

# Beyond Autocomplete: The Piset Architectural Advantage

Why Enterprise Engineering Teams Choose the "Glass Box" over Black Box Agents.

Feature	Piset	GitHub Copilot	Cursor / Windsurf	Devin / Agents	JetBrains AI
Core Philosophy	Architectural Partner (Glass Box)	Autocomplete / Tactical	Editor-First / Assistant	Autonomous Engineer (Black Box)	Autocomplete / Tactical
Data Privacy	Zero Retention (Ephemeral)	Varies (Business vs Individual)	Varies ("Privacy Mode" Toggles)	High Risk (Cloud Execution)	Cloud Proxy
Repo-Wide Context	2M+ Tokens (Full Repo Awareness)	Limited (Focus on open tabs, RAG/Snippet based)	High (Via Composer)	High (Agent exploration)	Medium (RAG based)
Visual Capabilities	Native Multimodal (Screenshots/UI input)	No (Text Only)	Limited (Image to Text)	Limited (Browser Vision)	No
Platform Flexibility	IDE Agnostic (VS Code & IntelliJ)	Extension	Requires New Editor (Forked VS Code)	Web Interface / Sandbox	IntelliJ Only
Real-Time Control	100% Control (Director Mode)	High (Autocomplete)	High (Chat)	Low (Fire and Forget Black Box)	High (Chat)

## GitHub Copilot & JetBrains AI (The "Standard" Options)

- The Limitation:** These tools are "Next Token Predictors." They are excellent at **guessing the next 5 lines of code** based on the file you are currently editing.
- The Piset Difference:** Piset is a "System Thinker." Because we use Gemini 3 Pro/Flash with a massive context window, Piset reads your **entire repository** before answering. Hence, it is able to refactor a whole Service and 15 other related files, ensuring type safety across the board. (Copilot fails here).

## Cursor & Windsurf (The "Editor" Options)

- The Limitation:** These require your team to **uninstall VS Code** and install a "Forked" editor. This creates vendor lock-in and **breaks** approved corporate IT **tooling lists and security patch cycles**.
- The Piset Difference:** Piset is a plugin. You keep your approved IDE (VS Code or IntelliJ). You get the **"AI Native" power** without the IT procurement nightmare of switching software vendors.

## Devin (Autonomous Agents) & CLI Tools

- The Limitation:** These tools often run in a "Black Box." You give a prompt, wait 10 minutes, and hope the code works. If it fails, debugging the AI is **harder than debugging the code** (or requires blind command-line execution).
- The Piset Difference:** The **Glass Box**. You watch the plan form in real-time. You intercept the logic **before** code is written. It is faster to iterate than to wait for an autonomous agent to fail.



- Model:** Powered by Google Gemini 3 Models (Enterprise API).
- Data Governance:** **Zero Retention Policy.** Code snippets sent to the API are used for inference only and are immediately discarded.
- Training:** Piset **NEVER** uses customer code to train our models.
- Transit:** TLS 1.3 Encryption.