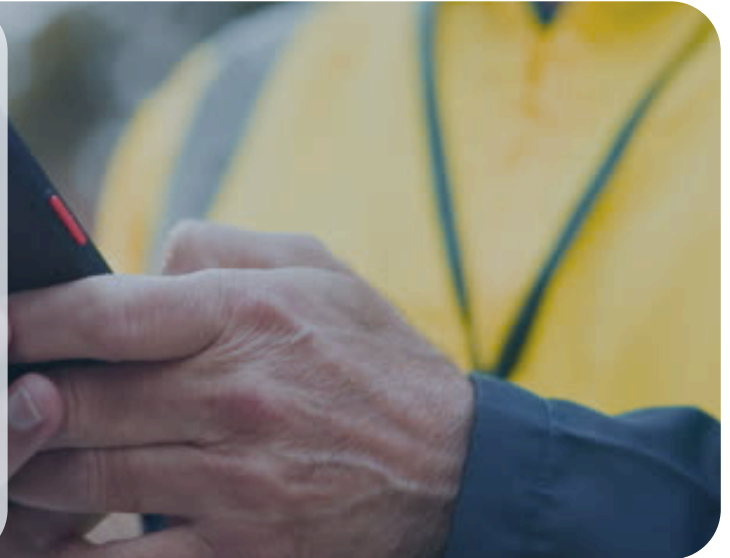


V I T R U V I

# AI Field Inspector



## AI That Approves Your Work

Vitruvi's AI Field Inspector is an automated quality control solution that uses computer vision to verify field work in real-time. By instantly reviewing field photos against pre-set standards, it ensures work is done right the first time, significantly reducing the need for manual QA and costly rework.

Close the as-built gap by connecting design to field execution. This intelligent solution provides end-to-end visibility, turning field data into verified, high-quality assets while accelerating your project timelines.

## Why Choose Vitruvi's Inspector

### For Field Crews

Get instant feedback on your photos. The AI validates work quality and compliance, so you can fix errors before leaving the site.

### For Project Managers

Eliminate the bottleneck of manual photo QA with automated pass/fail results that provide a standardized audit trail across all work.

### For Executive Teams

Shorten billing cycles by providing verified and documented proof-of-work that accelerates invoicing and eliminates payment disputes.

## How It Works

1

### CAPTURE

Crews take photos of completed tasks (e.g., conduit installation, cable coiling, data readings, etc.) using the app.

2

### INSPECT

The AI Field Inspector automatically analyzes the image with advanced computer vision to check against predefined specs.

3

### VERIFY

The system issues an instant pass/fail score. If it passes, the work is automatically verified for approval and billing.

4

### PAID

Approved records flow into financial workflows, ensuring you get paid faster with clean, audit-ready documentation.

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## Key Capabilities

### Real-Time Pass/Fail Validation

Get instant feedback through the Vitruvi app.

### Intelligent OCR (Optical Character Recognition)

Automatically extract text from labels, equipment, sensors, or readings and populate this data in Vitruvi to keep your system aligned with the field.

### Measurement Verification

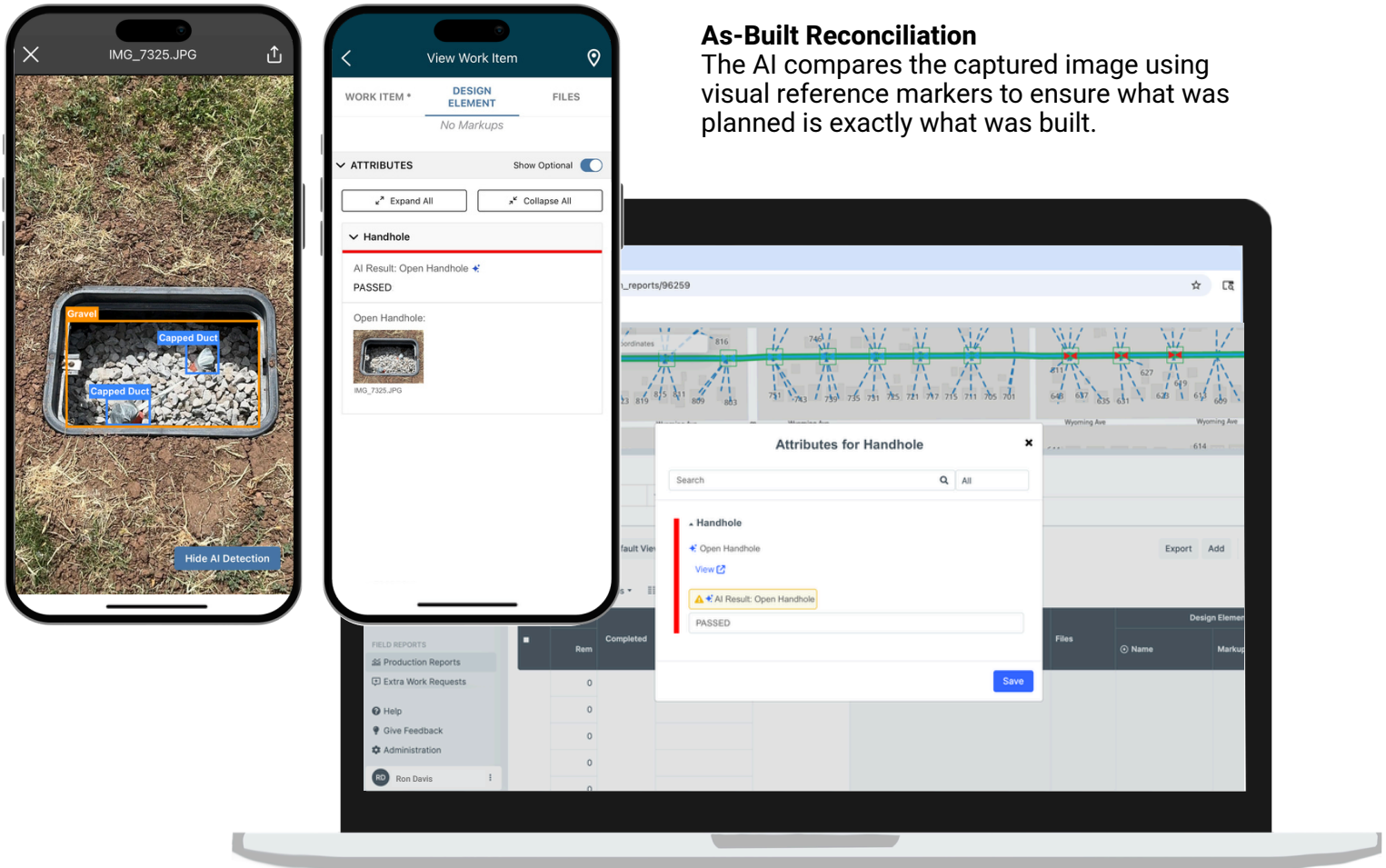
High-precision analysis of trench depth, width, and cable clearances using visual reference markers.

### Automated Asset Inventory

Automatically detect and count components (e.g., free ports in a fiber cabinet, equipment labels, or specific hardware).

### As-Built Reconciliation

The AI compares the captured image using visual reference markers to ensure what was planned is exactly what was built.



### About Vitruvi Software

Vitruvi Software is a construction management platform built specifically for linear infrastructure projects, including telecom, broadband, and utilities. Vitruvi helps construction teams plan, build, and control projects through real-time field data capture, automated workflows, and end-to-end project visibility. Learn more: [vitruvisoftware.com](https://vitruvisoftware.com)

