

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

Community Surf Program Impact MCP

Quantify the social and health value of your surf programs.

Community Surf Program Impact MCP provides a specialized assessment engine to measure the influence of surf-based community programs. It uses standardized methodologies to calculate social impact, health outcomes, and community benefits. Your AI client can use this to evaluate individual progress, program-wide success, demographic equity, and broader community-level advantages.

A+ Quality Score 100/100

surf

impact-assessment

community

health

social-metrics



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.

Community Surf Program Impact MCP

4 tools available

Cloud-hosted on Vinkius

You can now turn raw program data into actionable social impact reports. This MCP gives your AI client the ability to run standardized assessments on surf-based outreach initiatives. Instead of guessing how your programs affect people, you can use your agent to calculate specific health outcomes and community benefits.

Whether you are looking at individual participant progress or trying to see if your program is reaching diverse groups fairly, this MCP handles the heavy lifting. You can pull high-level summaries for specific people or run deep dives into how your program affects the local community at large. It moves your reporting from anecdotal stories to hard data, making it easier to prove the value of your outreach work to stakeholders or donors.

Core Capabilities

01 — Individual Progress Tracking

Your agent uses this to pull specific impact summaries for single participants.

02 — Program Success Audits

Your AI client runs this to determine if a specific program is meeting its goals.

03 — Equity Analysis

Your agent uses this to check if program benefits are distributed evenly across different demographics.

04 — Community Impact Mapping

Your AI client uses this to calculate the broader advantages your program brings to a local area.

One Click on Vinkius — From Prompt to Execution

Available at vinkius.com/en/ai-agent-connect/community-surf-program-impact — connect your AI agent in three steps.

- 01 Connect your preferred MCP-compatible client to Vinkius.
- 02 Point your AI agent toward your program data.
- 03 Ask your agent to run specific impact or effectiveness tools.
- 04 Receive structured data and summaries directly in your chat interface.

Setting up this MCP takes seconds, and once connected, your AI client handles the data processing.

Built For

This MCP is built for organizers and analysts working in community outreach and social wellness.

Program Directors

Hand off data analysis to the AI to generate impact reports for stakeholders.

Social Impact Analysts

Use the agent to run demographic equity checks and community benefit calculations.

Non-profit Managers

Let the AI summarize participant progress and program effectiveness automatically.

What Changes When You Connect

- 01 Standardizes how you measure social and health outcomes.
- 02 Identifies gaps in program equity through demographic comparisons.

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- 03** Converts participant data into high-level impact summaries.
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- 04** Quantifies community-level benefits using a specific index.
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Real-World Applications

Grant Reporting

Use the AI to generate the hard data needed to prove your program's success to donors.

Equity Audits

Check if your surf programs are serving all demographic groups equally.

Participant Reviews

Get quick summaries of how specific individuals are progressing through your program.

Community Value Assessment

Calculate the social capital and health benefits your program adds to a neighborhood.

Patterns to Avoid

Relying on anecdotal evidence

❌ AVOID

You tell a donor that the program feels like it's helping more people this year based on conversations with instructors.

✓ INSTEAD

Use `analyze_program_effectiveness` to get hard data on how the program is actually performing across all participants.

Ignoring demographic gaps

❌ AVOID

You assume your outreach is working because total participation numbers are up.

✓ INSTEAD

Run `compare_demographic_outcomes` to see if specific groups are being left out or if benefits are distributed unevenly.

Vague community reporting

❌ AVOID

You write a report stating that the surf program makes the neighborhood a better place to live.

✓ INSTEAD

Use `assess_community_benefit_index` to provide a specific, quantified value for the social capital your program creates.

The Right Fit

Connect this MCP if you manage community outreach or social wellness programs and need to prove impact to donors. If you only run small, informal hobby groups without reporting requirements, you don't need this.



4 Tools for Measuring Surf Program Impact

These tools turn raw participant data into specific health and community metrics. Use them to audit equity and quantify social value.

#	TOOL	DESCRIPTION
01	analyze_program_effectiveness	This tool evaluates the overall success of a specific surf program across all its participants.
02	get_participant_impact_summary	This tool provides a high-level overview of the impact achieved for a specific participant.
03	assess_community_benefit_index	This tool quantifies the broader community-level advantages derived from the surf program.
04	compare_demographic_outcomes	This tool analyzes how impact differs across various demographic groups to identify equity in program delivery.

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 impact summary for participant P123?



Participant P123 has a social impact score of 85 and a health impact score of 78, with a high level of engagement.

U How effective was program PRG-001?



Program PRG-001 had 50 participants with an average social impact of 72 and an average health impact of 65, resulting in a High effectiveness rating.

U Show me the community benefits for program PRG-001.



Program PRG-001 achieved a social capital index of 75 and a community health benefit score of 68.

Frequently Asked Questions

01 What can this MCP measure?

It measures social impact, health outcomes, and community-level benefits for surf-based programs.

02 Which AI clients can I use with this?

You can use this with any MCP-compatible client like Claude, Cursor, Windsurf, or VS Code.

03 How does it help with program equity?

It includes a tool to compare demographic outcomes, which helps you see if your program is reaching different groups effectively.

04 Do I need to host the MCP myself?

No, Vinkius hosts and manages the MCP for you, so it is ready to use immediately after you connect.

05 Can I get data on a single person?

Yes, you can use the participant impact summary tool to get a high-level overview for any specific individual.

06 How does the server measure social impact?

Social impact is measured by analyzing changes in interpersonal relationships, social cohesion, and the individual sense of community connection through ``get_participant_impact_summary`` and other analysis tools.

07 Can I analyze equity across different groups?

Yes, you can use ``compare_demographic_outcomes`` to identify how impact differs across various demographic categories, ensuring equitable program delivery.

08 Does it include environmental benefits?

Yes, by using ``assess_community_benefit_index`` with the environmental metrics flag enabled, you can retrieve scores for coastal ecosystem benefits.

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>"community-surf-program-impact": { "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

Community Surf Program Impact 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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