LOUST-PRO/outlook-mcp-suite

Source: LOUST · **Status:** Shipped · **Period:** 2025-03 (active)

Twenty-two-tool MCP bridge over Microsoft Graph for Outlook mail, calendar, and contacts — read-only by default, explicit opt-in to mutate.

The challenge

Agentic loops need calendar and mail context to be useful, but giving an LLM free reign over a real inbox is a recipe for a bad day. I needed a bridge that exposed Microsoft Graph capabilities to agents without exposing the inbox itself.

My role

I built a 22-tool MCP bridge over Microsoft Graph where every tool is read-only by default, mutating tools require explicit opt-in, and the broker surfaces the actual API call in response metadata.

What changed

Inbox safety

Baseline: Exposed — agent had free reign

Isolated — broker mediates every call

Agent context coverage

Baseline: About 30% (manual calendar and mail lookups)

About 95% (MCP-mediated access to the full graph)

Audit chain

Baseline: Opaque — no record of which calls fired

Per-call intent log, replayable

Stack

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