

Factory Built Network®

Deploy complex transport networks faster—with less risk and less time onsite.

Our proven approach to faster deployment.

What is a Factory Built Network® (FBN)?

A Factory Built Network® is a fully engineered, staged, and tested network we build entirely within LightRiver's factory environment before it reaches the field. This approach eliminates the inefficiencies and risks associated with assembling and troubleshooting infrastructure across scattered remote locations.

Why a LightRiver FBN makes sense?

Building transport networks from scratch is rarely smooth—especially when teams are stretched thin. Too many variables show up in the field: access constraints, scheduling conflicts, material gaps, configuration drift, and last-minute troubleshooting. With FBN, we reduce those variables before deployment so projects move faster and land cleaner.

50%

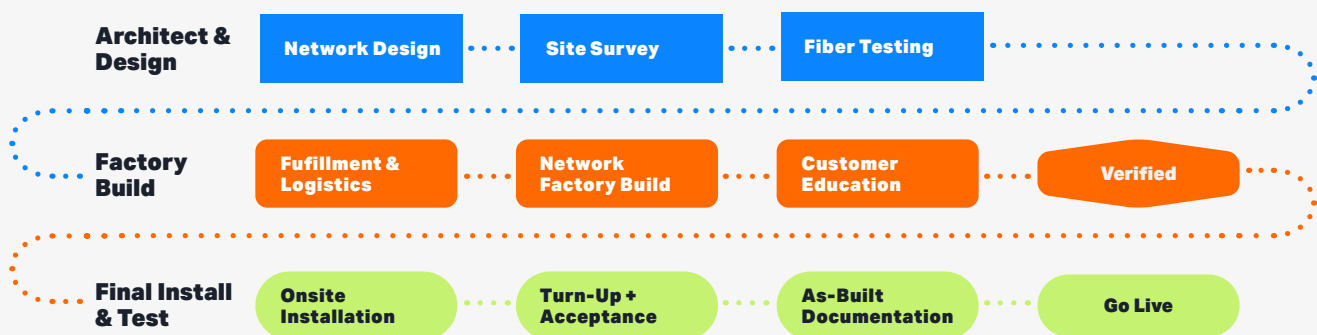
reduction in project timelines

60%+

less onsite installation time (including up to 50% fewer site visits)

Fully simulated. End-to-end proven.

At LightRiver, we simulate everything—including the geographic distances between sites—within a single facility. Whether you're building a network that spans a city, a state, or an entire nation, we can build, configure, and verify it all under one roof.



A Proven Process for Faster Deployment

1. Architect & Design

What We Do	Benefits & Outcomes
<ul style="list-style-type: none"> Align requirements, site standards, and deployment timeline 	<ul style="list-style-type: none"> A deployment-ready plan built for scale
<ul style="list-style-type: none"> Confirm design intent, labeling conventions, acceptance criteria, and a repeatable build plus deployment plan 	<ul style="list-style-type: none"> Clear standards that minimize confusion onsite and lead to a smoother path to turn-up

2. Factory Build

What We Do	Benefits & Outcomes
<ul style="list-style-type: none"> Assemble and integrate the network offsite in our factory 	<ul style="list-style-type: none"> A network that arrives integrated—not pieced together onsite
<ul style="list-style-type: none"> Provision and test end-to-end with netFLEX® 	<ul style="list-style-type: none"> Deployment-ready delivery that reduces risk and accelerates turn-up

3. Final Install & Test

What We Do	Benefits & Outcomes
<ul style="list-style-type: none"> Deliver fully assembled in custom crates 	<ul style="list-style-type: none"> Faster installs with less disruption
<ul style="list-style-type: none"> Carrier grade installation—supported by netFLEX® 	<ul style="list-style-type: none"> Faster turn-up and integration
<ul style="list-style-type: none"> Fully field tested with comprehensive as-build 	<ul style="list-style-type: none"> A clean handoff to operations

Powered by Software. Delivered by People

150+ Employees

in the US, Canada, and Europe

90+ Engineers

with technical degrees & industry certifications

Let's make your next deployment seamless.
lightriver.com

