

# Your Mobile Team Is 40% Less Productive Than It Could Be. Here Is the Proof.

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I am not talking about your engineers being slow. I am talking about the tools they are using — or more precisely, the tools they are not using. In 2024, I started measuring what actually changed after our Android team adopted AI development tools at Procore. Not anecdotes. Tracked metrics, before and after, over six months. The number that stood out: 40% reduction in time-to-merge for feature branches.

## What We Measured

- PR cycle time (first commit to merge): dropped from 3.2 days to 1.9 days
- Component implementation time: dropped 70% after implementing Figma Code Connect
- Review comment volume per PR: dropped 35% (more issues caught before human review)
- Defect escape rate: dropped 28%

These are averages across the full team, including engineers who were initially skeptical and adopted the tools slowly.

## Where the 40% Comes From

The productivity gain does not come from engineers typing faster. It comes from eliminating the gaps between typing. Without AI tools, roughly 70% of an engineer's time goes to reading existing code, writing boilerplate, waiting for review feedback, and documentation. AI tools compress all four of these categories. The 30% that is genuinely creative — designing the solution, making architecture decisions — stays human. Everything around it becomes faster.

## Why Most Teams Have Not Made This Move

### "We tried it and it did not stick."

Usually this means tools were introduced without changing the workflow around them. AI tools require a new workflow, not just new tools on top of the old one. A two-week trial is not

enough — it takes 6-8 weeks for a team to genuinely adapt.

### "I am not sure it is worth the cost."

GitHub Copilot is approximately \$19 per engineer per month. If a single engineer saves 40% of their time, and a mid-level Android engineer costs the company roughly \$15,000 per month fully loaded, the ROI calculation takes about 30 seconds.

### "My team is already good."

Your team is good. An AI-augmented version of your team would be better. This is not about compensating for weak engineers — it is about removing friction from strong ones.

**Pick three engineers who are already curious. Give them Cursor and Copilot. Ask them to use them on their next sprint normally, without changing anything else. Measure cycle time. The numbers will speak for themselves.**



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