Render

Enable hyper-productivity from construction to operations

Render helps network operators and builders to keep teams and projects moving with end-to-end automation and real-time geospatial visibility

In network infrastructure construction, time is money—and speed is everything. To capitalize on the opportunity ahead, network operators and builders need a way to optimize field and project resources, maintain network quality, and track progress with a single view of construction data securely integrated across all project systems.

Render's easy-to-use network construction and maintenance platform unlocks hyper-productivity and connects field and project teams. Rich geospatial data helps teams make better use of resources, gain clear visibility, and increase efficiency from scope creation through construction into network operations.

30%
faster deployment and time to revenue

2-3x
field crew productivity improvements

50%+
reduction in material waste and rework

Streamline construction to operations with end-to-end automation
Render transforms your network design into a task-level scope setting up each project for the most efficient delivery and utilization of resources and materials.

Connect all teams and stakeholders with real-time visibility and insights
All stakeholders access a single geospatial data source to understand performance against delivery milestones, make informed build decisions and manage progress efficiently.

Keep construction ahead of schedule
Builders and operators can optimize labor and materials daily, and avoid delays with automatic redirection to ready-to-work tasks.
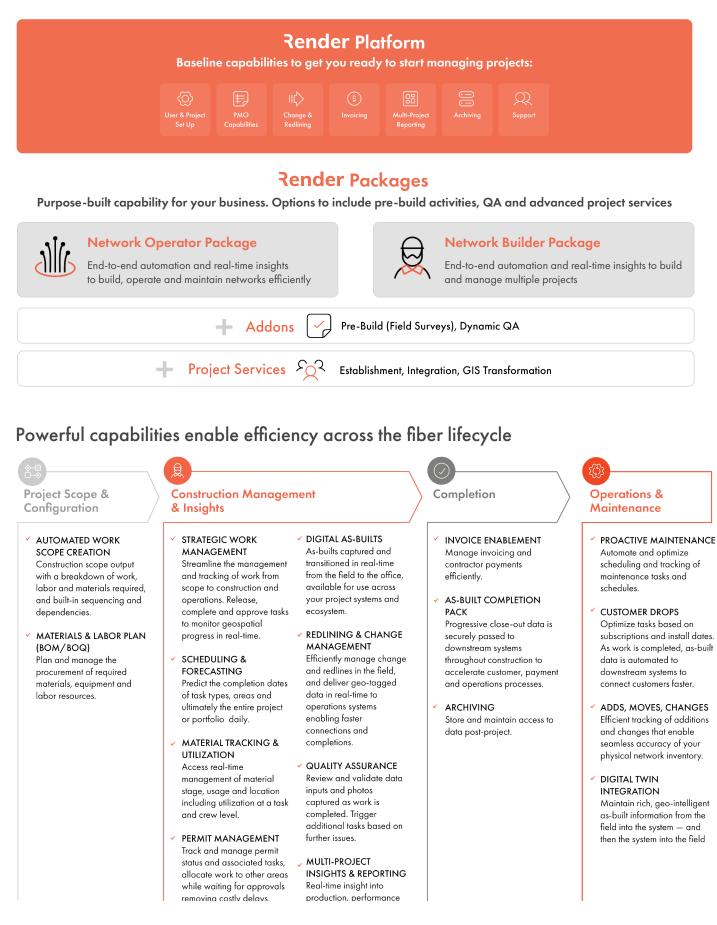
> We no longer need to devote resources to preparing status updates, every stakeholder can access a centralized data source. Real-time geospatial progress views enable data-driven decisions on the deployment which really builds confidence in the project.

JEREMIAH SLOAN | CEO
CRAIGHEAD ELECTRIC COOPERATIVE CORPORATION

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Introducing Render's network construction and maintenance solution

Render Platform

Baseline capabilities to get you ready to start managing projects:

- User & Project Set Up
- PMO Capabilities
- Change & Redlining
- Invoicing
- Multi-Project Reporting
- Archiving
- Support

Render Packages

Purpose-built capability for your business. Options to include pre-build activities, QA and advanced project services

Network Operator Package
End-to-end automation and real-time insights to build, operate and maintain networks efficiently

Network Builder Package
End-to-end automation and real-time insights to build and manage multiple projects

+ Addons — Pre-Build (Field Surveys), Dynamic QA

+ Project Services — Establishment, Integration, GIS Transformation

Powerful capabilities enable efficiency across the fiber lifecycle

Project Scope & Configuration → **Construction Management & Insights** → **Completion** → **Operations & Maintenance**

Project Scope & Configuration

AUTOMATED WORK SCOPE CREATION
Construction scope output with a breakdown of work, labor and materials required, and built-in sequencing and dependencies.

MATERIALS & LABOR PLAN (BOM/BOQ)
Plan and manage the procurement of required materials, equipment and labor resources.

Construction Management & Insights

STRATEGIC WORK MANAGEMENT
Streamline the management and tracking of work from scope to construction and operations. Release, complete and approve tasks to monitor geospatial progress in real-time.

SCHEDULING & FORECASTING
Predict the completion dates of task types, areas and ultimately the entire project or portfolio daily.

MATERIAL TRACKING & UTILIZATION
Access real-time management of material stage, usage and location including utilization at a task and crew level.

PERMIT MANAGEMENT
Track and manage permit status and associated tasks, allocate work to other areas while waiting for approvals removing costly delays.

DIGITAL AS-BUILTS
As-builts captured and transitioned in real-time from the field to the office, available for use across your project systems and ecosystem.

REDLINING & CHANGE MANAGEMENT
Efficiently manage change and redlines in the field, and deliver geo-tagged data in real-time to operations systems enabling faster connections and completions.

QUALITY ASSURANCE
Review and validate data inputs and photos captured as work is completed. Trigger additional tasks based on further issues.

MULTI-PROJECT INSIGHTS & REPORTING
Real-time insight into production, performance

Completion

INVOICE ENABLEMENT
Manage invoicing and contractor payments efficiently.

AS-BUILT COMPLETION PACK
Progressive close-out data is securely passed to downstream systems throughout construction to accelerate customer, payment and operations processes.

ARCHIVING
Store and maintain access to data post-project.

Operations & Maintenance

PROACTIVE MAINTENANCE
Automate and optimize scheduling and tracking of maintenance tasks and schedules.

CUSTOMER DROPS
Optimize tasks based on subscriptions and install dates. As work is completed, as-built data is automated to downstream systems to connect customers faster.

ADDS, MOVES, CHANGES
Efficient tracking of additions and changes that enable seamless accuracy of your physical network inventory.

DIGITAL TWIN INTEGRATION
Maintain rich, geo-intelligent as-built information from the field into the system — and then the system into the field