

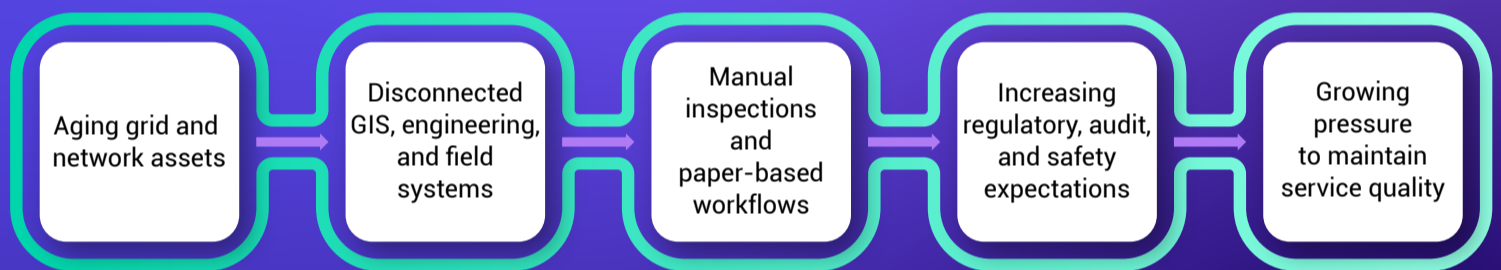
Modernizing Utility Operations with AI-Powered Geospatial Work Execution

Delivering Safer, More Accurate Field Operations with Proven Visual AI

The Modern Utility Challenge

Utilities are expected to deliver safe, reliable service while modernizing aging infrastructure, expanding new programs, and operating with constrained budgets and workforce capacity.

Today's challenges include:



These challenges directly impact how work is executed in the field – where risk, cost, and data quality converge.

The Business Impact of Fragmented Field Execution

When geospatial data and field workflows are disconnected, utilities experience:

Business Area	Impact
Operations	Delays, rework, and low field productivity
Finance	Higher OPEX and unpredictable delivery costs
Risk & Compliance	Audit gaps, reporting exposure, and safety risk
Reliability	Slower response and increased asset failures
Customer Service	Reduced consistency and confidence

Over time, fragmented execution increases operational risk and limits long-term resilience.

The New Operating Model: Field-First Execution

Leading utilities are adopting a **field-first operating model** centered on AI-powered **Geospatial Work Execution**.

This model ensures that work is:



Executed correctly the first time

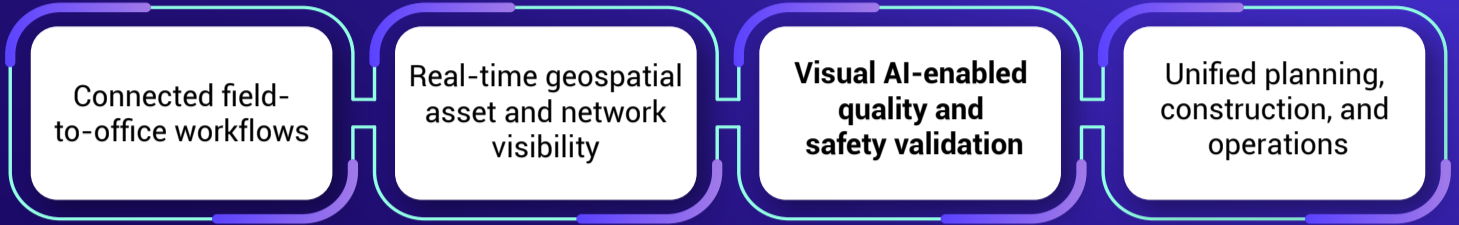


Validated at the point of work



Reflected immediately in trusted geospatial records

Key characteristics include:

