

MCP SERVER

NO CODE

CLOUD HOSTED

Severance Pay Calculator MCP

Calculate Compliant Termination Payouts Instantly

The Severance Pay Calculator MCP handles precise employee termination math. It computes the full payout package, including final salary balances, proportional 13th-month bonuses, and vacation entitlements. Critically, it determines statutory penalties—like the FGTS multiplier—based on whether the separation was due to cause or a mutual agreement. This tool eliminates manual calculations, ensuring payroll compliance when an employee leaves.

A+ Quality Score 100/100

payroll

severance

employment

calculator

legal



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.

Severance Pay Calculator MCP

3 tools available

Cloud-hosted on Vinkius

When an employee's contract ends, calculating their final payout isn't simple math; it's a legal calculation. The Severance Pay Calculator automates the process of determining accurate and compliant termination packages. It handles everything from proportional 13th-month bonuses to accrued vacation time, ensuring every supplement is accounted for. You feed in basic employee data, select the separation type—whether it was without cause or by agreement—and the MCP returns a full financial breakdown that meets legal standards. Using this tool within your Vinkius catalog connection means you never have to worry about mixing up formulas or missing mandatory penalties again.

Core Capabilities

01 — Determine final salary and bonus amounts

It calculates the remaining earned salary balance alongside proportional 13th-month bonuses.

03 — Apply statutory penalties

It calculates specific financial penalties based on the legal nature of the termination (e.g., without cause vs. resignation).

02 — Calculate vacation payouts

The system determines the total value for both expired and proportionally accrued vacation time, including mandatory supplements.

One Click on Vinkius — From Prompt to Execution

Available at vinkius.com/mcp/severance-pay-calculator — connect your AI agent in three steps.

- 01 Input core employee data, including salary rates and time worked in the current period.
- 02 Specify the exact reason for separation—such as 'without cause' or 'agreement'—to determine applicable penalties.
- 03 The MCP runs all three calculations (salary/bonuses, vacation, penalties) and compiles a single, comprehensive payout report.

The bottom line is that you get one definitive, legally compliant number for the total severance package.

Built For

This MCP is essential for Payroll Specialists and HR Managers who manage employee lifecycles. If calculating final payouts feels like a high-stakes game of statutory tax law every time someone quits, you need this. It moves the complexity out of spreadsheets and into a reliable system.

Payroll Specialist

They use it to validate total payout amounts before submission, ensuring that all proportional bonuses and penalties are correctly applied based on separation type.

HR Manager

They rely on it when managing exit interviews or terminations, providing a clear, compliant financial summary to both the employee and the company's legal team.

What Changes When You Connect

-
- 01 Avoid legal risk by automating penalty determination. The ability to calculate statutory penalties using `calculate_statutory_penalties` ensures you never miss a mandatory multiplier based on the separation type.

 - 02 Get full visibility into accrued time off. Instead of guessing, use `calculate_vacation_payout` to get an accurate total for both expired and proportional vacation bonuses, including all required supplements.

 - 03 Simplify bonus tracking. The `compute_salary_balance_and_bonuses` tool combines the final salary calculation with the complex math of proportional 13th-month pay in one step.

 - 04 Save payroll time. Combine all three calculations—salary/bonuses, vacation, and penalties—to generate a single, trustworthy payout report instantly, rather than cross-referencing three different spreadsheets.

 - 05 Increase compliance confidence. By structuring the calculation around specific separation types (like 'without cause'), your agent provides results that match legal expectations.
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Real-World Applications

Handling a termination without cause

The HR Manager needs to calculate a payout for an employee terminated without cause. They prompt their agent, which uses `calculate_statutory_penalties` and then feeds that result into the salary tools, providing a single total package figure immediately.

Processing a resignation with complex leave

A Payroll Specialist needs to process a resignation. They use the MCP to first run `calculate_vacation_payout` for years of accrued time off, then use `compute_salary_balance_and_bonuses` for the final month's pay and proportional bonuses.

Verifying legal payouts for an agreement

A financial analyst needs to verify a payout based on a mutual agreement. They run the full sequence of calculations, including `calculate_statutory_penalties`, ensuring the final amount is perfectly balanced across all components.

Patterns to Avoid

Missing proportional bonuses

X AVOID

Manually calculating a payout only considers the last month's salary, forgetting that 13th-month bonuses and vacation supplements must be proportional to time worked.

