



2026 | CASE STUDY | NETWORK SCIENCE

# AI OFFICE AS A SERVICE – TRANSFORMING WIRE TESTING OPERATIONS

## Overview

1.

A leading copper and aluminium wire manufacturer ran slow, error-prone, resource-heavy manual testing processes with no real-time data visibility. Network Science implemented an AI Office as a Service model to automate testing, centralize data, and build a scalable platform for continuous AI-driven innovation.

## Solutions & Strategy

2.

Deployed the AI Office as a Service framework to automate wire testing, digitize inspections, and provide real-time operational visibility through a centralized data ecosystem

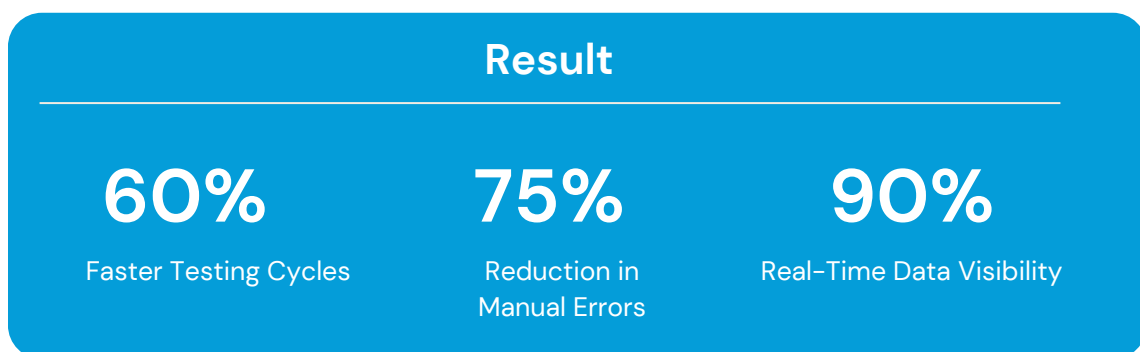
### Solution

- AI Office as a Service
- Centralized Data Platform
- AR-Assisted Inspections
- Scalable AI Infrastructure



4.

- Manual wire testing automated, dramatically reducing human error and processing time.
- Real-time data access improved productivity and enabled faster client communication.
- Scalable AI infrastructure positioned the client for continuous operational improvement.
- Foundation laid for broader AI adoption across the organization.



*The AI Office as a Service model delivered immediate automation gains while building a platform for long-term innovation. By replacing manual testing with intelligent, connected systems, Network Science positioned this manufacturer for sustained growth through AI.*