

The IT Pro Transformation

How GitHub Copilot Changes Infrastructure Development

BEFORE COPILOT

1	Research Documentation <i>Searching Azure docs, Stack Overflow</i>	15-30 min
2	Find & Adapt Examples <i>Copy-paste, trial and error</i>	20-40 min
3	Write Infrastructure Code <i>Manual Bicep/Terraform authoring</i>	30-60 min
4	Debug Deployment Errors <i>Cryptic error messages</i>	15-45 min
5	Add Security Controls <i>Often forgotten or incomplete</i>	20-30 min
6	Write Documentation <i>Usually skipped or outdated</i>	30-60 min

TOTAL: 2-4 hours per task

⊗ Frustrating • ☐ Repetitive • ☐ Error-prone

GitHub
Copilot

WITH COPILOT

1	Describe Your Intent <i>Natural language prompt</i>	2 min
2	Review AI Suggestions <i>Context-aware code generation</i>	3 min
3	Refine & Customize <i>Iterative improvement</i>	5 min
4	Validate & Deploy <i>Built-in best practices</i>	5 min
☐	Security Built-In: Best practices by default	
☐	Auto-Documentation: Generated as you code	
☐	Consistent Quality: Follows your patterns	

TOTAL: 15-20 minutes per task

☑ Fast • ☑ Consistent • ☑ Secure

78%

Time Saved

on IaC development

83%

Faster

documentation

10+

Hours/Week

recovered per IT Pro

Week 1

Break-Even

on investment