

MCP SERVER

NO CODE

CLOUD HOSTED

Tradier MCP

Trade, analyze, and manage your portfolio in conversation.

Tradier connects your AI agent directly to your brokerage account, letting you trade equities and options without leaving your client. You can get real-time quotes, review current holdings, place trades instantly, or pull historical data for deep market analysis—all through natural language commands.

A+ Quality Score 100/100

trading-api

market-data

equities

options-trading

real-time-quotes

brokerage



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.

Tradier MCP

13 tools available

Cloud-hosted on Vinkius

Need to analyze the market but hate switching between ten browser tabs? This MCP connects your agent directly to Tradier, giving you instant access to live trading data and account controls. Instead of logging into a separate terminal just to check balances or pull option chains, you simply ask your AI client. You can fetch real-time prices for multiple stocks, review exactly what's in your portfolio, and execute complex trades—like placing an options order—all within the chat window. If you're building sophisticated financial tools, this MCP provides everything you need to manage account history, check current market hours using the market calendar tool, or find specific symbols just by chatting with it. Vinkius makes connecting these powerful services simple; you connect once and gain access to robust financial tooling for your AI agent.

Core Capabilities

01 — Check Account Status

The MCP retrieves current cash balances, available buying power, and a detailed log of all past transactions.

03 — Execute Trades

Place, monitor the status of, and cancel specific equity or options orders using simple commands.

05 — Research Symbols and Markets

Search for stock ticker symbols by keyword or check the market calendar to confirm trading hours and holidays.

02 — Monitor Holdings

You can instantly view every stock or option contract you currently own in your account.

04 — Analyze Market Data

Fetch live price quotes for multiple symbols, get full option chains, or pull detailed historical price bars (daily, weekly, monthly).

One Click on Vinkius — From Prompt to Execution

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

- 01** First, subscribe to this MCP on Vinkius and provide your unique Tradier Access Token.
- 02** Next, point your AI client at this MCP. Your agent now has the necessary credentials to interact with your brokerage account.
- 03** Finally, ask your agent a question like 'What's the current price for AAPL?' or 'Place a buy order,' and it handles the rest.

The bottom line is you get instant, conversational control over your entire trading workflow without ever leaving your AI client.

Built For

Any professional who spends time managing or analyzing financial assets needs this. It's for the quantitative analyst stuck clicking through dashboards at 2 a.m., and the active trader tired of juggling multiple browser tabs just to place an order.

Financial Analyst

Pulls historical price bars or option chains directly into their analysis workflow, bypassing manual data downloads.

Active Day Trader

Uses the MCP to monitor open positions and place rapid trades without switching between trading platforms.

Quantitative Developer

Integrates live market data feeds into custom agent pipelines or automated financial tools for testing strategies.

What Changes When You Connect

- 01** Check balances and view positions instantly. Instead of manually logging into the web portal to see if you have enough cash or how many shares you own, just ask your agent using `get_account_balances` or `get_account_positions`.

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- 02 Trade without switching screens. You can place an equity trade or set up a complex options order (using `place_order`) and monitor its status via `get_order_status`—all in one continuous conversation with your AI client.

 - 03 Deep dive into market data on demand. Need to compare prices? Fetch real-time quotes using `get_quotes`, then pull historical price bars with `get_historical_data` for deeper analysis.

 - 04 Manage time efficiently. Before launching a trade strategy, use the `get_market_calendar` tool to confirm if the exchange is open and what the current trading hours are. No more guessing about market closures.

 - 05 Analyze options effortlessly. Get full option chains using `get_option_chains` for any underlying stock symbol, letting you analyze strike prices without visiting a dedicated derivatives site.
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Real-World Applications

Reacting to breaking news

A trader sees a major announcement and needs to act fast. They ask their agent for the current price (`get_quotes`) of the affected stock, check if they have enough capital (`get_account_balances`), and immediately place a buy order (`place_order`). The whole sequence happens before the news cycle moves on.

Post-trade review

After placing an order, the user needs confirmation. They ask their agent to check the status of the trade (`get_order_status`) and then use `get_account_history` to confirm that the transaction was recorded correctly in their full account activity log.

Pre-strategy research

An analyst wants to build a backtest. They use the MCP to pull historical data (`get_historical_data`) over several years and also retrieve option chains (`get_option_chains`) for a specific date range, feeding everything into their agent's analysis pipeline.

Account onboarding

A new user connects their accounts. They ask for a summary of what they hold (`get_account_positions`) and want to review the last month's activities using `get_account_history`, eliminating manual statement reviews.

Patterns to Avoid

Mixing up data sources

✗ AVOID

Copying a historical price chart from one website and pasting it into the AI agent, hoping it will understand the structure or perform calculations on it.

✓ INSTEAD

Don't paste images or CSVs. Use `get_historical_data` to let the MCP pull the raw data directly into your agent, ensuring perfect formatting for analysis.

Forgetting order lifecycle

✗ AVOID

Placing an order and then simply waiting hours without checking if it went through or needs adjustment.

