

Connecting an AI assistant (MCP)

Consibio Cloud has an MCP (Model Context Protocol) server that lets AI assistants — like Claude — work with your projects directly: reading live and historical measurements, checking device status, and managing alarms, all with your own account's permissions.

What you need

- A Consibio Cloud account.
- A Consibio API token (a *Bearer token*). See [Consibio Cloud API](#) for how to get one.
- An MCP-capable assistant, e.g. Claude (Desktop app or claude.ai).

Connect Claude Desktop

1. Open your Claude Desktop configuration file:

- macOS: ~/Library/Application Support/Claude/claude_desktop_config.json
- Windows: %APPDATA%\Claude\claude_desktop_config.json

2. Add the Consibio Cloud MCP server, replacing YOUR_TOKEN with your API token:

```
{
  "mcpServers": {
    "consibio-cloud": {
      "type": "http",
      "url": "https://mcp.consibio.cloud/mcp",
      "headers": {
        "Authorization": "Bearer YOUR_TOKEN"
      }
    }
  }
}
```

3. Restart Claude Desktop. The Consibio Cloud tools appear in the tools menu.

Other MCP clients work the same way: point them at `https://mcp.consibio.cloud/mcp` (streamable HTTP transport) with an `Authorization: Bearer YOUR_TOKEN` header.

What the assistant can do

The MCP server exposes the Consibio Cloud API as tools, so the assistant can — within your account's permissions — for example:

- list your projects, devices and elements,
- read live values and historical datalog,
- check device health and uptime,
- create and manage alarms, reports and widgets.

Try prompts like *"What's the current temperature in my greenhouse project?"* or *"Which of my devices have been offline in the last 24 hours?"*.

Security notes

- The assistant acts **as you**: it can only see projects you're a member of, and its writes are limited by your role.
- Treat your API token like a password. Don't share configs containing it, and revoke it if it leaks.

Troubleshooting

- **The tools don't appear** — check the config file is valid JSON and restart the client.
- **Authentication errors** — your token may have expired; generate a new one (see [Consibio Cloud API](#)).

Still stuck? Contact support@consibio.com.