

AI ON THE CLOCK
N° 003 – INFRASTRUCTURE

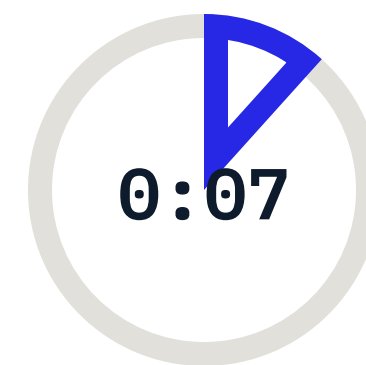


THE STANDARD BEHIND THE AGENTS

MCP.

What it is, where it came from, and why
it became infrastructure.

ONE IDEA • 60 SECONDS • EVERY WEEK

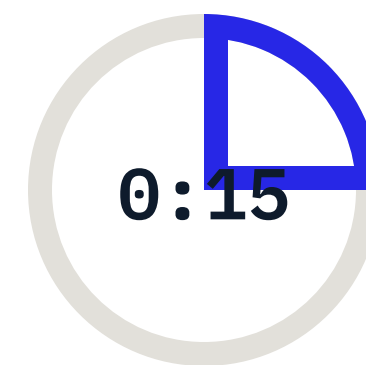


WHAT IT IS

The USB-C port for AI.

Model Context Protocol: an open standard for how AI applications connect to tools and data.

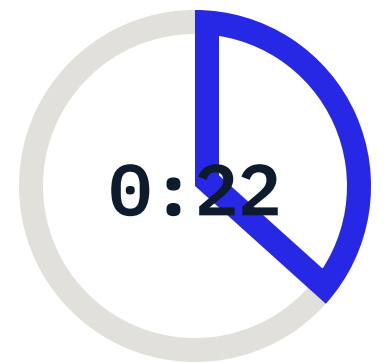
One plug — instead of a different cable for every pair.



WHERE IT CAME FROM

- NOV 2024
Anthropic open-sources MCP
- 2025
Supported across OpenAI, Google,
Microsoft and AWS
- DEC 2025
Donated to the Agentic AI Foundation
(Linux Foundation)
- JUL 2026
New spec ships a stateless core

From one vendor's idea to neutral infrastructure.



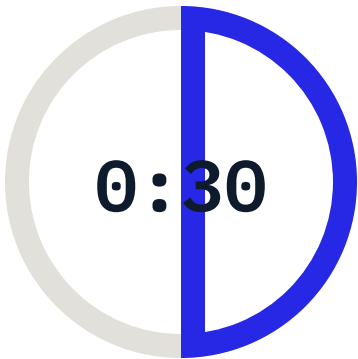
WHY IT MATTERS

Integration was the bottleneck. Not intelligence.

