

01 / THE CUSTOMER RISK

Would you risk a \$30,000 board on the first physical press?

Nominal PCB CAD cannot reveal the as-built height profile. Placement, soldering and lead-cut variation create interference risk at hundreds of locations.

01 As-built geometry varies

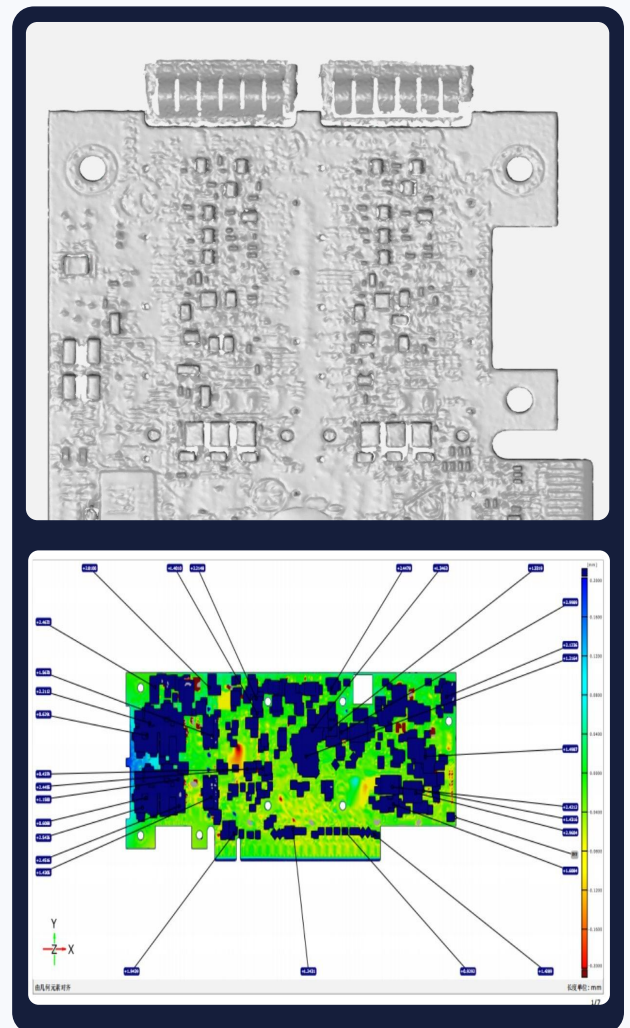
Component heights span 0.5–30 mm. Real placement, soldering and lead-cut variation create a dense, uneven surface.

02 No safe physical trial

One unintended fixture contact can crush a component. Trial pressing introduces the damage risk it is meant to detect.

03 Manual checks leave blind spots

Isolated height checks cannot prove point-by-point clearance across the complete populated board.



THE COST OF ONE MISS

**A \$20,000–\$30,000 PCB
can be lost in one press.**

02 / THE SOLUTION

Scan the real board. Press only after it passes.

SCANOLOGY KSCAN captures the populated PCB non-contact. The as-built scan is aligned with fixture CAD in GOM, so interference is corrected before the first physical press.

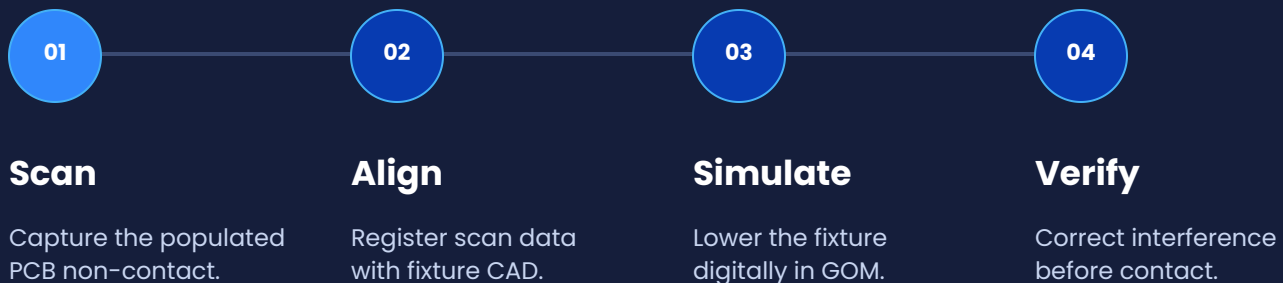
SCANOLOGY KSCAN



PROVEN IMPACT

- **ZERO physical damage**
- **0.010 mm fine-mode resolution**
- **DAYS TO HOURS scan-to-report**

WORKFLOW



NEXT STEP

Protect your next PCB – talk to a SCANOLOGY expert.