

# Hyperscale Data Centre Backhaul QA Inspection and Construction Management

## CUSTOMER PROFILE

**Professional Civil Engineering, Utility Surveying/Inspection, and Construction Firm**

- Data centers construction inspection across 3 continents
- High count (6912f) fiber cables with complex testing and As-Built data capture requirements
- Collaboration between globally dispersed construction teams

## VITRUVI USE CASE

### Field technician assignment and inspection sign-off with real-time customer collaboration in Vitruvi.

- Construction designs loaded directly into Vitruvi with full GIS data layers and elements
- Vitruvi field management platform integrated with AWS proprietary BI tools
- Field inspection, job quality and As-Built photos captured in Vitruvi mobile
- Integrated workflow and customer collaboration providing real-time reporting
- Detailed Schedule of Values, Project Schedule and WBS auto-generated from design
- RBAC security supporting owner and contractor collaboration

## KEY CUSTOMER RESULTS

# 53%

**QA time-savings**  
per span inspection  
(planning, assignment,  
reporting)

# 1.3x

**increase in FTE  
efficiency** measured  
in overall capacity

# 0

**rework call backs**  
as QC reviews are  
managed in real-time