ASSURE · A FOUR-WEEK TRIAL

Test Assure on flaws you planted.

A trial on practice projects, judged by whether Assure finds, explains and double-checks the flaws you know are there.

The question a trial should answer is simple: **when Assure raises a warning, can the person accepting the release risk see the exact line, how thoroughly it was checked, and who agreed it was real?**

Assure is an engineering candidate, not a finished product. It reads software written in two programming languages, JavaScript and TypeScript, and has only been tried on practice projects. It is not yet approved for your source code, for installation at your site, or for production use. So the trial runs on practice projects, never on your own code. Before you start, ask your engineers whether your software is written in JavaScript or TypeScript; if it is not, the trial will not tell you much about your own releases.

In the first week, work with QASO to set Assure up for the trial, away from your own systems. Your engineers build one or two practice projects that resemble your software and plant flaws they already understand. They write the list down before the first check.

In the second week, run Assure on those projects. For each planted flaw, see whether it points to the right line, explains the risk clearly and suggests a sensible fix, and read how far it got through the three automatic checks. Note anything it missed.

In the third week, ask two engineers to review the warnings separately and record their decisions. Leave one warning with no reviewer and one with nobody assigned to fix it, so everyone can see what a missing name looks like.

In the fourth week, compare the results with the checking tool you use today, on the same practice projects. Then sit with the person who would accept a release like Thursday's and ask whether they would ship or wait on what Assure shows: the line, the three checks and a named reviewer. Decide whether to continue, and write down why.

Four weeks is a suggestion; agree the scope and the people involved with your engineering team.