

MCP SERVER

NO CODE

CLOUD HOSTED

# TikTok Full Ads MCP

Audit performance and manage campaigns conversationally.

TikTok Full Ads MCP gives your AI agent total control over your entire advertising ecosystem on TikTok. You can list accounts, create campaigns for objectives like conversions or traffic, adjust budgets instantly, audit ad group performance, and run detailed reports without ever logging into the dashboard.

**A+** Quality Score 100/100

campaign-management

ad-performance

social-media-ads

advertiser-accounts

reporting-dashboards

roi-tracking



# 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

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## 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

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## 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

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## 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](https://cloud.vinkius.com) — connect your AI agent in under 60 seconds.

# TikTok Full Ads MCP

17 tools available  
Cloud-hosted on Vinkius

Managing ads across platforms is a mess of dashboards and manual clicks. This MCP connects your agent directly to the TikTok Business API, turning complex campaign management into a simple conversation. You stop clicking through tabs just to check if an ad group is running or what last week's spend was. Now, your agent acts as a real-time strategist for your brand. Need to know exactly how much you spent and where it went? Just ask. Want to verify that the custom audience list is ready for retargeting? Your agent checks it. Whether you run e-commerce sales or just building brand visibility, this MCP lets you audit everything from campaign status to creative asset metadata using natural language commands. Since Vinkius hosts this catalog, connecting your AI client is fast and simple, giving you immediate access to full ad management capabilities.

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## Core Capabilities

### 01 — Get Account Status

Retrieves detailed information about all connected advertiser accounts and their current spending balances.

### 03 — Control Campaign Lifecycle

Creates new campaigns based on specific business goals (like traffic or leads) and allows you to enable, disable, or delete entire ad groups and ads.

### 05 — Audit Targeting Assets

Lists custom audiences for retargeting and checks available video or image assets to ensure creative content is ready.

### 02 — Analyze Ad Performance

Generates advanced reports showing metrics like total spend, impressions, and conversions across custom date ranges and dimensions.

### 04 — Adjust Spending and Visibility

Updates the budgets for existing campaigns or changes the operational status of an ad group or campaign.

# One Click on Vinkius — From Prompt to Execution

Available at [vinkius.com/mcp/tiktok-full-ads](https://vinkius.com/mcp/tiktok-full-ads) — connect your AI agent in three steps.

- 01 Subscribe to this MCP and provide your TikTok Ads Access Token.
- 02 Connect the credentials to any compatible AI client, like Claude or Cursor.
- 03 Tell your agent exactly what you need—for example, 'Get a performance report for last month'—and it executes the query.

The bottom line is that this MCP lets you manage all ad data conversationally, removing the need to navigate multiple dashboards manually.

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## Built For

This is for media buyers and growth engineers who are sick of spending their mornings clicking through tedious reporting tabs. If your job requires auditing spend or checking campaign status across different ad groups, you need this.

### Media Buyer

Monitors daily spend and checks the operational status of multiple ad groups directly from their workflow instead of logging into TikTok.

### Growth Engineer

Verifies that tracking pixels are active and that custom audiences are correctly configured for retargeting before a major campaign launch.

### Marketing Manager

Performs rapid audits of overall campaign performance, pulling detailed reports on ROI and creative assets without manually gathering data from multiple sources.

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## What Changes When You Connect

- 01 Stop logging into dashboards just to check spend. Use `get_advertiser_balance` or `list_campaigns` to get immediate spending and status updates on all ad accounts directly through your agent.

