MCP SERVER | NO CODE | CLOUD HOSTED

Pixso MCP

Manage UI/UX assets through conversation.

Pixso MCP connects your AI client directly to a professional design platform, letting you manage complex UI/UX projects through natural conversation. Instead of clicking through dozens of tabs and file structures, your agent can instantly list all accessible files, audit defined color palettes, or retrieve granular layer details for any project—all without you ever leaving your chat window.

A+ Quality Score 98.33/100

ui-ux-design | collaborative-design | design-systems | prototyping | version-control | design-files

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vinkius.com/mcp/pixso

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.

Pixso MCP

10 tools available
Cloud-hosted on Vinkius

This MCP lets you treat your design workflow like a conversation. You connect it to Vinkius through your AI client and suddenly, complex tasks that used to require navigating the entire Pixso workspace feel simple. Your agent acts as a real-time assistant for any project—whether you're building out a massive design system or just need to verify a single component color code.

Need an overview of what's available? You can ask your agent to list every accessible design file and project right away. If you're working on components, it retrieves granular design nodes and layers so you know the exact UI structure instantly. Need to track who worked on something or when? The MCP lets you check version history for files or look up comments left by team members across multiple projects.

It helps keep your assets organized and your team aligned without manual overhead. It's about making deep, structural design data available through natural language commands.

Core Capabilities

01 — Identify all project assets

List every accessible design file and project across the entire Pixso workspace.

02 — Inspect UI structure details

Retrieve specific, granular design nodes and layers to understand a component's underlying structure.

03 — Audit style guidelines

List defined style elements, including color variables and typography rules, across selected files.

04 — Manage team visibility

View available teams, list all members in an organization, or get a roster of projects assigned to specific teams.

05 — Track design changes and feedback

Check the full version history of any file, or gather recent comments left by team collaborators.

One Click on Vinkius — From Prompt to Execution

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

01 Subscribe to this MCP on Vinkius and enter your Pixso Client ID and Secret.

02 Connect your preferred AI client (Claude, Cursor, or any compatible agent) through the Vinkius platform.

03 Tell your agent exactly what you need—for example, 'list all design files'—and it handles the rest.

The bottom line is you talk to your agent, and it executes complex commands directly within Pixso without you touching the UI.

Built For

This MCP is essential for design teams who spend too much time jumping between project boards just to find one piece of context. It's for Product Managers frustrated by status updates, and Developers who need accurate style details without opening the design tool.

UI/UX Designer

Uses it to automate asset organization, listing files or retrieving specific nodes so they can focus on design, not navigation.

Product Manager

Checks the file comments and project status across multiple teams using natural language queries.

Frontend Developer

Gets precise style information, like color variables or typography rules, directly from their agent to match components accurately.

What Changes When You Connect

01 Instead of digging through folders, your agent lists all design files instantly. You can get a complete inventory of every project asset with one command.

02 Stop guessing where the correct color code is. The MCP audits and lists all defined styles, including primary colors and typography variables, letting you pull exact specs immediately.

03 Track who made what and when. You can check the version history of any file or list organization members to keep everyone aligned on ownership.

04 Understand component structure instantly. The agent retrieves granular design nodes and layers, providing a blueprint view without needing to open the file in the editor.

05 Stay informed about team progress by listing file comments. You get visibility into feedback threads across multiple projects via your AI client.

Real-World Applications

The developer needs style validation

A frontend developer can ask their agent to list styles for 'branding-assets'. The agent responds with the 12 primary color variables and 8 typography rules, allowing them to code components accurately without manually opening the design file.

The PM needs a project status summary

A product manager asks their agent about 'Checkout Flow'. The agent responds by checking the version history and listing recent comments, providing an immediate status update on feedback and milestones.

The designer is starting a new system

A design ops person uses the MCP to list teams and then asks for all projects under 'Design System v1.2'. This gives them a clean, comprehensive overview of where their assets are spread.

Finding that one component detail

Instead of manually clicking into dozens of files to find the nodes for the navigation bar, the agent uses list_nodes on 'Homepage' and returns a structured list of layers, solving the problem in seconds.

Patterns to Avoid

Treating it like a simple file explorer

✗ AVOID

Asking your agent to just 'find files.' This only gives you names, leaving you blind to version control or who commented on the file.

✓ INSTEAD

You need more context. Ask the agent to list_files first, and then follow up by asking for get_file_versions on a specific file name to see its full history.