✓ INSTEAD

Always check the trade status right away. Use `get_order_status` immediately after placing a trade to confirm its current state.

Overlooking account limits

✗ AVOID

Attempting to place a large order without knowing if the account has sufficient cash or buying power.

✓ INSTEAD

Before executing any trade, always run `get_account_balances`. This confirms both your available funds and overall purchasing power.

The Right Fit

Use this MCP if your core workflow involves real-time financial actions: placing trades, analyzing price movements, or reviewing account activity. You need instant access to live quotes (`get_quotes`) and the ability to execute orders directly through your agent client. Don't use it if you just need general market news—a simple web search is enough. If your goal is building a complex portfolio simulator that needs structured, clean data feeds for backtesting, this MCP is perfect because of tools like `get_historical_data` and `get_option_chains`. However, if you only need to check public company financials (like revenue reports), this tool won't help; you'll need a specialized financial reporting API instead.

The Pain of Manual Market Monitoring

Today, tracking your investments means toggling between several windows: the charting platform for historical data, the separate account portal to check balances, and finally, a dedicated order entry screen to actually execute anything. You spend time copying ticker symbols from one place and pasting them into another just to get quotes.

With this MCP, those steps vanish. You tell your agent what you need—say, 'What's the price of MSFT right now?'—and the data appears instantly, pulling the quote directly into your chat window. It's conversational trading.

Tradier MCP: Trading and Market Data

The manual process of placing trades involves checking balances first (`get_account_balances`), confirming the market is open (`get_market_calendar`), finding the right symbol (`search_symbols`), and then finally submitting the order using `place_order`. Each step requires a different site login or tab.

Now, your agent handles the sequence automatically. You ask it to execute a trade, and it coordinates all those steps—from checking balances to getting quotes—in one single flow. It's just that simple.

Tradier MCP: 13 Tools for Trading Data

Use this collection of tools to check balances, execute trades, fetch real-time quotes, analyze options chains, and access deep historical market data.

#	TOOL	DESCRIPTION
01	<code>get_account_balances</code>	Retrieves your current cash balances and available buying power in the account.
02	<code>get_account_history</code>	Provides a full record of all past trading activity and general account movements.
03	<code>get_account_positions</code>	Shows you a clear list of every stock or option contract currently held in your portfolio.
04	<code>cancel_order</code>	Removes any pending trade orders that haven't been executed yet.
05	<code>create_streaming_session</code>	Sets up a connection so your agent can receive continuous, live data updates.
06	<code>get_historical_data</code>	Fetches past price bars for symbols over customizable timeframes (daily, weekly, monthly).
07	<code>get_market_calendar</code>	Checks the official market schedule to find trading hours and public holidays.
08	<code>get_option_chains</code>	Pulls a detailed list of available options contracts for a specific underlying stock symbol.
09	<code>get_order_status</code>	Checks if a previously placed trade order has been filled, rejected, or is still pending.
10	<code>place_order</code>	Initiates the buying or selling of equity shares or options contracts.
11	<code>get_quotes</code>	Grabs the most recent, real-time price quotes for one or more specified symbols.
12	<code>search_symbols</code>	Searches the brokerage database to find a stock ticker by name or keyword description.
13	<code>get_user_profile</code>	Retrieves basic user information and details about linked financial accounts.

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 current price and daily change for TSLA and MSFT?



I've fetched the quotes for you. TSLA is currently trading at \$242.10 (+1.2%) and MSFT is at \$415.50 (-0.4%). Would you like to see the historical data for either of these?

U Show me all open positions in my account 12345678.



In account 12345678, you currently hold 50 shares of AAPL and 10 contracts of SPY Dec 20 Put. Your total market value for these positions is approximately \$12,400.

U Get the option chain for NVDA expiring on 2025-01-17.



I've retrieved the option chain for NVDA for the Jan 17, 2025 expiration. There are 45 strikes available, ranging from \$100 to \$150. Would you like to filter for specific strikes or see the Greeks for the At-The-Money calls?

Frequently Asked Questions

01 Can I use Tradier MCP to check my current holdings?

Yes, you can view all your open positions by calling `get_account_positions`. This tool tells you exactly what stocks or options contracts are currently in your account.

02 Is the data from `get_quotes` real-time?

The MCP fetches both real-time and delayed quotes depending on symbol availability. If you need continuous feeds, you can use `create_streaming_session` to keep your agent updated.

03 How do I place an options trade using the Tradier MCP?

You use the `place_order` tool. You just need to specify if it's an equity or option order, and provide all necessary details in natural language for your agent.

04 What if I make a mistake on an order?

If you submit an unwanted trade, use the `cancel_order` tool. You can tell the MCP to cancel any pending orders before they execute.

05 Does Tradier MCP help with market analysis?







Absolutely. Beyond live quotes, you can pull full option chains using `get_option_chains` and run deep historical research using `get_historical_data` for backtesting.

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>"tradier": { "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

Tradier 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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