PCI Scope Agent

Finds payment card data across code, logs and exports, masks it on the spot, and tells you what is real, what is test data and what only looks like a card. Runs inside your environment.

> **$864K** at risk, found, fixed with the owner's yes and proved by rescan, in the demonstration on a fictional company

WHAT AI ADDS OVER TODAY'S TOOLS

- **Tells real card data from test cards and look-alikes**
  Reads the context, gives a reason
- **Names the system, owner and PCI DSS requirement for each finding**
- **Puts a dollar figure on each finding**
  Revenue at risk, penalties
- **Fixes the source so it stops happening**
  Drafts the pull request
- **Drafts the self-assessment sections and the assessor's evidence pack**
  A draft for review

HOW IT WORKS

Scan	Plain code first
Mask	Before anything else sees it
Judge	The agent reads the context
Fix	It writes the fix
Approve	Nothing risky without a yes
Prove and document	Rescan, then the paperwork

WHERE IT RUNS

- **In your environment.** A container with read-only access. Card data never leaves your network.
- **Masked end to end.** The agent only ever sees first six and last four digits.
- **Every step logged.** The log of what it read and decided becomes scope evidence.
- **A guard on every change.** Pull-request review for code; the owner's yes and a verified, encrypted backup before any data is masked or deleted.

PEOPLE'S HOURS, FROM START TO SIGNED ASSESSMENT

By hand	220 h	$33K
A scanner and people	188 h	$28K
Agent and people	**42 h**	**$6K**

81% fewer hours than by hand; 78% fewer than with a scanner and people.

WHAT IT'S WORTH

- **$864K** Revenue at risk now: card data in checkout logs and in-store terminal backups, if either had to go offline 12 hours to contain a leak
- **$150K** Penalties avoided: stored card data found six months before the assessment, at an assumed $25K a month
- **$36K** Assessment cost avoided each year: four systems removed from scope instead of secured and tested

THE ENGAGEMENT · TYPICALLY READY IN 6 WEEKS

Week 1	Connect
Weeks 1–2	Scope
Weeks 3–5	Fix
Week 6	Prove and hand over

People decide. The agent finds, judges, drafts and proves. Every fix, boundary and status is a proposal until its owner accepts it, and a person signs every assessment.

Figures are estimates for a fictional company, with every assumption shown on the agent's page. Categories of tools, not products; individual tools vary. Verify against your environment.