



**MAJOR ENGINEERING &  
CONSTRUCTION FIRM**

## Engineering & Construction

### Background:

- An engineering, construction and technical and management services firm headquartered in the United States and managing over 2,000 transportation, defense/security and environmental/infrastructure projects worldwide.
- Central PMO team supporting the capital delivery of an offshore and onshore optical cable installation.

### Main Challenge:

- Data changed too frequently to allow for manual loading of cost and resource data.

### Solution:

- Automate the upload of bucket loaded cost profiles from the project and contract managers
- Allowed for time-driven Monte Carlo analysis with updated numbers quickly and easily

### Result:

- Removed manual process
- Improved data quality, cost profiles, and contingency analysis