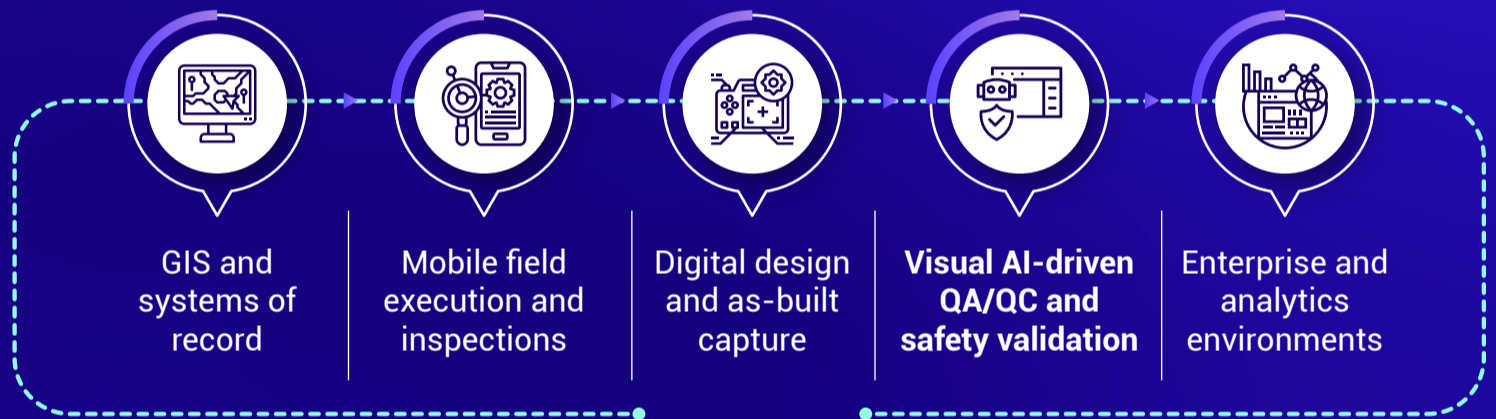


The result is predictable execution instead of reactive correction.

AI-Powered Geospatial Work Execution Solution

This operating model is enabled by IQGeo's **Geospatial Work Execution solution**, underpinned by proven Visual AI, and delivered together with **Techwave's implementation and integration services**.

The solution connects:



Rather than adding another layer of complexity, intelligence is embedded directly into day-to-day field operations.

Measurable Enterprise Value – Including Safety

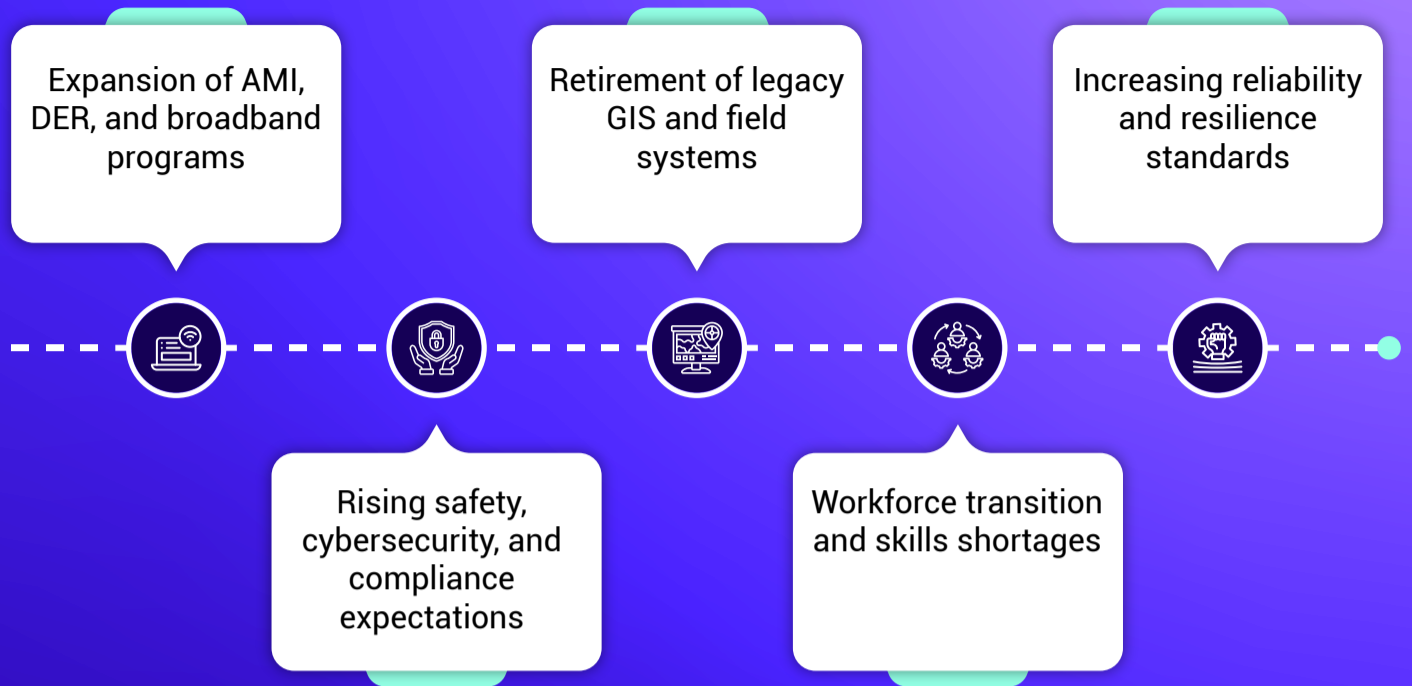
Utilities implementing AI-powered Geospatial Work Execution consistently achieve:



