

MCP SERVER

NO CODE

CLOUD HOSTED

# Degreed MCP for AI Agents

Tracking employee skill progress and content availability in LXP

Degreed connects your AI agent directly to a major LXP system. It lets you search training catalogs by keyword, track specific employee skill profiles against defined company taxonomies, and monitor completion records for entire departments through conversation.

**A+** Quality Score 100/100

upskilling

skill-tracking

content-discovery

learning-pathways

employee-development

corporate-training



# 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.

# Degreed MCP

10 tools available

Cloud-hosted on Vinkius

Instead of navigating multiple dashboards and manually compiling reports on who finished what course, let your AI client do the heavy lifting. This MCP gives you a full view into your organization's learning landscape. You can ask complex questions—like 'Who needs training in Python by Q3?' or 'What are our top three skill gaps right now?'—and get immediate, structured answers. It pulls together data on available content, current skill levels, and individual progress plans into one conversational stream. Everything is managed through the Vinkius catalog, giving you access to this powerful LXP integration without needing complex coding endpoints. This means your agents can finally give you deep insights into talent development, making learning oversight a simple conversation.

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## Core Capabilities

### 01 — Search for Learning Content

The agent finds courses, articles, and videos across the entire Degreed catalog based on keywords or topics.

### 03 — List Available Learning Materials

The agent pulls metadata for all content available in the catalog, including course types and external links.

### 05 — Identify Core Skill Sets

It retrieves the standardized list of skills and competencies defined by your organization for talent mapping purposes.

### 02 — Analyze User Skill Profiles

You can review a user's full skill data, seeing their assigned ratings and current learning progress within the system.

### 04 — Track User Completion Records

Get a full history of every learning item a specific user has finished, along with completion dates and earned skill points.

### 06 — Monitor Learning Goals

The agent lists active learning plans, showing target completion dates and associated required competencies.

# One Click on Vinkius — From Prompt to Execution

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

- 01 Connect the Degreed MCP to your preferred AI client.
- 02 Authorize access using your specific Degreed Client ID and Secret keys.
- 03 Use natural language prompts—like asking about a team's skill gaps or finding courses on 'Cloud Security'—and the agent performs the lookup.

The bottom line is, you talk to your AI client like talking to an L&D coordinator; it does the data querying and reporting for you.

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## Built For

This MCP is built for Learning & Development (L&D) managers and HR tech professionals who spend too much time building reports in multiple dashboards. It's perfect for Talent Partners trying to map skills across hundreds of employees, or Team Leads needing quick status updates on team training goals.

### Learning & Development Manager

Uses the agent to check learner progress and content availability instantly while running meetings or planning quarterly initiatives.

### Talent Partner

Runs deep analyses on employee skill sets, identifying gaps across departments by querying defined skills and user profiles.

### HR Director

Needs a quick overview of team learning goals and pathway completions without having to pull separate reports from the LXP platform.

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## What Changes When You Connect

- 01 Instantly map skills gaps. Instead of manually cross-referencing spreadsheets, you can ask the agent to compare a team's current skill ratings against required competencies defined by `list_defined_skills`.

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- 02** Stop wasting time on simple data retrieval. Use `search_learning_catalog` to find specific courses in seconds, providing titles and content types without needing to click through dozens of search filters.
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- 03** Get a full picture of individual performance. The agent processes `get_user_profile` to give you not just skill ratings, but also active pathway details and progress percentages for any employee.
- 
- 04** Monitor team momentum automatically. With tools like `list_active_learners`, you can quickly identify who finished what recently, letting managers focus on follow-up instead of tracking completion records.
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- 05** Orchestrate entire development cycles. You can review structured goals using `list_learning_plans` and track how close a user is to meeting their target competency dates.
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## Real-World Applications

### Onboarding New Hires

A new manager needs to know what training resources are available for the 'Sales' department. They ask the agent, which uses `search_learning_catalog` and `list_defined_skills`, getting a prioritized list of mandatory courses and skill gaps in minutes.

### Pathway Completion Check

A team lead needs to check if three employees are on track for their certification goals. The agent pulls data from `list_learning_plans` and combines it with completion history via `list_user_completions`.

### Quarterly Skill Audit

The HR director needs to know if any team has enough senior developers trained on 'React.js'. The agent runs `list_defined_skills` and then checks multiple user profiles using `get_user_profile`, providing a summary of proficiency levels.

### Content Discovery for a Project

A department head starts a project and needs to know which existing training materials cover 'GDPR compliance' and 'Cloud Architecture'. The agent uses `search_learning_catalog` and then calls `get_content_details` on the top results.

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# Patterns to Avoid

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## Comparing Spreadsheets to LXP data

### X AVOID

Manually exporting user lists from Degreed, pasting them into a spreadsheet, and trying to compare skill ratings against another list of required skills.

### ✓ INSTEAD

Let the agent do this automatically. Use ``list_degreed_users`` to pull names, then run ``get_user_profile`` for each person to get their current official skill data directly in conversation.

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## Forgetting Specific Content Details

### X AVOID

Finding a course title via search but having no idea if it's an article or a multi-day video, so the manager has to email L&D for clarification.

### ✓ INSTEAD

After searching, use ``get_content_details`` on that item. You get the duration, associated skill tags, and content format all in one query.

