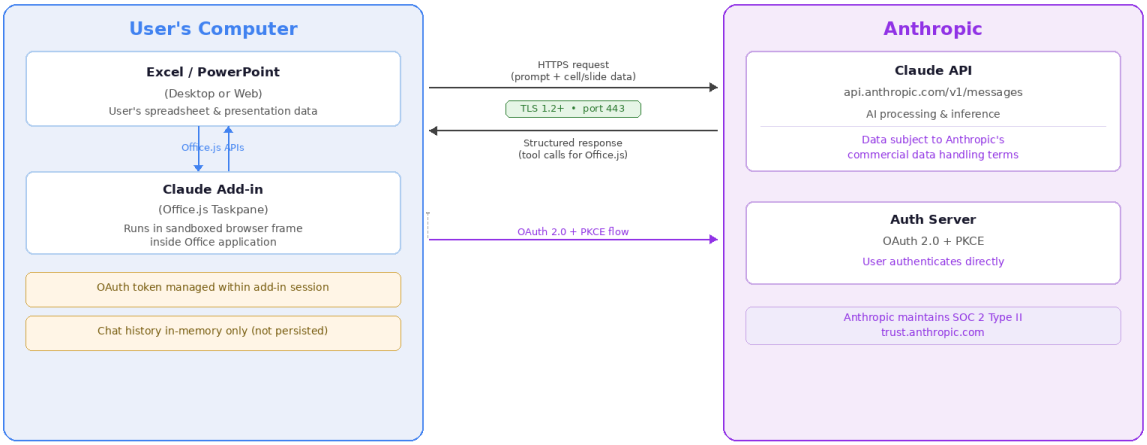
Claude in Excel & PowerPoint

Security & Architecture Overview

Product Overview

Claude in Excel and Claude in PowerPoint are Microsoft 365 Add-ins that bring Anthropic's Claude AI directly into spreadsheet and presentation workflows. The add-ins run as taskpane web panels inside Office applications and communicate with Anthropic's API to execute AI-assisted tasks such as data analysis, formula generation, slide creation, and content editing.

Architecture & Data Flow



Authentication

- **OAuth 2.0 with PKCE** — industry-standard protocol (RFC 6749 / 7636). Users authenticate directly with Anthropic; the add-in does not handle user credentials.
- Short-lived access tokens (1 hr) with refresh tokens that expire after 30 days. No API keys or secrets are stored in the manifest or in Excel/PowerPoint files.

Data Handling & Privacy

- **Chat history is in-memory only.** Conversation state is not saved between sessions. When the add-in panel is closed, chat history is discarded.
- **API data handling.** Worksheet and slide content sent to Anthropic's API is subject to Anthropic's commercial data handling terms. For details, see **anthropic.com/policies**.
- **All traffic encrypted via TLS 1.2+.** Anthropic maintains SOC 2 Type II certification. Details at **trust.anthropic.com**.

Deployment & Network Requirements

- **Microsoft 365 Add-in** — deployed via Microsoft 365 Admin Center or downloaded from Microsoft's AppSource Marketplace. No desktop software installation required. Works in Excel/PowerPoint on Web, Windows, and Mac.
- **Network:** outbound HTTPS (port 443) to Anthropic endpoints. Standard enterprise firewall rules are sufficient.
- **Admin controls:** IT admins can control add-in availability via Microsoft 365 admin policies and manage user access through Anthropic's admin console.