MCP SERVER | NO CODE | CLOUD HOSTED

Family Photo Print Planner MCP

Turn your digital photo albums into organized print orders.

Family Photo Print Planner MCP helps your AI agent manage the logistics of photo printing. It coordinates print quantities from your existing albums, checks pricing and frame options, and calculates a complete plan that stays within your specific budget. You can stop manually calculating costs and start letting your agent handle the math for your next family photo project.

A+ Quality Score 100/100

photo | printing | budgeting | planning | optimization

MAINTAINED BY VINKIUS CLOUD FOR AI AGENTS · OCTOBER 2026
vinkius.com/en/ai-agent-connect/family-photo-print-planner

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.

Family Photo Print Planner MCP

4 tools available
Cloud-hosted on Vinkius

You have hundreds of photos sitting in digital albums, and deciding which ones to print, how many to order, and what frames to buy can be a headache. This MCP changes that by giving your AI client the ability to act as a project manager for your photo printing needs. Instead of you manually checking prices and counting photos, your agent can look through your available albums, compare different print sizes, and find the best frame options. It handles the math of balancing recipient needs against a set budget, ensuring you don't overspend while still making sure everyone gets a copy. Whether you are preparing gifts for a holiday or organizing a family reunion, your agent uses this tool to build a logical, cost-effective plan that covers everything from the paper size to the final frame.

Core Capabilities

01 — Budget Management

Your agent calculates print quantities to ensure you stay under a specific dollar amount.

02 — Album Inventory

The agent identifies which photo albums are available for selection.

03 — Pricing Comparison

Your agent compares different print sizes and frame costs to find the best value.

04 — Gift Planning

The agent matches print quantities to the number of recipients you need to satisfy.

05 — Frame Selection

Your agent evaluates different framing styles to complete a print order plan.

One Click on Vinkius — From Prompt to Execution

Available at **vinkius.com/en/ai-agent-connect/family-photo-print-planner** — connect your AI agent in three steps.

01 Connect the MCP to your preferred client like Claude or Cursor.

02 Ask your agent to look at your available photo albums.

03 Provide your budget and the number of people you want to give prints to.

04 The agent uses the pricing and frame tools to run the numbers.

05 Receive a complete, optimized print and frame plan from your agent.

You connect the MCP to your AI client and start asking questions about your photos and budget.

Built For

This MCP is for anyone managing large collections of digital photos who needs to turn them into physical gifts or decor without the manual math.

Family Organizers

They hand off the task of calculating gift quantities and costs to their agent.

Event Planners

They use the agent to manage photo print budgets for reunions or parties.

Photography Hobbyists

They let the agent handle the logistics of ordering prints for their collections.

What Changes When You Connect

01 Reduces manual math by automating print and frame cost calculations.

02 Prevents overspending by enforcing budget constraints during the planning phase.

03 Speeds up decision making by providing clear print and frame options.

04 Simplifies large orders by coordinating multiple albums into one plan.

Real-World Applications

Holiday Gift Planning

Your agent calculates how many prints you can afford to send to every family member within a set budget.

Family Reunion Decor

The agent plans out print orders from specific event albums to create displays.

Photo Album Digitization Projects

You use the agent to decide which photos from various albums are worth printing based on current pricing.

Budget-Conscious Gifting

The agent finds the cheapest frame and print size combinations to maximize the number of gifts you can buy.

Patterns to Avoid

Manual Budget Guessing

AVOID

You try to estimate how many 5×7 prints you can afford for a holiday gift list without checking actual costs first.

✓ INSTEAD

Let your agent handle the math by using `calculate_print_plan` to find the best combination of prints and frames for your specific budget.

Blind Album Selection

AVOID

You start picking photos for a reunion display before knowing which digital albums are actually organized and ready to use.

✓ INSTEAD

Run `query_available_albums` first to see exactly which collections your agent can access for the project.

