

MCP SERVER

NO CODE

CLOUD HOSTED

Household Identity Document Index MCP.

Keep your family's sensitive document metadata organized and accessible.

Household Identity Document Index MCP provides a secure way to manage and retrieve identity document metadata for your entire household. Instead of digging through files, you can use your AI client to instantly find where a specific passport is stored, check if a driver's license is still valid, or identify which family members have expired IDs that need immediate renewal.

A+ Quality Score 100/100

identity

household

privacy

documents

management



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.

Household Identity Document Index MCP

4 tools available

Cloud-hosted on Vinkius

Managing physical documents for a household is usually a mess of lost passports and expired IDs. This MCP changes that by creating a structured index of your identity document metadata. You don't store the actual sensitive files here; instead, you index the details that matter for organization and planning.

When you connect this MCP to your AI client, you can treat your household documentation like a searchable database. You can ask your agent to find out which family members need to renew their documents or where a specific birth certificate is kept. It's built to handle the specific metadata needed to keep a household running smoothly without exposing unnecessary sensitive data. Whether you're planning a trip or just trying to find a misplaced ID, your agent can pull the exact information you need in seconds.

Core Capabilities

01 — Identity Tracking

Your agent uses this to pull a list of all documents belonging to a specific person.

02 — Validity Audits

The AI checks expiration dates to see if a document is still legally usable.

03 — Storage Mapping

Your agent identifies exactly where a document is kept and who to ask for it.

04 — Expiration Alerts

The AI scans the index to find any documents that have already expired.

One Click on Vinkius — From Prompt to Execution

Available at vinkius.com/en/ai-agent-connect/household-identity-document-index — connect your AI agent in three steps.

- 01 Connect your preferred MCP-compatible client to Vinkius.
- 02 The Household Identity Document Index MCP becomes available in your client's toolset.
- 03 Input your household data or existing metadata into the index.
- 04 Ask your AI agent questions about document validity, locations, or expiration status.

Setting up the MCP is a one-time process that gives your AI client immediate access to your document index.

Built For

This MCP is designed for heads of households or personal assistants managing complex family documentation.

Personal Assistants

They hand off document tracking and renewal reminders to their AI agent.

Household Managers

They use the AI to quickly locate physical documents for travel or legal needs.

Family Organizers

They rely on the AI to identify which family members have expired identification.

What Changes When You Connect

- 01 Reduces time spent searching for document locations.
- 02 Prevents travel delays by identifying expired IDs.
- 03 Centralizes document metadata for easy retrieval via AI.

04 Maintains privacy by indexing metadata rather than raw files.

Real-World Applications

Travel Planning

Ask your agent to check if everyone in the family has valid passports before booking flights.

Renewal Reminders

Use the AI to generate a list of all documents that need to be renewed this month.

Document Retrieval

Quickly find out which drawer or safe a specific birth certificate is stored in.

Identity Audits

Verify the validity of specific IDs for legal or administrative requirements.

Patterns to Avoid

Storing sensitive files in the index

❌ AVOID

You try to upload a high-resolution scan of a passport directly into the MCP to keep it safe.

✓ INSTEAD

Only index the metadata. Use ``locate_document_access`` to find where the actual physical file or secure digital copy is kept.

Manual expiration tracking

❌ AVOID

You keep a spreadsheet of everyone's ID dates and check it once a month to see what's expired.

✓ INSTEAD

Let your agent do the heavy lifting. Use ``search_expired_documents`` to instantly pull a list of everything that is no longer valid.

Vague document searches

❌ AVOID

You ask your agent to find a document without specifying which family member it belongs to.

✓ INSTEAD

Be specific with your requests. Use ``get_document_by_holder`` to pull a clean list of all documents for a specific person.

The Right Fit

Connect this MCP if you manage a household or a group of people with various travel and legal documents. Do not connect it if you are looking for a secure vault to store actual image files of IDs. The decision rests on whether you need to organize document metadata for quick retrieval rather than digital storage.

Household Identity Document Indexing Tools

These tools allow your agent to manage document metadata, track expiration dates, and map physical storage locations.

#	TOOL	DESCRIPTION
01	check_document_validity	This tool checks if a specific document is still valid by comparing its issuance and expiry dates.
02	get_document_by_holder	This tool retrieves all indexed identity documents for a specific person within a given household.
03	locate_document_access	This tool identifies the storage location of a document and lists the contact person for accessing it.
04	search_expired_documents	This tool finds all documents in a household that have already passed their expiry date.

See It in Action

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

U What documents does John Doe have in his household?



John Doe has a Passport and a Driver's License indexed in the system.

U Is the passport with ID 12345 still valid?



Yes, the passport is valid until December 31, 2028.

U List all expired documents for household HH-987.



The expired documents for household HH-987 are a Birth Certificate (expired 2023-01-15) and a Driver's License (expired 2022-05-20).

Frequently Asked Questions

01 Does this MCP store my actual passport photos?

No, this MCP indexes metadata like expiry dates and storage locations rather than the actual sensitive files.

02 Which AI clients can I use with this MCP?

You can use this MCP with any compatible client like Claude, Cursor, Windsurf, or VS Code.

03 How do I find out where a document is kept?

You can use the `locate_document_access` tool to find the storage location and the contact person.

04 Can I see all expired documents at once?

Yes, the `search_expired_documents` tool identifies all documents in a household that have passed their expiry date.

05 How do I check if a specific person's ID is valid?

You can use `get_document_by_holder` to find their documents and then `check_document_validity` to verify them.

06 How does this server protect privacy?

The server uses privacy-conscious indexing, returning only the minimum necessary metadata required to locate or identify a document without exposing sensitive biometric or full-document data.

07 Can I check if a passport is expired?

Yes, you can use the `check_document_validity` tool to verify the status of a specific document based on its expiry date.

08 How do I find where a document is stored?

You can use the `locate_document_access` tool to identify the storage location and the primary contact for a specific document type.

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>"household-identity-document-index": { "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

Household Identity Document Index 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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