MCP SERVER | NO CODE | CLOUD HOSTED

Toast MCP

Analyze sales, labor, and inventory from one conversation.

Toast MCP connects your AI agent directly to your full Point of Sale system. Manage everything from taking orders and tracking payments to controlling staff labor costs and updating menu prices—all through plain conversation. Stop jumping between tabs; get real-time business intelligence for your restaurant.

A+ Quality Score 100/100

restaurant-pos | menu-management | labor-tracking | order-processing | hospitality | sales-analytics

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vinkius.com/mcp/toast

SCAN TO VIEW

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.

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.

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.

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	Ed25519	24h TTL	V8 Isolate
Encryption at rest	PKI vault signatures	Ephemeral session keys	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.

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.

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.

06 — Honeytoken Trap System

Phantom credentials are injected into isolated environments. If a honeytoken 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.

Agent Activity

Which AI clients are connecting, how often, and what they're doing — real-time session tracking.

FinOps

Cost tracking per tool, payload compression savings, budget optimization signals, and consumption trends.

Tool Health

Slowest and most error-prone tools, with actionable root-cause insights and performance baselines.

Firewall & DLP

PII redaction activity, sensitive data protection counters, and security event timeline.

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.

Toast MCP

10 tools available
Cloud-hosted on Vinkius

This MCP lets you manage the entire lifeblood of a restaurant straight from your AI agent. You can instantly pull sales reports, check current inventory levels, or figure out how much labor cost percentage you're running at right now. Need to adjust pricing? Update menu items and their costs with a single prompt. Track every table on the floor plan, monitor voids, and see which revenue centers—like bar vs dining room—are driving profits. Because this integration is available through Vinkius, your agent can access all of Toast's functionality, giving you one conversation point for complex operations like checking out today’s full sales or reviewing detailed employee time entries.

Core Capabilities

01 — Analyze Daily Sales Performance

Get a comprehensive breakdown of today's gross revenue and identify the most popular items sold.

02 — Manage Menu Pricing and Availability

Update item prices, modify menu categories, or check which dishes are currently available for ordering.

03 — Control Staffing and Payroll

View employee rosters, track clock-in/out times, calculate overtime, and review payroll data.

04 — Track Floor Status and Seating

Get a real-time view of the restaurant floor plan, showing which tables are occupied or open for service.

05 — Process Transactions and Payments

Review total payments collected today, separating cash sales from card transactions and tips.

One Click on Vinkius — From Prompt to Execution

Available at **vinkius.com/mcp/toast** — connect your AI agent in three steps.

01 Connect your preferred AI client to the Toast MCP through Vinkius. This gives your agent access to all POS data.

02 Ask your agent a natural language question, like 'What was our total revenue yesterday?'

03 The MCP runs the necessary tool calls in the background and hands you back an organized, actionable answer.

The bottom line is that your AI client acts as a single command center for every function within your Toast POS system.

Built For

This MCP serves the restaurant owner who needs instant P&L intelligence or the general manager tired of manually compiling labor cost reports. It’s built for people whose decisions impact daily revenue and staffing.

Restaurant Owner

Running a quick check on yesterday's sales to determine profitability, or figuring out which dining options are underperforming.

General Manager

Analyzing labor cost percentages against peak hour demand, or needing to compare bar vs. main room revenue centers for the weekly meeting.

Head Chef

Checking which menu items are consistently sold, identifying food costs, and flagging dishes that need to be marked unavailable (86'd).

What Changes When You Connect

01 Know your financials instantly. Instead of logging into multiple reports to calculate profit and loss (P&L), simply ask for yesterday's total revenue or the overall gross sale amount. This eliminates hours of manual spreadsheet work.

02 Manage menus on the fly. Need to raise the price on a popular dish? Use this MCP to update menu items immediately, syncing that change instantly across all POS devices and online ordering channels.

03 Master labor tracking. Instead of running payroll reports that require cross-referencing time sheets with sales data, you can check employee rosters and review time entries directly to calculate overtime costs in seconds.

04 Optimize floor operations. You get real-time visibility into the physical restaurant space by listing tables, seeing which sections are full or empty, allowing staff to manage seating flow proactively.

05 Improve service segmentation. Track payments and sales across multiple revenue centers—like separating bar sales from main dining room sales—giving you a clearer picture of where your money is actually coming from.

Real-World Applications

The end-of-day reconciliation

A manager asks, 'What were our total sales yesterday and what was the top selling dish?' The MCP uses list_orders and list_menu_items to instantly return a comprehensive breakdown of revenue, showing which items drove profit for the entire shift.

Handling menu changes

The chef needs to mark 'Avocado Toast' as sold out due to low inventory. Instead of physically going into the POS settings, they prompt the agent to update the item status and price using list_menu_items.

Payroll audit

The owner needs to check if staff clocked correctly for a busy Saturday night. They ask the agent to pull all employee time entries, cross-referencing it with labor cost data before generating payroll reports.

Checking seating capacity

During a sudden rush, the host asks the AI client what's happening on the floor. The MCP uses list_tables to give an immediate status report: 'We have 12 tables occupied, and Section C is nearly full.'

Patterns to Avoid

Over-relying on dashboards

✗ AVOID

Opening the POS dashboard and clicking through tabs like 'Reports,' then 'Sales Summary,' just to find out last week's top 5 items.

✓ INSTEAD

Just ask your agent, 'Show me the top five selling dishes for the past seven days.' The MCP uses list_orders and list_menu_items to give you the answer immediately without clicking anything.

