Construction Management 2.0: Five Key Technology Benefits for EPCs and Contractors
Today’s panel

Frank DeJoy
VP, Network Deployment

Barry Walton
Telecom Solution Architect

Jonathan Moore
Network Delivery Manager
A single, geospatial view of construction enables 30% faster delivery

Design and field survey data is key deliverable to project scope and budget accuracy.

Transform design into ‘work’ increases accuracy and constructibility.

Crews are only released ready-to-go tasks.

Downstream requirements mapped to as-built data collection = confidence in data.

Progressive delivery of digital as-built and redline data = faster payments.

Traditional Construction

0% 100%

Desktop Design Field Validation Final Design

Geospatial Construction Management

Network Operations Handover

Digital Construction Blueprint Geospatial Construction Management Digital Completion Pack

30% faster to design and construct networks.
<table>
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<tr>
<th>STEMC Cooperative</th>
<th>City Utilities of Springfield</th>
<th>Craighead Electric Cooperative Corporation</th>
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<tbody>
<tr>
<td>113,000 homes and businesses</td>
<td>30,000 member locations</td>
<td>b</td>
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<tr>
<td>$120m</td>
<td>1,000 miles fiber</td>
<td>$110m</td>
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- **30%** ahead of schedule
- **20%** under budget
- **10 weeks** from HLD to turning up CARES grant funded customers
- **55%** ahead of schedule with reduced CAPEX
- **84%** faster OSP deployment vs planned
- **75%** saving in admin and field supervisory spend

Halfway point of City Utilities of Springfield’s 1,000-mile fiber build is 9 months ahead of schedule.

“Render introduces valuable operational efficiencies that will complement our overall technology strategy.”

Jeff Reiman, President, TBG Network Services
Download your ‘Digital Network Construction’ guide for Construction Teams

Meet Render at Fiber Connect - booth #201

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