

Introducing our New State-of-the-Art Geographic Platform

One of the ultimate goals of Broadband providers is to bring fast, reliable service to their customers, who are often located in rural parts of the country. Connecting unserved or under-served communities through broadband technology improves their way of life and closes the digital divide. But doing so can be costly and time consuming.

What if there were a way to make it all easier by streamlining each phase of your network implementation, improving decisions by using real-time data and therefore optimizing your current and future operations?

CHR Solutions is a proven industry leader with over 75 years of experience and we have found a way to expedite your builds, decrease labor costs, forecast in real time, and increase monetization to speed up broadband access to rural America.

Geospatial Data is Not New-- But the Way We Use It Sure Is.

By using Geospatial data in a unique way, we provide our clients with a platform that utilizes real-time information to improve efficiencies, take the guesswork out of decisions, and ultimately increase speed to market. The platform features a customizable dashboard that enables all aspects of your business to format and display the data in a way that optimizes its use in their specific operations.

CHR's Geographic Platform

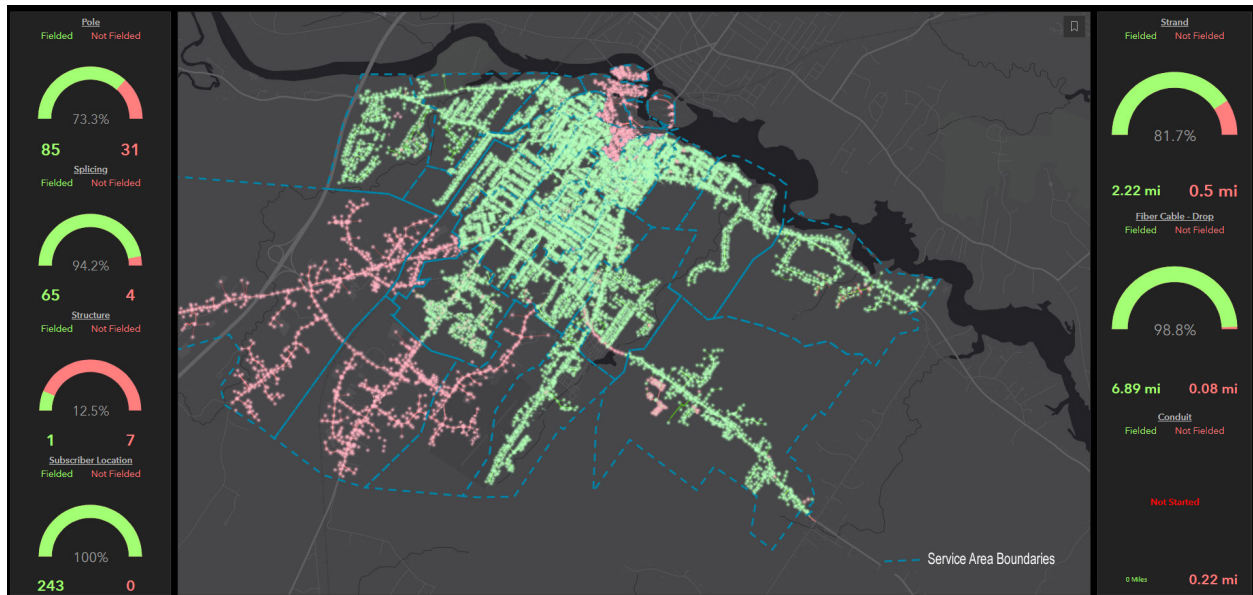
- Improves efficiencies
- Takes the guesswork out of decisions
- Increases speed to market

Out with the Old. In with the Geographic Platform.

Challenge	Solution Provided by the Geographic Platform	Benefit
 <p>Time-consuming Manual entry of data in various formats</p>	 <p>Multiple team members working on the same thing at the same time</p>	 <p>Minimize human error Increase the accuracy of your data</p>
 <p>Manual data records = stale data</p> <ul style="list-style-type: none"> • Unforeseen challenges • Potential increased operational costs delayed builds, etc. 	 <p>Real-time data analytics improve accurate forecasting</p> <ul style="list-style-type: none"> • Budget needs • Project timelines • Permit requirements, etc 	 <p>Accelerate engineering Expedite permitting Expedite material acquisition</p>
 <p>No historical data</p>	 <p>Historical data lives in the platform</p>	 <p>Historical data:</p> <ul style="list-style-type: none"> • Supplement BSS/OSS • Increase accuracy/speed of as build data • Enhance ongoing operations and marketing
 <p>Inability to predict challenges</p>	 <p>Customizable dashboard reports offer:</p> <ul style="list-style-type: none"> • Accurate predictions on build timelines • Expense/budget monitoring 	 <p>Increase speed to market Make customers happy Generate revenue</p>

One Platform. Abundant Advantages.

