Professional Services

Cumulus

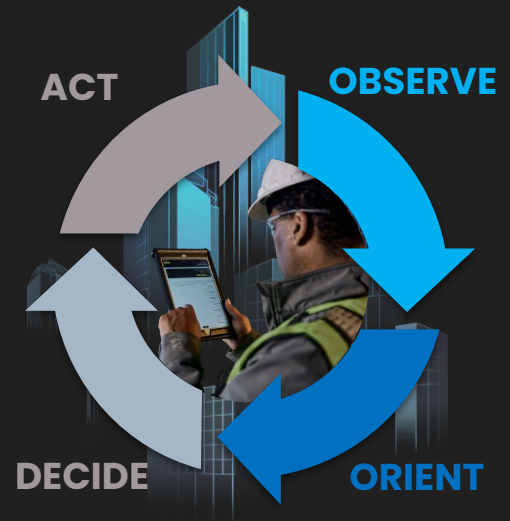## About Us.

Cumulus partners with organizations and projects around the world to develop winning digitalization strategies for mission-critical work activities. Our shared heritage with one of the largest energy companies in the world has been foundational for our work digitizing more than 7 million work completions across five continents. We use a hands-on approach to analyze work processes then provide an actionable path forward.

ACT

OBSERVE

DECIDE

ORIENT

Our Approach.

Our systematic approach to digitalization works by creating a real-time feedback loop that captures meaningful data and transforms it into actionable insights for faster, better decision-making.

Based on a framework developed by the U.S. Air Force, our foundational strategy helps companies across the energy, construction, and infrastructure sectors thrive in a volatile and highly competitive economy.

1. Define Requirements

After gaining a thorough understanding of the underlying systems, our team defines the problem and outlines the project objectives and metrics.

2. Deploy Workflows

We use our proprietary software to model and implement critical workflows, gathering extensive field data to inform all recommendations.

3. Deliver Results

We develop a functional roadmap that provides clear guidance on architecting and implementing digital solutions for your organization.

Results.

Cumulus provides our partners with all the essentials needed to navigate a successful digital transformation for their critical path work activities. **The final deliverable includes an extensive analysis and actionable recommendations that meet all system requirements, optimized for the best outcome possible.**
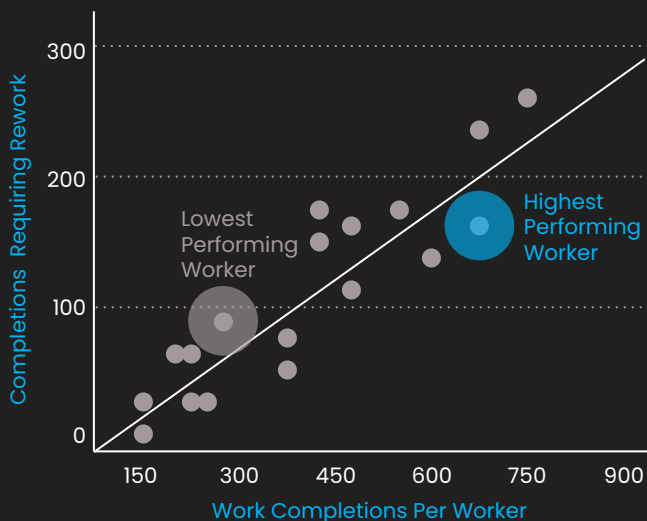
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Sample Report

Personnel Insight

Work Performance
Quality vs. Productivity

- Y-axis: Completions Requiring Rework (0, 100, 200, 300)
- X-axis: Work Completions Per Worker (150, 300, 450, 600, 750, 900)
- Lowest Performing Worker
- Highest Performing Worker

Completion Insight

Work Completion Breakdown
Planned Time vs. Actual Time

Category	Planned	Actual
Pipe Support	4	5.133
Electrical Support	12	18.044
Electrical Termination	5	5.808
Electrical Busway	9	9.274
Electrical Cabinet	4	5.131

Average Time to Complete (hours): 5, 10, 15, 20

Recommendation

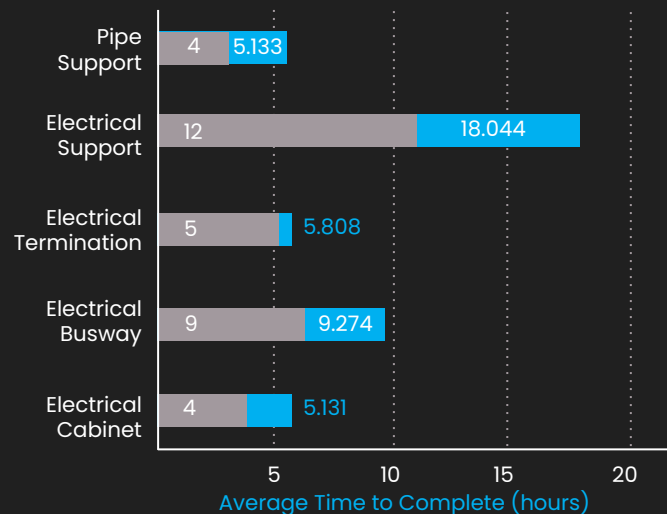**80% of work is completed by 40% of workers, with quality output consistent.**

Maximize output by pairing high productivity workers with lower productivity workers for training and mentorship.

Recommendation

Work completions are taking 35% more time than allocated due to inefficiencies in QC processes.

Enable a real-time, digital data loop to shorten each work completion and reduce quality control time by 60%.