CYIENT | Nothing Less



# 30–40% faster acceptance cycles, built on better evidence

**Cyient's intelligent infrastructure assessment helps telecom operators strengthen field-photo validation and reduce downstream QA and audit friction.**

## Why field photo review slows telecom delivery

Telecom build, maintenance, and audit programs slow down when site photos are not easy to validate, classify, and use as evidence. The impact shows up across field capture, QA, audit closeout, and remediation planning, driving repeat visits, delayed acceptance, and avoidable operating cost.

| | | | | |
|---|---|---|---|---|
| Photo volumes surge, but QA still sorts and validates images manually. | Poor-quality images are found too late, after crews leave the site. | Missing safety and compliance cues often surface only during QA or audit closeout. | Manual review slows teams and pulls focus from true exceptions. | Critical condition signals stay buried in image sets, delaying remediation. |

## What you get with Cyient

Cyient's Intelligent Infrastructure Assessment helps telecom field teams turn site photos into audit-ready intelligence before downstream QA, acceptance, and remediation planning, reducing rework loops and helping crews correct capture issues earlier.

You get AI-driven detection and classification for telecom infrastructure, confidence scoring, image-quality analytics, condition insights, dashboards, risk flags, intelligent summaries, conversational AI insight sand standardized exports that help teams move from manual photo review to exception-led, audit-ready outputs.

**Faster site acceptance, lower rework**

| 10-25% | 30-40% | 2–5 Hours | 50-65% | Earlier |
|---|---|---|---|---|
| fewer repeat visits and re-trucks | faster audit and acceptance cycles | saved per site | less manual photo QA/QC effort | compliance-risk detection |

## How it works and why it's different

### Detect telecom infrastructure in the field

AI detects and classifies telecom-relevant infrastructure from field photos, including poles, cabinets, pits, manholes, and signboards, even when multiple asset types appear in the same image.

### Score confidence and image usability

Confidence scoring and image-quality indicators, such as blur, sharpness, brightness, and whiteout, help teams identify unusable photos earlier.

### Flag condition and compliance risks early

Safety, inspection, and asset-condition signals surface early, including missing or insufficient signage, work-in-progress indicators without supporting warnings, open or damaged pits, and other site-context issues.

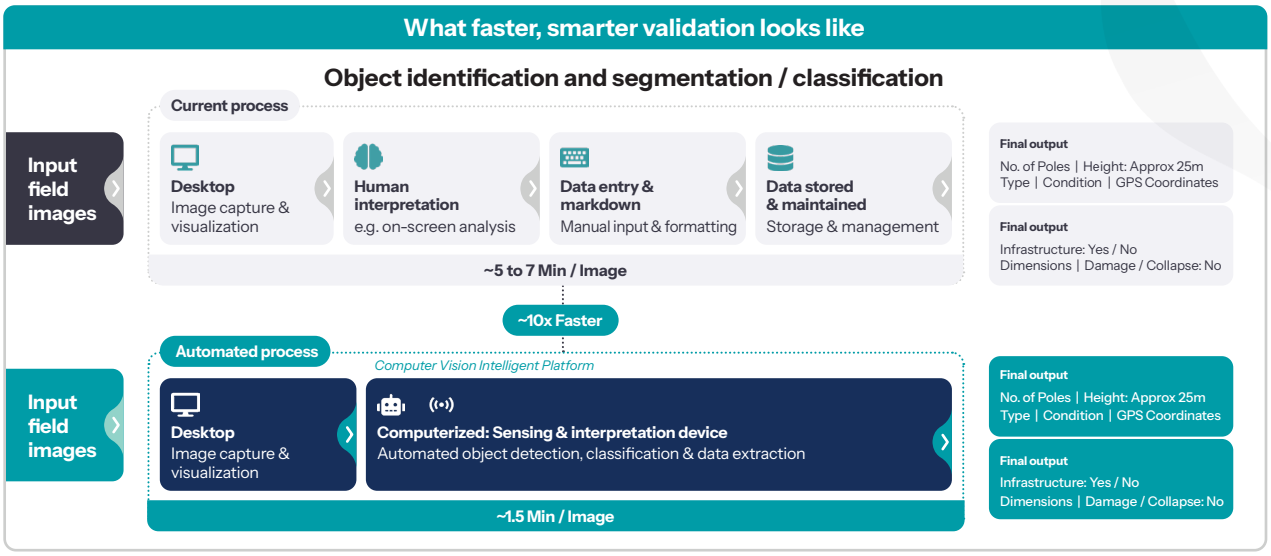
### Focus human review on exceptions

Low-confidence images and flagged issues rise to the top, so human reviewers spend more time on decisions and less time on routine sorting.

### Export audit-ready intelligence

Standardized Excel and JSON exports support audit packs and downstream workflows, while in-app summaries track completed and in-progress work.

## Cyient's intelligent infrastructure assessment in action




## The Cyient advantage: Elevating field photos to audit-ready evidence

**30+ years of telecom engineering depth**
Disciplined delivery across large, distributed network programs, so evidence standards and field realities are built in (not learned late).

**Acceptance-ready evidence, faster**
Structured, audit-friendly outputs that reduce ambiguity and compress closeout timelines.

**Early gap visibility, fewer re-trucks**
Catch unusable photos, missing proof points, and compliance cues while crews are still on site.

**Telecom-native intelligence over generic AI**
labels, checks, and risk flags aligned to real assets and field conditions, not "objects in an image."

**QA capacity where it matters**
exceptions-first triage keeps human review focused on low-confidence, high-risk images instead of routine sorting.

**Wonder how many field-photo issues are slowing your site closeouts?**

**Book a quick session to see how cyient's intelligent infrastructure assessment can help you catch evidence gaps earlier and move faster to closeout.**

Cyient is a global lifecycle engineering services company powering mission-critical industries from design to aftermarket across products, plants, and networks. With 300+ customers and 15,000+ associates across 30+ countries, we combine human expertise, deep domain knowledge, and AI to deliver intelligent engineering for every lifecycle across Aerospace and Rail, Automotive and Mobility, Connectivity, Energy, Healthcare, Mining, Utilities, and beyond.

To learn how we deliver exemplary outcomes, nothing less, visit www.cyient.com.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