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- 02** Never miss a key metric again. The `get_performance_report` tool lets you pull advanced analytics—like CTR breakdown by ad group ID—with just a conversational prompt, saving hours of spreadsheet work.
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- 03** Control the entire ad lifecycle conversationally. You can use `create_campaign` to launch new efforts or use `update_campaign_status` and `update_ad_group_status` to pause spending instantly when needed.
- 
- 04** Keep your targeting precise by running `list_audiences`. This confirms that custom audiences are available for retargeting, which is critical for e-commerce sales funnels.
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- 05** Manage assets without leaving your chat window. Use `list_ad_videos` or `list_ad_images` to quickly verify if the necessary creative content has been uploaded and is ready to go live.
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## Real-World Applications

### Checking spend across multiple accounts

A media buyer needs to know how much was spent yesterday across their top five ad groups. They ask their agent to run ``get_performance_report`` for the last 24 hours, receiving a summary report showing daily totals and spending breakdowns by ad group ID.

### Setting up a new e-commerce push

A growth engineer wants to launch a catalog sale campaign. They ask their agent to run ``create_campaign``, specifying 'CATALOG\_SALES' as the objective, and then use ``list_ad_images`` to ensure product assets are available.

### Pausing underperforming ads fast

A marketing manager notices one campaign is burning through budget but failing to convert. They instruct their agent to run ``update_ad_status`` on the specific ad and then use ``get_campaign_details`` to verify the status change immediately.

### Debugging tracking issues

A data analyst suspects a conversion path is failing. They ask their agent to run ``track_pixel_event`` with the 'CompletePayment' event, confirming server-side tracking works before blaming the platform.

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# Patterns to Avoid

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## Overcomplicating status checks

### ✗ AVOID

Writing a long prompt: 'Can you please check if all of our ad groups and ads are active, and also give me the campaign budget for last week?' This forces the agent to guess which tools to use.

### ✓ INSTEAD

Be specific. First, ask: 'List all ad groups.' Then follow up with: 'Get details for ad group ID X' or 'Update status for ad group ID Y'. Break down large requests.

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## Forgetting asset verification

### ✗ AVOID

Launching a campaign based on an assumption that the creative is ready, only to find out later there are no videos uploaded.

### ✓ INSTEAD

Always verify assets first. Run `list\_ad\_videos` or `list\_ad\_images` before creating any new content or campaigns.

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## Trying to change budgets without scope

### ✗ AVOID

Saying, 'Change the budget for our main campaign.' This is too vague and the agent can't know which campaign you mean.

### ✓ INSTEAD

Reference specific IDs. Use `update\_campaign\_budget` and provide the exact Campaign ID along with the new dollar amount.

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# The Right Fit

Use this MCP if your workflow requires granular, data-driven actions in TikTok Ads—specifically auditing performance metrics, managing ad assets, or programmatically changing campaign statuses. This is ideal for media buyers and growth engineers who need to run detailed reports using `get_performance_report` or manage the entire lifecycle by calling tools like `update_campaign_status`. Don't use this if you only need basic information (like a simple list of accounts); in that case, a general directory lookup tool might suffice. However, if your process involves making changes to spending, setting up new campaigns using `create_campaign`, or verifying complex tracking events via `track_pixel_event`, this MCP is essential.

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## The manual ad audit cycle kills time.

Right now, checking campaign health means logging into the TikTok Ads dashboard. You click to check overall performance; then you filter down by ad group status. Next, you have to jump tabs to see if your custom audiences are configured correctly for retargeting. Finally, when you need a specific ROI number, you download a CSV and spend an hour cross-referencing dates and IDs.

With this MCP, the same audit takes minutes. You just tell your agent: 'Show me all ad group details and run a performance report comparing last month to this month.' The data—the status, the metrics, the comparisons—appears right in your chat window.

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## TikTok Full Ads MCP gives you real-time control.

Instead of manually navigating between `list_campaigns` and then finding a specific ad group to check its status, you simply ask your agent to verify the entire structure. It checks campaign budgets via `update_campaign_budget`, confirms which ads are running using `get_advertiser_info`, and flags any issues instantly.

Your workflow shifts from clicking through interfaces to commanding outcomes. You tell it what needs fixing—whether it's a budget adjustment or enabling an ad group—and the MCP executes the change directly.