These outcomes deliver immediate operational improvements while strengthening long-term resilience.

Why Action Is Needed Now

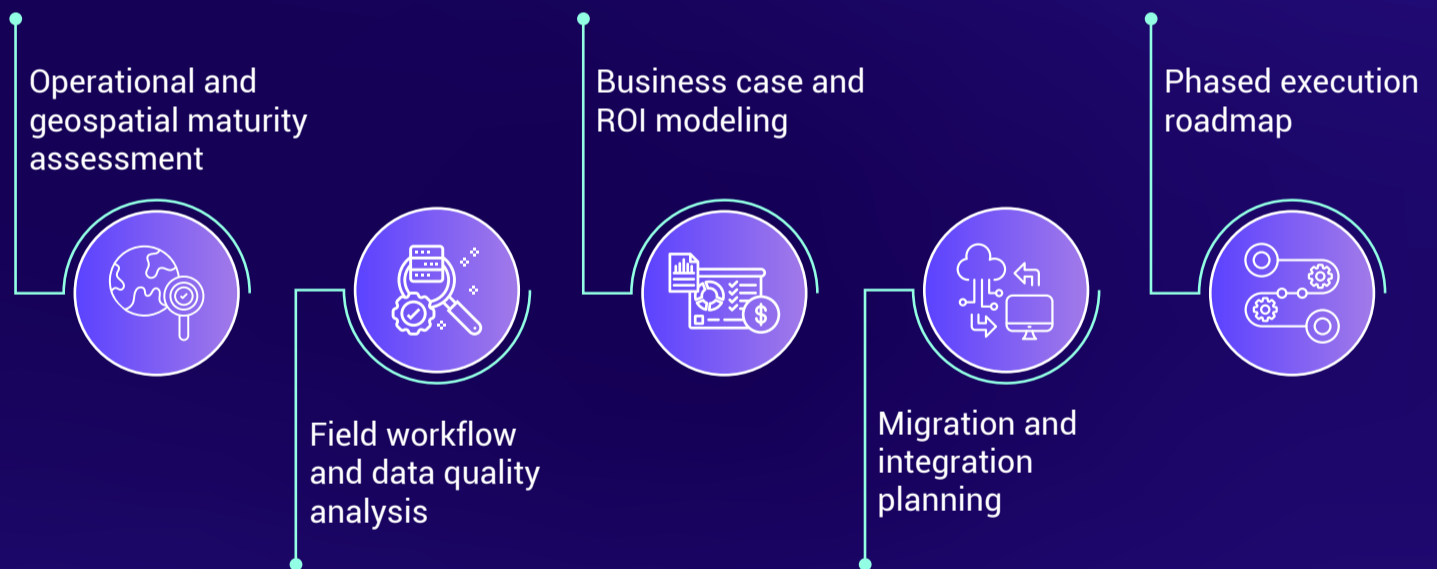
Several forces are accelerating the need for change:



Delaying modernization increases operational, financial, and safety risk.

A Structured Path to Execution

Utilities can modernize with confidence through a practical, low-risk approach that includes:



This approach aligns strategy with how work is actually performed in the field.

Next Step

Explore how your organization can improve field execution with clarity, control, and measurable results.

[Request a Utility Modernization Assessment](#)



Techwave × IQGeo

AI-Powered Geospatial Work Execution for Utilities