

Optimized Design

Low-Level Fiber Design for Build-Ready Networks

Optimized Design enables you to create accurate, construction-ready low-level designs by correcting and validating designs before build, reducing rework and improving right-first-time delivery

Top 3 Benefits

1

Low-level design (LLD)
creation and refinement

2

Pre-build design correction
using field and survey data

3

Build-ready and permit-
aware design workflows

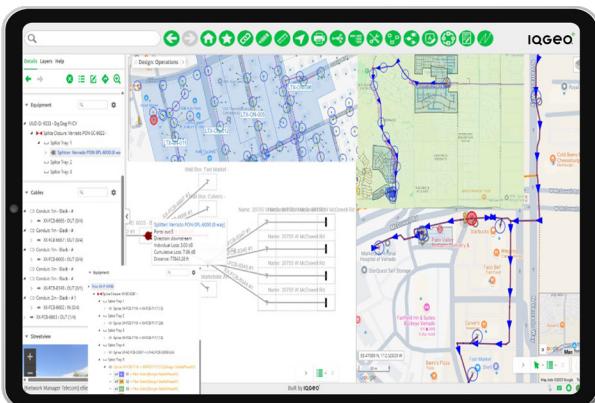
Old Way

VS

Best Practice

- ✗ Static LLDs disconnected from field reality
- ✗ Design issues discovered during construction
- ✗ Manual handoff from design to construction
- ✗ Limited visibility into real-world constraints
- ✗ High rework rates and unpredictable delivery

- ✓ Designs corrected and validated using real-world data
- ✓ Pre-build design correction before construction
- ✓ Seamless transition from LLD to construction workflows
- ✓ Designs reflect real-world and permit constraints
- ✓ Higher right-first-time build rates



- Low-level fiber network design creation and refinement
- Pre-build design correction using field and survey data
- Permit-aware and real-world constraint validation
- Connected network design model and connectivity validation
- Construction ticket generation and tracking from LLD
- Inside and outside plant design capture