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# TikTok Full Ads with 17 Tools

Use these tools to perform every core function of ad management: from creating new campaigns to generating advanced performance metrics.

#	TOOL	DESCRIPTION
01	<code>get_advertiser_balance</code>	Retrieves the current balance and spending amount for a specific advertiser account.
02	<code>list_ads</code>	Lists every individual ad associated with an advertiser account.
03	<code>list_audiences</code>	Retrieves the list of custom audiences that can be used for retargeting efforts.
04	<code>create_campaign</code>	Sets up a brand new TikTok Ads campaign, choosing an objective like traffic or lead generation.
05	<code>get_ad_group_details</code>	Fetches specific details for any defined ad group within the account.
06	<code>get_advertiser_info</code>	Retrieves comprehensive data and metadata about a whole TikTok advertiser account.
07	<code>get_campaign_details</code>	Gets the full specifications for a specific campaign using its unique ID.
08	<code>update_ad_status</code>	Changes the status of individual ads, allowing you to enable, disable, or delete them.
09	<code>get_performance_report</code>	Generates detailed performance reports with custom metrics based on flexible date ranges and dimensions.
10	<code>list_ad_groups</code>	Lists all active ad groups belonging to an advertiser account.
11	<code>list_campaigns</code>	Retrieves a paginated list of all campaigns associated with the advertiser.
12	<code>list_ad_images</code>	Lists uploaded image assets that are available for use by an advertiser account.
13	<code>list_ad_videos</code>	Lists uploaded video assets available within the advertiser's content library.
14	<code>track_pixel_event</code>	Sends a server-side pixel event, like an 'Add to Cart,' directly to TikTok for tracking purposes.
15	<code>update_ad_group_status</code>	Changes the operational status of an ad group, allowing you to enable, disable, or delete it.

#	TOOL	DESCRIPTION
16	update_campaign_budget	Modifies the spending budget for an already existing campaign.
17	update_campaign_status	Changes the operational status of a whole campaign, enabling or disabling it.

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## See It in Action

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

**U** List all my TikTok advertiser accounts.



I've retrieved your advertiser accounts associated with App ID '12345'. You have 2 accounts: 'Vinkius Global' and 'Vinkius BR'. Which one would you like to audit?

**U** Show me my active campaigns for advertiser ID 67890.



I've found 3 active campaigns in that account: 'Summer Promo', 'App Install Drive', and 'Brand Reveal'. I can provide budget and performance info for each.

**U** Get a performance report for advertiser 67890 for last month.



I've generated the integrated report. Your total spend was \$1,500 with 250,000 impressions and a CTR of 1.2%. Would you like a breakdown by ad group?

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## Frequently Asked Questions

**01 Can I use TikTok Full Ads MCP to see how much money I have left?**

Yes, you can check your current funds by using the `get\_advertiser\_balance` tool. This instantly tells you the remaining spend and overall balance for your ad account.

**02 How do I create a new campaign using TikTok Full Ads MCP?**

You use the `create\_campaign` tool, specifying your desired objective type (like CONVERSIONS or REACH) in your prompt. The agent handles generating the necessary structured data to build the campaign.

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**03 Is TikTok Full Ads MCP good for tracking website conversions?**

Yes. You can use the `track_pixel_event` tool to send a server-side pixel event, like 'AddToCart' or 'ViewContent,' directly back to TikTok for accurate reporting.

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**04 Which tools do I need to check ad group performance?**

You should use `list_ad_groups` first to get a list of all groups, and then use the `get_performance_report` tool, specifying the relevant ad group ID for granular analysis.

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**05 Can I disable ads using this MCP?**

Absolutely. You can run `update_ad_status` to instantly change an individual ad's status, effectively disabling it without needing manual access to the platform.

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# Go Live in 60 Seconds

Get your connection token from [cloud.vinkius.com](https://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 `"tiktok-full-ads": { "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

# TikTok Full Ads 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](https://vinkius.com) · [support@vinkius.com](mailto:support@vinkius.com)

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