

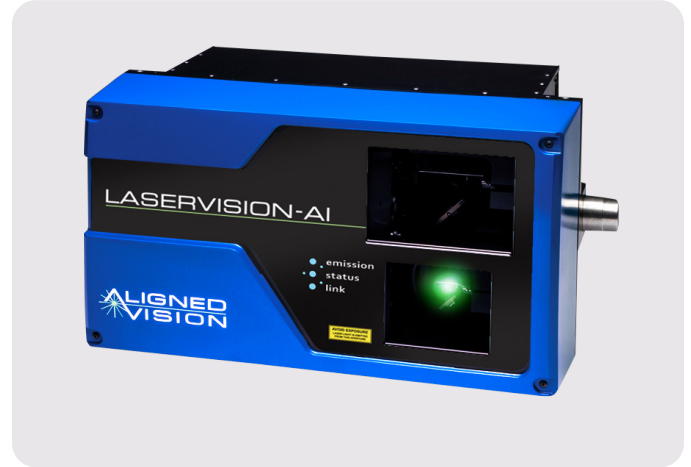
SOLUTION

LASERVISION-AI

AI-powered weld guidance & inspection.

LaserVision-AI transforms welding from a manual, error-prone process into a smart, guided operation. Laser-based templates and real-time inspection help your team deliver consistent, high-quality welds with less training, greater speed and less scrap.

Project and Inspect.



ELIMINATE MANUAL ERRORS

- + Directs and verifies placement of backing bars, inserts, fixtures and brackets before welding starts.
- + Ensures assemblies are complete.
- + Prevents missing parts and downstream issues.

INCREASE FIRST-PASS YIELD

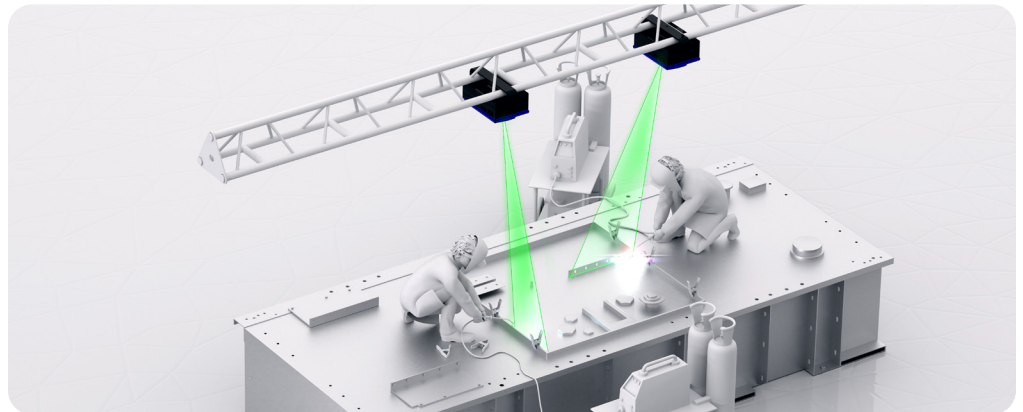
- + Verifies part and torch position against your CAD models.
- + Guides and confirms fit-up before and during weld.
- + Steers operators away from alignment errors.

CATCH WELD DEFECTS BEFORE THEY COST YOU

- + Detects weld presence or absence and pass/fail quality using AI trained on specific weld types.
- + 99.9%+ accuracy in real-time defect detection.
- + Cut scrap rates. Eliminate costly rework.

SIMPLIFY OPERATOR TASKS & TRAINING

- + Step-by-step laser instructions projected directly onto the part.
- + Permanently replaces paper drawings and setup guides.
- + Gets new operators up to speed faster.



AUTOMATE YOUR WELD REPORTS

- + Automatically generates reports for every weld.
- + Includes images, pass/fail data, and operator notes.
- + Speeds up audit and streamlines compliance.

KEY INSIGHTS

- + **Boost production by up to 80%**
Laser cues and real-time inspection cut production delays.
- + **Drastically reduce rework & scrap**
Real-time defect detection eliminates quality escapes.
- + **Accelerate operator onboarding**
Visual laser cues simplify and shorten training.