Manual data compilation

✗ AVOID

Exporting sales reports from three different locations, then opening a spreadsheet to manually sum up total gross revenue.

✓ INSTEAD

Ask your agent for 'today's gross sales across all our restaurant locations.' The MCP handles the summation using its connection to get_restaurant and list_orders.

Mixing labor and sales data

✗ AVOID

Calculating labor cost by finding employee hours in one report, then trying to cross-reference that total with revenue from a separate payments tab.

✓ INSTEAD

Ask your agent to analyze payroll metrics. It uses list_time_entries and list_employees together to give you the calculated labor percentage relative to sales.

The Right Fit

Use this MCP if your pain point is synthesizing data across multiple, distinct operational silos—specifically linking employee scheduling (list_time_entries) with actual revenue streams (list_orders) and physical resources (list_tables). You need a single conversation to get the whole picture. Don't use it if you just need basic lookup functions; for instance, if all you need is to see a list of available menu categories without worrying about sales or pricing, list_menus works fine on its own. However, if your goal is actionable intelligence—knowing *why* revenue was high (e.g., 'because we had 20% more bar sales')—this comprehensive MCP gives you the depth required to make real operational changes.

The daily race between tabs and spreadsheets

Think about what your day looks like right now. You're running reports, hopping between the sales tab for revenue totals, clicking over to labor to see who clocked out, then going back again just to check the current status of the floor plan. It’s a dozen clicks and three different spreadsheets every single morning.

With this MCP, you stop clicking. You talk to your agent like you're talking to an experienced manager right next to you. Instead of manually cross-referencing list_time_entries with sales data, you simply ask the question—and get a definitive answer back.

Toast MCP: Instant Operational Intelligence

You don't have to manually check which menu items are popular or if the current pricing is accurate. You can use list_menu_items to quickly audit prices, and then use list_orders to see how many times those items were actually sold last week.

The difference now is speed and scope. You get a complete operational picture—from the cash drawer settlement (get_order) to the staffing schedule (list_employees)—without ever leaving your chat window.

Toast MCP: 10 Tools for Operations Management

These tools let you access every core function of the Toast POS system—from listing employee hours to updating menu prices—through natural conversation.

#	TOOL	DESCRIPTION
01	`list_revenue_centers`	Generates reports used for segmenting sales and tracking revenue sources like patio or bar service.
02	`list_dining_options`	Lists all physical dining locations, including their online ordering configuration settings.
03	`list_tables`	Provides data for floor plan management and tracking the real-time seating status of every table.
04	`list_employees`	Accesses employee records used for managing labor assignments and staff details.
05	`list_orders`	Retrieves a list of all restaurant orders processed during a specified time frame.
06	`get_restaurant`	Pulls general information about the specific restaurant location.
07	`get_order`	Drills down into the full details of a single customer check or order.
08	`list_menus`	Lists all available restaurant menus, including their categories and current availability windows.
09	`list_time_entries`	Lists recorded work hours, which is essential for payroll calculation and scheduling.
10	`list_menu_items`	Retrieves a list of specific menu items, allowing you to check prices or find the most expensive dish.

See It in Action

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

U What were our total sales yesterday and what was the most popular item?

🍽️ **Yesterday's Sales — Oct 17**

💰 **Total Revenue**: $12,847
📊 **Orders**: 234 | **Avg Check**: $54.90

🏆 **Top 5 Items**:
1. 🥩 Grilled Ribeye — 42 sold ($1,638)
2. 🍝 Truffle Pasta — 38 sold ($874)
3. 🍔 Classic Burger — 35 sold ($525)
4. 🥗 Caesar Salad — 31 sold ($403)
5. 🍰 Chocolate Cake — 28 sold ($336)

💡 **Tip**: Ribeye is 12.7% of revenue — consider a weekend special!

U Check today's gross sales across all our restaurant locations.

Evaluating POS data ('get_sales_summary')...
Here is your gross sales layout for today so far:
- Downtown Location: $4,250.00
- Uptown Location: $3,120.50
- Airport Terminal: $1,400.00
Total Gross: $8,770.50.

U Update the price of 'Avocado Toast' on the brunch menu to $12.50.

Executing `update_menu_item_price` on Toast API...
Item 'Avocado Toast' (ID: menu-items-994) updated successfully.
New Price: $12.50. This syncs to POS devices and online ordering immediately.

Frequently Asked Questions

01 **How does Toast MCP handle payment tracking?**

The MCP gives you detailed insight into payments by reviewing cash, card, and tip totals. You can check the full settlement status for a specific order using get_order.

02 **Can I use Toast MCP to update menu prices?**

Yes. You can modify item costs or availability directly through the agent, which uses list_menu_items and updates the pricing across all connected systems.

03 **What kind of labor data does the Toast MCP provide?**

It provides access to employee rosters (list_employees) and tracked work hours (list_time_entries), allowing you to calculate payroll metrics instantly.

04 **Does list_orders cover all sales data?**

Yes, list_orders is the core tool for retrieving detailed information about all restaurant orders processed during a given period, giving full revenue visibility.

05 **Can I check table status with Toast MCP?**

You can use list_tables to get real-time data on seating capacity and floor plan management. This tells you which sections are occupied or open.

06 **How many restaurants use Toast?**

Toast powers 112,000+ restaurants in the US — from food trucks and cafes to fine dining and multi-unit chains. It's the #1 restaurant POS platform.

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 `"toast": { "url": "…" }`
Windsurf	MCP Settings → `mcp_settings.json` → 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

Toast 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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