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## Assuming Skill Definition Consistency

### X AVOID

A manager assumes 'Data Science' means the same thing to both Engineering and Marketing, leading to inconsistent training mandates.

### ✓ INSTEAD

Before making decisions, run ``list_defined_skills``. This shows you the single source of truth for skills used across your entire company structure.

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## The Right Fit

Use this MCP if your core challenge is aggregating and analyzing LXP data. If you need to check skill gaps, track user progress against defined goals, or search a large catalog of learning materials by keyword—this tool handles it. It's ideal for Talent Partners and L&D Managers who live in the world of upskilling.

Don't use this if your primary goal is simple communication (e.g., sending Slack messages) or managing physical assets (like inventory). For those tasks, you need a messaging MCP or an ERP-style integration tool instead.

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## Degreed MCP for AI Agents: Managing Corporate Training Needs

Right now, tracking employee learning is a nightmare. You're stuck clicking between the LXP dashboard to see who finished what, then opening HR reports to check their skill ratings, and finally running separate queries just to build a simple gap report. It's hours of manual data wrangling every single week.

With Degreed integrated into your AI workflow, you talk to your agent and it handles the entire process. You can ask it to list all users who have completed 'Advanced SQL' and then pull their current skill profile in one go. What you get is an immediate, actionable report that saves hours of tedious dashboard clicking.

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## Degreed MCP for AI Agents: Analyzing Skill Gap Data

Identifying true skill gaps requires comparing a company's needed competencies against the actual skills listed on employee profiles. This means cross-referencing `list_defined_skills` with multiple user records via `get_user_profile`. It's complex, manual work.

Now, your agent handles that comparison automatically. You ask about gaps for a specific department, and it checks the defined skills against available competencies, giving you a precise list of where training is most needed.

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# Degreed: 10 Tools for Learning Content Management

Use these tools to search the curriculum, analyze user profiles, check skill taxonomies, and monitor all learning progress within Degreed.

#	TOOL	DESCRIPTION
01	<code>get_content_details</code>	Retrieves deep metadata, skill tags, and duration information for a specific learning item.
02	<code>get_user_profile</code>	Pulls the full profile data for a user, including their assigned skill ratings and active pathways.
03	<code>list_active_learners</code>	Lists users who have recently completed learning items within your Degreed workspace.
04	<code>list_learning_content</code>	Returns general metadata for all available learning content, such as titles and providers.
05	<code>list_learning_pathways</code>	Lists curated learning paths, including their stated objectives and total required duration.
06	<code>list_learning_plans</code>	Returns active learning plans, detailing target completion dates and linked core competencies.
07	<code>list_defined_skills</code>	Provides the standardized taxonomy of skills and competencies used across your entire organization for talent mapping.
08	<code>list_user_completions</code>	Generates a history report showing all learning items completed by one user, including timestamps and earned points.
09	<code>list_degreed_users</code>	Lists every registered user in your Degreed organization, along with their professional titles and system IDs.
10	<code>search_learning_catalog</code>	Searches the entire learning catalog by keywords to provide a ranked list of relevant materials.

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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** What's going on with the 'Engineering' team? Who finished their core security module?



### Learning Progress Report: Engineering

- **Completed Learners:** 14 out of 20 members have completed the Security Fundamentals course.
- **Top Performers (Last 7 Days):** John Doe, Jane Smith. Both earned 50 skill points in 'Network Security'.
- **Next Up:** The remaining six employees need to complete the advanced module next week.

**U** I need a list of all learning paths for our new managers.



Here are the top three active leadership pathways available:

1. **Leadership Foundations:** Objective: Build team management skills. Duration: 4 weeks.
2. **Conflict Resolution Mastery:** Objective: Improve difficult conversation handling. Duration: Self-paced (8 hours).
3. **Budgeting for Non-Finance Leads:** Objective: Understand P&L basics. Duration: 2 weeks.

**U** Show me all content related to 'Python' and its details.



I found 5 items matching 'Python'. Here are the top results:

- **Intro to Pandas:** Type: Course. Provider: DataCorp. Duration: 4 hours.
- **Advanced Python Security:** Type: Article. Provider: Internal L&D. Duration: 10 minutes.
- **ML Basics with Python:** Type: Video. Provider: TechStream. Duration: 90 minutes.

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# Frequently Asked Questions

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**01 How does the Degreed MCP help me find out what skills my team is missing?**

It lets you run deep skill gap analyses by comparing your current workforce profiles against the standardized list of company competencies. You get a clear, actionable report on exactly where training needs to focus.

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**02 Can I use the Degreed MCP to check if an employee finished mandatory training?**

Absolutely. The agent checks your user's completion history and active learning plans, confirming if they met their required goals or listing when they need to finish next.

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**03 Is the Degreed MCP useful for finding specific courses quickly?**

Yes. You don't have to use search filters; you just ask your agent a question, and it searches the entire catalog (courses, articles, videos) using keywords for you.

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**04 What kind of data can I pull about an employee from the Degreed MCP?**

You get more than just names. You receive detailed skill ratings, a full list of competencies they hold, and their active progress status on learning pathways.

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**05 Does this MCP help me manage content for different departments?**

Yes. It lets you filter the available content and skills using the defined taxonomy, so you can scope your search to specific teams or functional areas.

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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 `"degreed": { "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

# Degreed 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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