Focusing only on team structure

✗ AVOID

Only running the list_teams tool. This is useful, but it doesn't help you actually work with design assets.

✓ INSTEAD

Use list_teams to find a project, then use get_project_files to get all assets under that umbrella, giving you both context and deliverables.

Copying styles manually

✗ AVOID

Opening the design file, clicking on a color swatch, reading the hex code, and copy-pasting it into your dev notes. This is tedious and error-prone.

✓ INSTEAD

Use list_styles to audit all defined colors and typography directly from your agent. You get machine-readable data without touching the UI.

The Right Fit

Use this MCP if your job requires you to frequently jump between file structure, style guides, version history, and team comments within Pixso. Specifically, if you often need to know 'What are all my colors?' or 'Who commented on the footer design?', this is for you.

Don't use it if your only goal is to create a brand-new asset from scratch—you still need the core design software for that. Also, if you just want a simple list of users, running get_org_members works, but you'll also be able to do much more with other tools like list_nodes or get_comments. This MCP is about deep context retrieval and coordination, not basic directory browsing.

The design process feels fragmented today.

Right now, if you want to know the status of a component across multiple teams, you have to open Project A, check comments. Then switch to Project B to see its version history. You're clicking through dashboards and tabs, jumping between assets just to piece together one cohesive idea.

With this MCP, your agent handles that switching for you. Instead of manual clicks and tab-switching fatigue, you simply ask the agent about a project in natural language. It gathers the comments, checks the version history, and reports back—you get a single, synthesized answer.

Pixso MCP gives you full asset visibility.

The manual steps that disappear are opening files just to check colors or nodes. You no longer have to remember which file holds the official brand color palette, nor do you need to manually audit every style library across a whole system.

Now, you treat your entire design repository as one searchable knowledge base. The asset details come straight out of the chat window.

Pixso: 10 Tools for Design Management

These tools let your AI agent interact with every part of the Pixso platform, from team organization to granular layer details.

#	TOOL	DESCRIPTION
01	`get_comments`	Retrieves recent comments and feedback left on a specific design file.
02	`get_file`	Fetches detailed metadata about a selected design file.
03	`get_file_versions`	Shows the complete version history and milestones for a specific design asset.
04	`get_org_members`	Lists all people who are members of the current organization workspace.
05	`get_project_files`	Retrieves a list of design files associated with a specific project.
06	`list_files`	Gets a comprehensive inventory of all accessible Pixso design files in your workspace.
07	`list_nodes`	Provides a detailed list of every structural node and layer inside an open design file.
08	`list_styles`	Audits and lists all defined design styles, including color variables and typography settings.
09	`list_team_projects`	Lists the various projects that belong to a specific team group.
10	`list_teams`	Retrieves a list of all active teams within the Pixso workspace.

See It in Action

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

U List all design files in my Pixso workspace.

I've retrieved your Pixso design files. You have 4 active files, including 'Checkout Flow' and 'Design System v1.2'. Which one would you like to explore?

U Show me the comments for file 'pix-8821'.

I've listed the comments for 'pix-8821'. There are 5 recent threads, including feedback on the CTA button color and footer alignment. Would you like a detailed summary?

U Retrieve the style library for design file 'branding-assets'.

I've retrieved the styles for 'branding-assets'. It includes 12 primary color variables and 8 typography styles. Would you like me to list them all for you?

Frequently Asked Questions

01 **How does Pixso MCP help with version control?**

It provides a dedicated tool to get_file_versions, allowing you to check the full history and track every change or milestone for any design file without manually browsing folders.

02 **Can I list all my design files using Pixso MCP?**

Yes. You use list_files to get a comprehensive inventory of every accessible Pixso design asset in your entire workspace, giving you an immediate overview of what exists.

03 **What if I need to find a specific style guide? Does Pixso MCP support it?**

The list_styles tool audits defined styles across your files. You can pull technical details like color variables and typography rules instantly, which is key for developers.

04 **How do I check team assignments with Pixso MCP?**

You use the listing tools to list_teams or list_team_projects. This shows you how projects are organized under specific teams, helping map out ownership quickly.

05 **Does Pixso MCP let me see who left feedback on a file?**

Yes. You use get_comments to retrieve recent comments and the list_nodes tool to understand exactly what structure is being discussed in those comments.

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 `"pixso": { "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

Pixso 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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