MCP SERVER | NO CODE | CLOUD HOSTED

Kelley Blue Book Valuation MCP

Instantly determine any car's trade-in value or market worth.

Kelley Blue Book Valuation provides real-time vehicle market data and pricing estimates through an MCP connection. Search for cars by make, model, or year, instantly calculate trade-in values using mileage and condition details, and pull technical specifications directly from the KBB database.

A+ Quality Score 100/100

vehicle-valuation | market-data | trade-in-value | automotive-research | pricing-data | car-discovery

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vinkius.com/mcp/kelley-blue-book-valuation

SCAN TO VIEW

The infrastructure that powers AI agents in the real world.

Vinkius connects AI to the world's software through secure, enterprise-grade infrastructure — enabling real-world execution at scale, built on the Model Context Protocol (MCP).

Your AI Connections Run Through Vinkius Cloud

The world's largest managed MCP catalog

Vinkius is the cloud infrastructure where AI agents connect 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.

Kelley Blue Book Valuation MCP

10 tools available
Cloud-hosted on Vinkius

Need to know what a car is really worth? Connect your AI agent to this MCP to access comprehensive vehicle valuation data straight from Kelley Blue Book. You can ask natural language questions like, 'What's the trade-in value for a 2018 Ford Focus with high mileage in Dallas?' and get a precise range immediately. This isn't just searching; it’s pulling market intelligence based on VIN numbers, specific trim levels, or regional pricing shifts. When you connect this MCP via Vinkius, your agent gains access to thousands of structured data points—everything from listing available years to comparing current market trends against historical records. You stop cross-referencing spreadsheets and start getting definitive answers in conversation.

Core Capabilities

01 — Determine estimated trade-in value

Provide mileage, condition, and a ZIP code to get the anticipated private party or dealer sale price range for any vehicle.

02 — Identify specific vehicle models and years

Search across the entire KBB database by listing available makes or models within a given year.

03 — Lookup data using VINs

Use a 17-character Vehicle Identification Number to pull immediate technical specifications and vehicle history details.

04 — Analyze regional pricing shifts

Pull current market trends to understand how local economies or model popularity affect overall car values right now.

One Click on Vinkius — From Prompt to Execution

Available at **vinkius.com/mcp/kelley-blue-book-valuation** — connect your AI agent in three steps.

01 Subscribe to the MCP and provide your KBB API Key in the Vinkius dashboard.

02 Prompt your AI agent with a request—for example, asking for the value of a specific car or listing available models for a year.

03 The connection executes the necessary tool calls and returns structured market data, which your agent then presents as a clear answer.

The bottom line is that you talk to your AI client like talking to an expert appraiser; it handles all the database lookups behind the scenes.

Built For

This MCP solves problems for anyone who deals with vehicle resale or inventory assessment. It's built for auto dealers needing instant trade-in values, financial analysts tracking depreciation curves, and serious buyers who won't trust a single listing price.

Auto Dealer / Inventory Manager

Determining accurate trade-in values quickly to set fair purchase prices for incoming inventory.

Automotive Journalist / Researcher

Tracking market trends and regional pricing shifts to write informed articles about the automotive economy.

Financial Analyst

Monitoring depreciation rates for specific makes or models over time, helping predict asset value changes.

What Changes When You Connect

01 Know the actual trade-in range. Instead of guessing, you input mileage and condition to get a reliable estimated market valuation using `get_vehicle_valuation`.

02 Identify model options instantly. Need to know what was available? You can list makes by year or search for vehicles to narrow down your research using `search_vehicles`.

03 Deep technical dive on any car. Use `get_vehicle_details` to pull every spec—engine size, trim level, features—for a specific model without leaving the chat window.

04 Verify VIN data in seconds. If you have a 17-character Vehicle Identification Number, `get_vehicle_by_vin` pulls all associated specs and history immediately.

05 Stay ahead of market changes. Don't rely on outdated listings; run `get_market_trends` to see how current local factors are impacting pricing right now.

Real-World Applications

Valuing a trade-in car for the dealership

A dealer needs an instant value. They give their agent the VIN and mileage, and the agent uses `get_vehicle_by_vin` followed by `get_vehicle_valuation`. The result is a precise, defensible valuation range they can quote to the seller.

Researching car options for a client

A buyer wants to see what kind of SUVs are available from Toyota in 2023. They prompt their agent, which uses `list_makes_by_year` and then `list_models_by_make`, providing a comprehensive list of options and IDs.

Writing an article on market slowdowns

A financial analyst needs to track how certain models are depreciating across different regions. They use `get_market_trends` multiple times, comparing current data against historical norms to prove their thesis.

Confirming a car's exact trim level

A buyer found an ad for a 'Sport Edition,' but isn't sure what that means. They use `list_vehicle_trims` after identifying the model to see every official body style and trim available.

Patterns to Avoid

Treating it like a simple search engine

✗ AVOID

Asking, 'What is the price of a 2015 Honda Civic?' without providing mileage or condition. This gives vague ranges and lacks specificity.

