

Render

Unlocking the power of Render's API

RENDER API



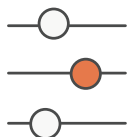
Improve information flows and delivery efficiencies with one connected information source

Render's RESTful-based API improves workflows and delivery timelines by exchanging data in real-time more easily and accurately across business-critical systems. Integrate rich, geospatial construction data securely across existing design, fiber management, finance, CRM, and project systems to enable faster deployment and more streamlined operations.



Flexibility

Designed to meet industry standards, Render's API allows maximum flexibility for customers to customize solutions for any business and technology environment.



Control

Effortlessly publish and govern APIs to solve a range of business challenges while maintaining ownership and control of your data.



Rich, granular data

Detailed task-level, geospatial data unlocks sophisticated analytics and streamlines downstream processes.

KEY SYSTEM INTEGRATIONS

Design & Engineering

Integrate design data with non-construction data like make-ready tasks, permitting, and customer drops to provide a complete view of the current state of the network.

Integrate and enrich your design data, and move into construction with a clear view of dependencies and all shovel-ready work.

Fiber Management

Ensure the rich, geospatial data delivered throughout construction is readily available to maintain an accurate system of record and operate high-quality infrastructure. Eliminate manual construction handover efforts and maintain network data integrity by automating status updates from construction into fiber management systems.

ERP & Finance

Integration with leading ERP and finance systems delivers a real-time and complete view of project completion and associated as-built, labor and material data to streamline forecasting, invoice processes and contractor payments. Empower all project and finance

stakeholders with a complete view of actual vs target data to account for work as it's complete and accelerate payments

Scheduling & Program Management

Project leaders have instant access to a portfolio-level view of progress vs schedule and delivery milestones. Render delivers as-built data at the task, crew, location or project level to all shared systems enabling data-informed build decisions, timeline modifications and resource planning.

CRM

Automate the process from sign-up to customer connection eliminating all administration overhead and significantly improving provision and connection timelines. From the moment the customer order has been placed, work can be managed through to connection, and accurate data is represented across all systems.

Operate your ecosystem as a single, connected and secure information flow with Render's API. Explore real-world examples of how leading network operators and builders are harnessing the potential of Render's rich, geospatial data.

Fiber Management

Efficient material management

Optimize material management and procurement processes with direct integration into asset management and inventory systems. Establish a real-time view of materials utilized by task or crew.

Proactive maintenance tasks

Ensure the longevity and reliability of your network by scheduling maintenance tasks, including routine equipment checks and preventive maintenance, reducing downtime and optimizing network performance.

CRM

Automate sign-up to connection

Manage the work needed from order to connection, ensuring accurate data is represented across all relevant systems and accelerated connection timelines.

Customer drops and service readiness

Access real-time visibility into the service-ready status of specific regions or locations to coordinate parallel sales or customer provisioning processes.

Initiate blueprinting activities

Automate and streamline the creation of tasks when a new customer order is received, ensuring a smooth transition from sales to provisioning.

Finance & Administration

Streamline invoicing and payment processes

Verify materials and labor units completed by contractors, ensuring invoicing accuracy and confidence that work has been executed as expected before authorizing payments.

Reporting and analytics

Access detailed geospatial insights on project performance and trends. Identify bottlenecks and optimize resource allocation with real-time data and relevant insights.

Demonstrate regulatory compliance

Avoid costly delays or penalties due to non-compliance, identify areas where improvements are needed and address issues as you go versus at the completion of the project.

Scheduling & Project Management

Access end-to-end project status

Access task status and progress vs key milestones to align resourcing and make rapid deployment decisions. Filter tasks based on parameters such as project, status, task type, or contractor.

Manage schedule progress

Setting target completion dates for tasks empowers customers to closely monitor progress against milestones, improving project scheduling and resource planning.

Identify and rectify issues

Swiftly create issue rectification tasks and assign them to the appropriate teams or crews, facilitating quick and efficient issue resolution and minimizing disruptions.



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
empower by Craighead Electric

