and predict when they will hit major milestones.

Data-Driven Productivity Users

They use the tool to quantify the compounding value of their daily routines.

What Changes When You Connect

- 01 Replaces guesswork with stochastic modeling for habit outcomes.
- 02 Provides specific recovery steps to prevent total habit abandonment.

03 Quantifies the non-linear growth of habit benefits over time.

04 Predicts future streak duration based on current performance.

Real-World Applications

Goal Setting

Ask your agent if your current pace is enough to hit a 90-day goal.

Motivation Tracking

View the projected timeline for compounding benefits to see why staying consistent matters.

Failure Management

Use the recovery plan tool immediately after you miss a scheduled habit.

Risk Assessment

Check your streak survival probability to see how much risk you are taking by skipping a day.

4 Tools Available

#	TOOL	DESCRIPTION
01	calculate_benefit_timeline	This tool calculates the non-linear compounding benefits of a habit. It shows how the value of your consistency grows over time.
02	estimate_streak_survival	This tool estimates how much longer your current streak is likely to last. It uses your current momentum to predict future duration.
03	get_recovery_plan	This tool provides a behavioral strategy to restart or maintain a habit. It gives you a specific plan to follow after a lapse.
04	project_milestone_success	This tool calculates the probability of reaching a target milestone. It uses stochastic modeling to determine your chances of hitting a specific goal.

See It in Action

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

U What is the likelihood I will reach my goal of 30 consecutive days of exercising?



The probability of reaching your 30-day milestone is 65%, with an expected 22 days until the next potential failure.

U How much longer is my current 10-day streak likely to last?



Your current streak has a survival probability of 78% for the next day, with an expected additional duration of 12 days.

U I just broke a 15-day streak. How should I adjust my behavior to restart?



Since you had a significant streak, it is recommended to use Resilience training to focus on the restart rather than the loss.

Frequently Asked Questions

01 How does this MCP predict my habit success?

It uses a stochastic process model to calculate probabilities based on your current streak and performance data.

02 What happens if I break my streak?

You can use the `get_recovery_plan` tool to receive a specific behavioral strategy designed to help you restart.

03 Can I use this with Claude or Cursor?

Yes, you can connect this MCP to any compatible client including Claude, Cursor, and Windsurf.

04 Does it show how much my habits are worth?

It uses the `calculate_benefit_timeline` tool to project the non-linear compounding benefits of your consistency.

05 Is this just a habit tracker?

No, it is a predictive modeling engine that uses your data to forecast future outcomes and recovery paths.

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>"habit-streak-projection": { "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

Habit Streak Projection 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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DOCUMENT INFORMATION

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

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