Ignoring Frame Costs

AVOID

You pick out beautiful frames for every photo and realize later that the total cost is double what you intended to spend.

✓ INSTEAD

Use `query_frame_options` to see all available styles and their prices before you commit to a specific look.

The Right Fit

Connect this MCP if you manage large digital photo libraries and need to turn them into physical gifts or decor without doing the math yourself. Do not connect it if you only print single photos occasionally. The deciding factor is whether you have a specific budget or a large list of recipients to satisfy.

Family Photo Print Planner Tools for Project Management

These tools give your agent the ability to audit photo albums, check current print and frame pricing, and build complete ordering strategies.

#	TOOL	DESCRIPTION
01	`calculate_print_plan`	This tool generates a complete printing strategy. It calculates the best combination of prints and frames to meet your goals within a specific budget.
02	`query_frame_options`	This tool checks the available framing styles. It returns a list of frame types and their associated costs.
03	`query_available_albums`	This tool looks up your photo collections. It identifies which albums are ready to be used for a printing project.
04	`query_print_pricing`	This tool retrieves current costs for different print sizes. It provides the pricing data needed to build an accurate budget.

See It in Action

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

U I have 5 albums and I want to give prints to 10 people. My budget is $50. What is the best plan using 4×6 prints?

You can provide 10 prints of size 4×6 for a total cost of $42.00, which fits within your $50 budget.

U What are the available frame options and their prices?

The available frames are: Classic Wood ($5.00), Modern Black ($4.00), and Minimalist White ($3.50).

U List all available albums.

The available albums are: 'Summer 2023' (50 photos), 'Family Reunion' (120 photos), and 'Birthday Party' (30 photos).

Frequently Asked Questions

01 **How do I use this MCP with Claude?**

You connect the MCP through the Vinkius platform, which hosts the connection for you. Once connected, you can talk to Claude about your photo printing plans directly.

02 **Can the agent help me stay under a specific budget?**

Yes. The calculate_print_plan tool is designed to find the best combination of prints and frames that fits within your financial constraints.

03 **Does this MCP handle the actual printing?**

No. This MCP is a planning engine. It helps your agent create the plan, quantities, and costs, but it does not place orders with external print shops.

04 **What kind of clients can I use this with?**

You can use this with any MCP-compatible client, including Claude, Cursor, Windsurf, and VS Code.

05 **Can I choose different types of frames?**

Yes. The agent can query available frame options and their prices to include them in your print plan.

06 **How does the budget optimization work?**

The system uses `calculate_print_plan` to prioritize recipient satisfaction by selecting the best print sizes and frame options that fit within your specified budget.

07 **Can I see which albums are available for printing?**

Yes, you can use the `query_available_albums` tool to list all registered photo collections and their contents.

08 **Does the plan include frame costs?**

Yes, if you set the includeFrames parameter to true in `calculate_print_plan`, the engine will attempt to include frames in the optimal plan.

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 `"family-photo-print-planner": { "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

Family Photo Print Planner 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

INDEPENDENT PLATFORM DISCLAIMER

Vinkius is an independent platform and is not affiliated with, endorsed by, sponsored by, verified by, or otherwise authorized by Family Photo Print Planner. All third-party trademarks, logos, and brand names are the property of their respective owners. Their use in this document is strictly for informational purposes to identify service compatibility and interoperability.

DOCUMENT INFORMATION

Generated	October 2026
MCP Server	Family Photo Print Planner MCP
Server ID	`01a0fb69-97e0-7216-9762-a1633c0aa233`
Platform	Vinkius Cloud for AI Agents
Endpoint	`https://edge.vinkius.com/{token}/mcp`

LICENSE & USAGE

This document is generated automatically by the Vinkius PDF Engine. Content reflects the MCP server configuration at the time of generation and may change as updates are deployed. For the most current information, visit vinkius.com/en/ai-agent-connect/family-photo-print-planner.

© 2026 Vinkius · vinkius.com · support@vinkius.com