✓ INSTEAD

To get an accurate number, you must provide context. Use `get_vehicle_valuation` and supply the year, model, expected mileage, and condition (e.g., 'Good') to calculate a precise range.

Only searching by make/model

✗ AVOID

Just listing models for Toyota in 2023 is only half the battle; you need to know if they are available across different body types.

✓ INSTEAD

First, use `list_models_by_make` to get the list. Then, run `list_vehicle_trims` on a specific model to ensure you cover all potential body styles like Sedan or SUV.

Relying on partial data

✗ AVOID

Only having the year and make is useless for valuation; it gives zero insight into engine type or trim.

✓ INSTEAD

If you have a VIN, that's your golden ticket. Use `get_vehicle_by_vin` first. It instantly provides all core specs needed before running any valuation tool.

The Right Fit

Use this MCP if your primary need is accurate market pricing, technical specification deep dives, or comparative data based on industry standards (KBB). You need to know *why* a car costs what it does—is it the trim? Is it the regional trend? If you're only trying to check general availability or looking for basic browsing inspiration, then using a simple web search is enough. Don't use this if your goal is simply to compare prices from three different classified listing websites; that requires a comparison tool, not valuation data. Always reference `get_vehicle_valuation` when money is involved.

The headache of manually appraising used cars today

Right now, if you're an auto dealer or a serious buyer, getting a car’s true worth means hopping between multiple tabs. You check one site for the price range, another to see what trim it is, and maybe a third just to confirm the year's model specs. It takes minutes of clicking, cross-referencing spreadsheets, and manually typing in VINs.

With this MCP connected, you stop the clicks. Your AI agent handles all that legwork automatically. You simply ask: 'What's the best valuation for this car?' and it delivers a comprehensive answer pulling data from multiple KBB sources.

Kelley Blue Book Valuation gives you definitive worth

You don't have to guess at the market. The MCP eliminates the need to manually look up model years, check if a trim is available, or run separate searches for regional pricing shifts.

Now, your AI agent gives you one definitive answer based on comprehensive KBB data, giving you confidence that the price point is accurate and fully supported by market intelligence.

Kelley Blue Book Valuation with 10 Tools

These tools let your agent access the full KBB database to retrieve everything from vehicle VIN details to current market pricing and model availability.

#	TOOL	DESCRIPTION
01	`get_vehicle_by_vin`	Retrieves comprehensive vehicle data using the 17-character Vehicle Identification Number (VIN).
02	`get_market_trends`	Pulls current market trends and regional pricing shifts for automotive segments.
03	`get_vehicle_valuation`	Calculates the estimated market value, including trade-in and private party values, for a specific vehicle.
04	`get_vehicle_details`	Fetches full technical specifications and pricing details, such as trim levels, for any given car model.
05	`list_makes_by_year`	Lists all available makes of vehicles that were produced during a specific year.
06	`list_models_by_make`	Provides a list of vehicle models associated with a specified make and year.
07	`list_trim_styles`	Lists specific body styles, like 'Sedan' or 'SUV', that apply to a given vehicle trim.
08	`list_vehicle_trims`	Generates a list of all available trims for a chosen vehicle model.
09	`list_available_years`	Retrieves a master list of every year currently indexed in the KBB database.
10	`search_vehicles`	Searches the entire catalog to find vehicles by specifying make, model, and target year.

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 trade-in value for a 2020 Honda Civic with 30,000 miles?

Fetching KBB data... For a 2020 Honda Civic in 'Good' condition with 30k miles in ZIP 90210, the estimated trade-in value is between $18,500 and $20,200.

U Search for vehicles models for Toyota in 2023.

Retrieving 2023 Toyota models... I found several models including Camry (ID: 123), Corolla (ID: 456), RAV4 (ID: 789), and Tacoma (ID: 012). Which one would you like to explore?

Frequently Asked Questions

01 **How do I get a trade-in value using Kelley Blue Book Valuation?**

Use the `get_vehicle_valuation` tool. You need to provide three key pieces of information: the car's year/model, its estimated mileage, and its current condition (e.g., 'Good').

02 **Can I find out what models were sold in a specific year?**

Yes, you can use `list_makes_by_year` first to see all brands for that year. Then, run `list_models_by_make` on the brand you care about.

03 **Is `get_vehicle_by_vin` better than searching by make/model?**

Yes, using the VIN is superior because it provides a unique, non-ambiguous data stream. It bypasses potential naming inconsistencies that might occur when only searching by name.

04 **What if I don’t know the year of the car?**

You can start broad by using `list_available_years` to narrow down the time frame, or use a VIN lookup with `get_vehicle_by_vin`, which will provide the exact model year.

05 **Does this MCP help me understand market changes?**

Absolutely. Run `get_market_trends` to pull current data on how regional pricing shifts or specific models are performing in the broader market right now.

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 `"kelley-blue-book-valuation": { "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

Kelley Blue Book Valuation 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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