By using one common platform, the dashboard extends advantages to all aspects of your business, including Design, Build, Operations, Data, and Analytics.



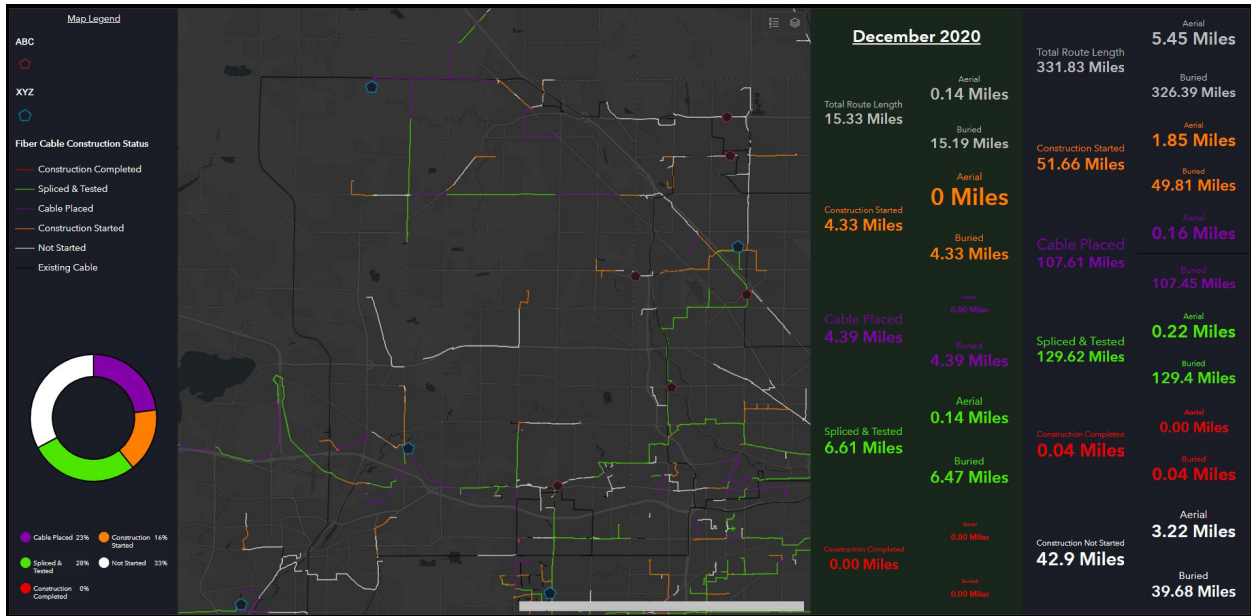
A real-time project dashboard, providing instant access to the project status on a daily basis

Design and Build Advantages

Customizable Designs	Minimize Budget Overruns	Improved Speed to Market
<p>Review all architectural solutions</p> <hr/> <p>Provide recommendation for best solution based on specific company needs</p>	<p>Real-time monitoring of all project phases</p> <hr/> <p>Proactively monitor costs</p>	<p>Start making money faster!</p>

Operational Advantages

Project & Asset Management	Sales & Marketing	Cost Savings
<p>Accurate, real-time, trusted dates for market release</p>	<p>Provide accurate home install dates to customers due to monitoring progress</p> <hr/> <p>Know when customers are built and ready for service</p>	<p>Closely monitor cost drivers</p> <hr/> <p>Develop more efficient operations model</p>



A real-time construction dashboard that illustrates the status and phases of the construction build on a daily basis

Data and Analytics Advantages

Customized Dashboards	Cost Trends & Forecasting	Analytics
Tailored to specific needs	Quick access to available data	Provide better assessment of modeling attributes
Provides details required for deployment and network management		Make decisions based on strategic calculation
Displays all phases of network implementation	Quick access to real-time data improves project success and ROI	Track historic and real-time data
		Accurately forecast the future

The Data Difference

By leveraging our Geographic Platform, we're able to improve every phase of your network build and keep your team on budget, on time, and working more efficiently and faster. Rural America needs access to the broadband, and we know you're committed to bringing it to them. Contact CHR Solutions to get it done faster with data.