✓ INSTEAD

Use `compute_salary_balance_and_bonuses` for accurate bonus calculation and then run `calculate_vacation_payout` to include all necessary accrued leave supplements.

Ignoring separation type penalties

X AVOID

The payout is calculated assuming a simple resignation, but the true legal penalty requires action due to termination without cause.

✓ INSTEAD

Always start by calling `calculate_statutory_penalties` first. This determines the correct mandatory financial baseline before running salary calculations.

Spreadsheet formula errors

X AVOID

The formulas become unreadable or break when adjusting for different legal supplements (like the constitutional supplement required on vacation payouts).

✓ INSTEAD

Rely entirely on `calculate_vacation_payout`. The MCP handles the complex, multi-layered legal math that keeps spreadsheets unreliable.

The Right Fit

Use this MCP if your primary pain point is calculating final employment severance packages. Specifically, you need to ensure mathematical precision across three distinct financial components: salary/bonuses, vacation time, and statutory penalties. You should use this whenever a contract terminates, regardless of the reason.

Don't use this if you only need simple employee records (like

tracking job titles or department transfers). If your requirement is general HR data management, look for a CRM-type MCP. Also, don't use it just to track standard PTO usage; instead, rely on `calculate_vacation_payout` because its function is specifically about *payout value*, not current balance tracking.

If you can reliably calculate the three components—salary/bonuses, vacation payouts, and penalties—this tool will save your team from legal exposure.

The headache of manual termination math

Today, processing a final payout means juggling multiple spreadsheets. You have to calculate the base salary balance, then separately figure out proportional bonuses and accrued vacation time. On top of that, you need to look up the legal penalty multiplier based on whether the employee resigned or if they were terminated without cause—and every formula has to be manually checked against current labor law.

With this MCP, you feed in the employee data once, select the termination type, and your agent handles all the complexity. You get a single, authoritative final number that is mathematically sound and legally compliant.

Severance Pay Calculator: Get Compliant Payouts

The biggest time sink disappears when you don't have to cross-reference three different calculations. You no longer need separate sheets for basic salary, vacation supplements, and statutory penalties.

Now, the process is linear and reliable. You input the data; the system delivers the total payout. It's that simple.

Severance Pay Calculator with 3 Tools


These tools allow you to calculate the three core components of a severance package: final salary, vacation payouts, and mandatory legal penalties.

#	TOOL	DESCRIPTION
01	<code>compute_salary_balance_and_bonuses</code>	Calculates the remaining earned salary balance along with proportional 13th month bonuses for an employee.
02	<code>calculate_vacation_payout</code>	Determines the total monetary value owed for both expired and proportionally accrued vacation time.
03	<code>calculate_statutory_penalties</code>	Calculates specific mandatory financial penalties based on the official separation type recorded.


See It in Action

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


U How much is my salary balance if I earned \$3000 and worked 15 days in a 30-day month?

 \$1,500.00

U Calculate the vacation payout for a \$2400 salary with 1 year of expired vacation and 6 months of proportional vacation.

 Expired Vacation: \$3,200.00 (including supplement), Proportional Vacation: \$1,600.00 (including supplement).

U What is the penalty for a termination without cause if my FGTS balance is \$5,000?

 \$2,000.00

Frequently Asked Questions

01 How does Severance Pay Calculator handle different termination reasons?

The MCP uses `calculate_statutory_penalties` to determine the correct mandatory financial penalty. You simply select the separation type (e.g., resignation or without cause), and it applies the right multiplier.

02 Can I calculate just the vacation payout with Severance Pay Calculator?

Yes, you can run `calculate_vacation_payout` independently to get an accurate total for all expired and proportional leave time. This tool includes mandatory supplements.

03 Does the Severance Pay Calculator account for 13th-month bonuses?

Absolutely. The `compute_salary_balance_and_bonuses` function ensures that proportional 13th-month bonuses are correctly added to the final salary balance calculation.

04 What if I change employee data midway through using Severance Pay Calculator?

You just update the core employee inputs (salary/days worked) and run the MCP again. It recalculates all components—bonuses, vacation, and penalties—based on the new data.

05 Is this only for salary calculations or does it handle bonuses too?







It handles both. The dedicated `compute_salary_balance_and_bonuses` tool ensures that proportional 13th-month pay is included alongside the final monthly salary balance.

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>"severance-pay-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

Severance Pay 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](https://cloud.vinkius.com) →

vinkius.com · support@vinkius.com

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