

MCP SERVER

NO CODE

CLOUD HOSTED

Depression Screening Scorer MCP

Automate clinical scoring and symptom analysis for mental health assessments.

Depression Screening Scorer is a clinical tool that lets your AI client process PHQ-9 responses. It handles the math for total scores, identifies severity levels, and flags critical symptoms. You can use it to pull specific symptom clusters or check for immediate risk factors, helping you determine necessary levels of care based on standard protocols.

A+ Quality Score 100/100

phq-9

depression

clinical-scoring

mental-health

screening



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.

Depression Screening Scorer MCP

4 tools available

Cloud-hosted on Vinkius

You can use this MCP to turn raw PHQ-9 responses into actionable clinical data. Instead of manually calculating scores or scanning lists for red flags, you let your AI agent handle the heavy lifting. It processes the numerical inputs to determine exact severity categories and provides a granular look at which physiological or emotional domains are most affected. If a patient reports a critical symptom, the tool identifies it immediately, regardless of what the total score says. This makes it a practical way to support clinical decision-making and ensure that high-risk indicators don't get lost in the data. It's built to follow standardized protocols, so the outputs align with established clinical scoring ranges.

Core Capabilities

01 — Automated PHQ-9 Scoring

Your agent uses this to calculate total scores and severity from raw response arrays.

02 — Critical Risk Detection

The AI checks for high-priority flags that demand immediate clinical attention.

03 — Symptom Domain Analysis

Your agent identifies specific physiological or emotional patterns within the assessment data.

04 — Severity Mapping

The tool maps numerical scores to standardized clinical severity categories.

One Click on Vinkius — From Prompt to Execution

Available at vinkius.com/en/ai-agent-connect/depression-screening-scorer — connect your AI agent in three steps.

- 01
- Connect your preferred MCP-compatible client to Vinkius.
- 02
- Provide the PHQ-9 response data to your AI agent.
- 03
- The agent calls the necessary scoring or analysis tools.
- 04
- The MCP returns the calculated scores, severity, or risk flags.
- 05
- Your agent presents the clinical findings to you.

Connecting this MCP to your AI client gives you direct access to clinical scoring tools.

Built For

This MCP is built for mental health professionals who need to process standardized screening tools quickly.

Mental Health Practitioners

They hand off raw screening responses to the AI to get instant severity scores and risk flags.

Clinical Researchers

They use the tool to analyze symptom clusters across large sets of assessment data.

Healthcare Administrators

They use the scoring logic to help determine appropriate levels of care for patients.

What Changes When You Connect

- 01
- Reduces manual calculation errors by automating PHQ-9 scoring.
- 02
- Highlights critical risk items that require immediate intervention.

-
- 03 Provides detailed breakdowns of symptom clusters for deeper analysis.
-
- 04 Standardizes severity categorization based on clinical protocols.
-

Real-World Applications

Rapid Patient Intake

An agent processes a patient's completed PHQ-9 to immediately flag high-risk symptoms for the clinician.

Risk Assessment Automation

The AI scans responses to find critical flags that might be missed during a manual review of total scores.

Clinical Trend Monitoring

You use the symptom cluster tool to see how specific emotional domains change over multiple assessments.

Standardized Reporting

Your agent uses the severity thresholds to categorize patient data for clinical documentation.

4 Tools Available

#	TOOL	DESCRIPTION
01	analyze_symptom_clusters	This tool provides a granular view of which physiological or emotional domains are most affected by the patient's symptoms.
02	evaluate_risk_flags	This tool specifically checks for critical items that require immediate attention, even if the total score is low.
03	get_severity_thresholds	This tool retrieves the specific scoring ranges used to define clinical severity levels.
04	score_phq9	This tool calculates the total depression score and the corresponding severity for a single PHQ-9 assessment.

See It in Action

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

U Score this PHQ-9 assessment: [1, 0, 2, 1, 0, 0, 1, 0, 0]



The total score is 5, which falls into the Minimal depression category.

U Analyze the symptom clusters for these responses: [0, 0, 0, 0, 0, 0, 0, 0, 3]



The analysis shows a high impact in the critical risk domain due to the reported symptom.

U What are the severity thresholds for the USA?



In the USA, the categories are: Minimal (0-4), Mild (5-6), Moderate (7-9), Moderately Severe (10-14), and Severe (15-27).

Frequently Asked Questions

01 What clinical instruments does this MCP support?

This MCP is specifically designed for the PHQ-9 depression screening instrument.

02 Can the AI identify high-risk patients?

Yes, the evaluate_risk_flags tool checks for critical items that require immediate attention regardless of the total score.

03 Which AI clients can I use with this MCP?

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

04 Does it provide symptom-specific details?

Yes, the `analyze_symptom_clusters` tool provides a granular view of affected physiological or emotional domains.

05 How are severity levels determined?

The MCP uses standardized clinical protocols and provides the specific scoring ranges via the `get_severity_thresholds` tool.

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>"depression-screening-scorer": { "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

Depression Screening Scorer 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	https://edge.vinkius.com/{token}/mcp

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