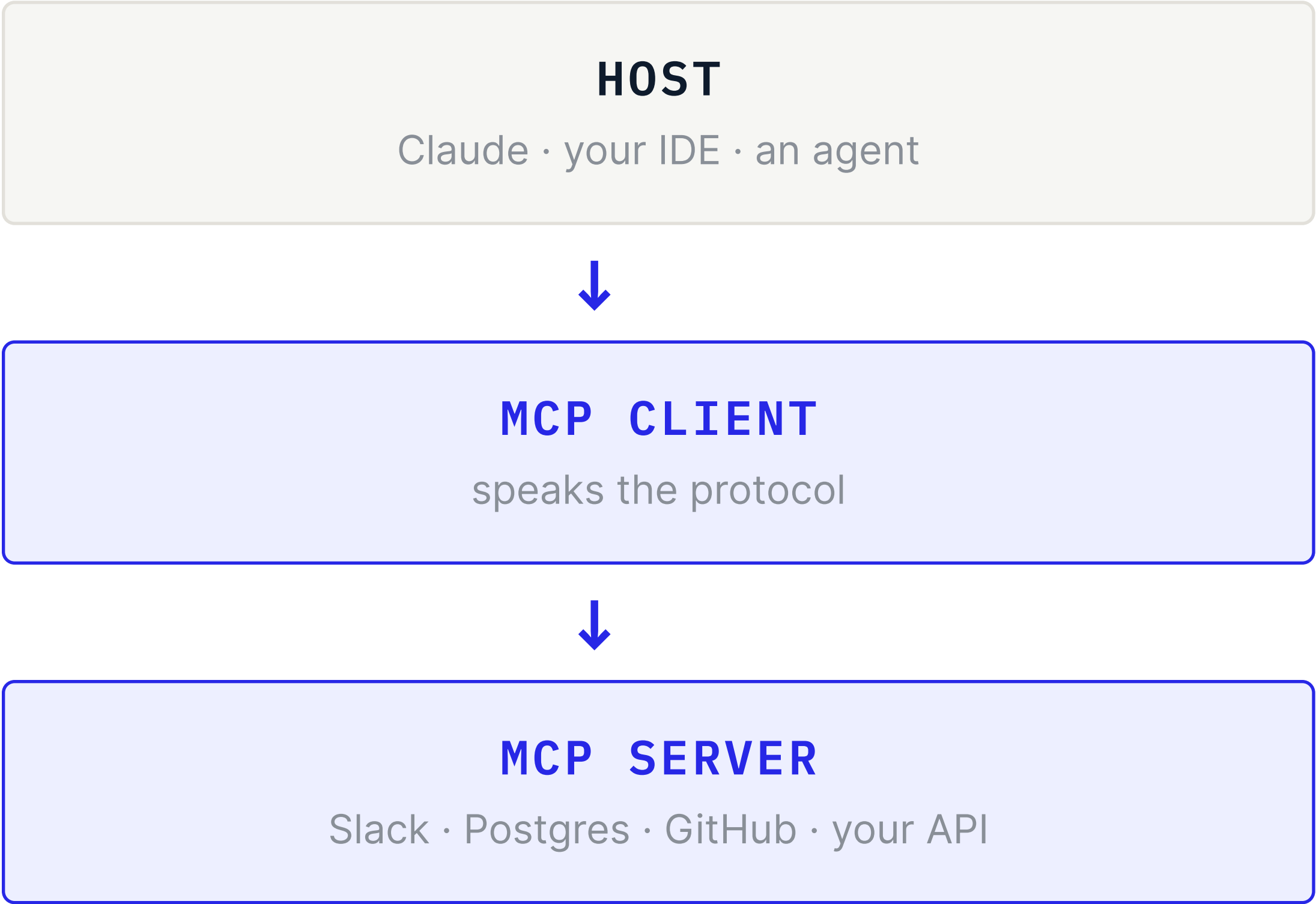
Every AI app needed a custom connector for every system. In most organizations that becomes hundreds of bespoke integrations.

Build once. Connect everywhere.

Swap the model without rewriting every integration.



HOW IT WORKS



JSON-RPC under the hood. stdio locally, HTTP remotely — remote servers typically use OAuth 2.1.



WHAT A SERVER EXPOSES

TOOLS

actions the model can take

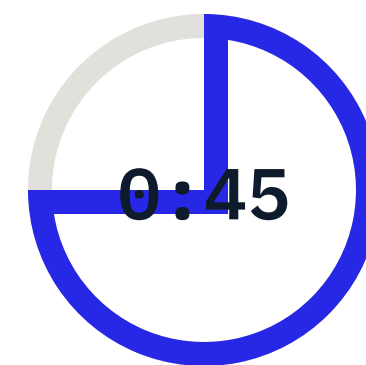
RESOURCES

data it can read

PROMPTS

reusable templates it can call

Clients discover all three at connect time. Nothing hardcoded.



STATE OF PLAY

~500M

monthly SDK downloads
official, Jul 2026

10,000+

public MCP servers
official

~28%

of the Fortune 500
industry reports

41%

of software orgs in production
2026 industry survey

July 2026 spec: no sessions, no handshake — any request can hit any server.

TIME'S UP

The boring layer is the important one.

IF YOU BUILD

Expose your system once, properly.

IF YOU LEAD

Ask vendors: “Do you have an MCP server?”

Save this before your next vendor call.

Follow Mehmet Erkek for AI on the Clock — one idea a week.