

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

Employee Equity Grant Calculator MCP

Standardize compensation math based on company stage and seniority.

Employee Equity Grant Calculator MCP provides a structured way to handle equity math. It uses role levels, professional experience, and your company's current lifecycle stage to suggest fair, market-competitive grants. You can use it within Claude, Cursor, or Windsurf to manage ownership timelines and ensure you stay within your option pool limits.

A+ Quality Score 100/100

equity

stock-options

compensation

hr-tech

startup-finance



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.

Employee Equity Grant Calculator MCP

4 tools available

Cloud-hosted on Vinkius

Managing equity is high stakes. If you get it wrong, you risk either overpaying or losing top talent. This MCP gives your AI client a mathematical framework to handle these calculations without guesswork. Instead of manual spreadsheets, you can ask your agent to suggest specific percentages for new hires based on their seniority and the company's current stage.

It handles the technical details of ownership. You can generate precise vesting timelines or define how long an employee has to exercise their options after they leave. It also acts as a guardrail for your cap table. By checking your proposed grants against your remaining option pool, it prevents you from over-committing equity you don't actually have. It's a way to bring consistency to your compensation offers while keeping the math grounded in your company's actual resources.

Core Capabilities

01 — Grant Recommendations

Your agent suggests equity percentages based on seniority and company stage.

02 — Vesting Timelines

The AI generates specific ownership schedules for employees.

03 — Post-Separation Rights

Your agent calculates the window for exercising options after an employee leaves.

04 — Pool Validation

The AI checks if a new grant fits within your existing option pool.

One Click on Vinkius — From Prompt to Execution

Available at vinkius.com/en/ai-agent-connect/employee-equity-grant-calculator — connect your AI agent in three steps.

- 01
- Connect the MCP to Claude, Cursor, or Windsurf via Vinkius.
- 02
- Provide your agent with the candidate's seniority and company stage.
- 03
- The agent runs the calculation tools to find the right numbers.
- 04
- Review the suggested grant, vesting schedule, or pool availability.

Connect the MCP to your AI client and start asking for equity calculations immediately.

Built For

This MCP is built for leaders managing compensation and cap tables in growing companies.

Founders

Use the agent to quickly model equity offers for early hires.

HR Managers

Hand off the math for standardizing compensation across different seniority levels.

Finance Leads

Use the tool to ensure new grants don't exceed the available option pool.

What Changes When You Connect

- 01
- Standardizes equity offers across different seniority levels.
- 02
- Prevents over-issuance by validating against the current option pool.
- 03
- Provides consistent vesting and exercise window calculations.

04 Reduces manual math errors in compensation planning.

Real-World Applications

New Hire Offers

Ask your agent for a recommended grant percentage for a specific role and experience level.

Cap Table Management

Verify if a large equity grant will leave enough room in your option pool.

Retention Planning

Generate custom vesting schedules to match specific retention targets.

Offboarding Math

Determine the exercise window for departing employees to ensure compliance with company policy.

4 Tools Available

#	TOOL	DESCRIPTION
01	get_vesting_schedule	Use this to generate a clear timeline for how equity ownership is earned over time.
02	get_exercise_window	This tool defines the specific period an employee has to exercise their options after they leave the company.
03	get_recommended_grant	This tool calculates the specific equity percentage recommended for a new hire based on their role and experience.
04	validate_pool_availability	This tool checks if a proposed equity grant is actually possible given your current company option pool.

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 recommended equity grant for a Senior-Level engineer with 8 years of experience at a Seed stage company?



The recommended equity grant for a Senior-Level engineer with 8 years of experience at a Seed stage company is 0.45%.

U Generate a vesting schedule for a 0.5% grant with a 48-month retention target.



The 0.5% grant will vest over 48 months, with 0.0104% allocated each month.

U How long is the exercise window for a Director-Level employee?



A Director-Level employee has an exercise window of 120 months.

Frequently Asked Questions

01 How does this MCP determine equity percentages?

It uses a framework that looks at the employee's role level, their years of professional experience, and the current stage of the company.

02 Can I use this with Claude or Cursor?

Yes, you can connect this MCP to any compatible client like Claude, Cursor, or Windsurf.

03 Does this help prevent over-issuing stock options?

Yes, the `validate_pool_availability` tool checks proposed grants against your remaining company resources.

04 What kind of vesting schedules can it create?

It can generate timelines for equity ownership based on the specific retention targets you provide.

05 Is this for startups only?

While it is highly useful for startup finance, it is designed for any company using a standardized equity grant framework.

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>"employee-equity-grant-calculator": { "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

Employee Equity Grant Calculator 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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