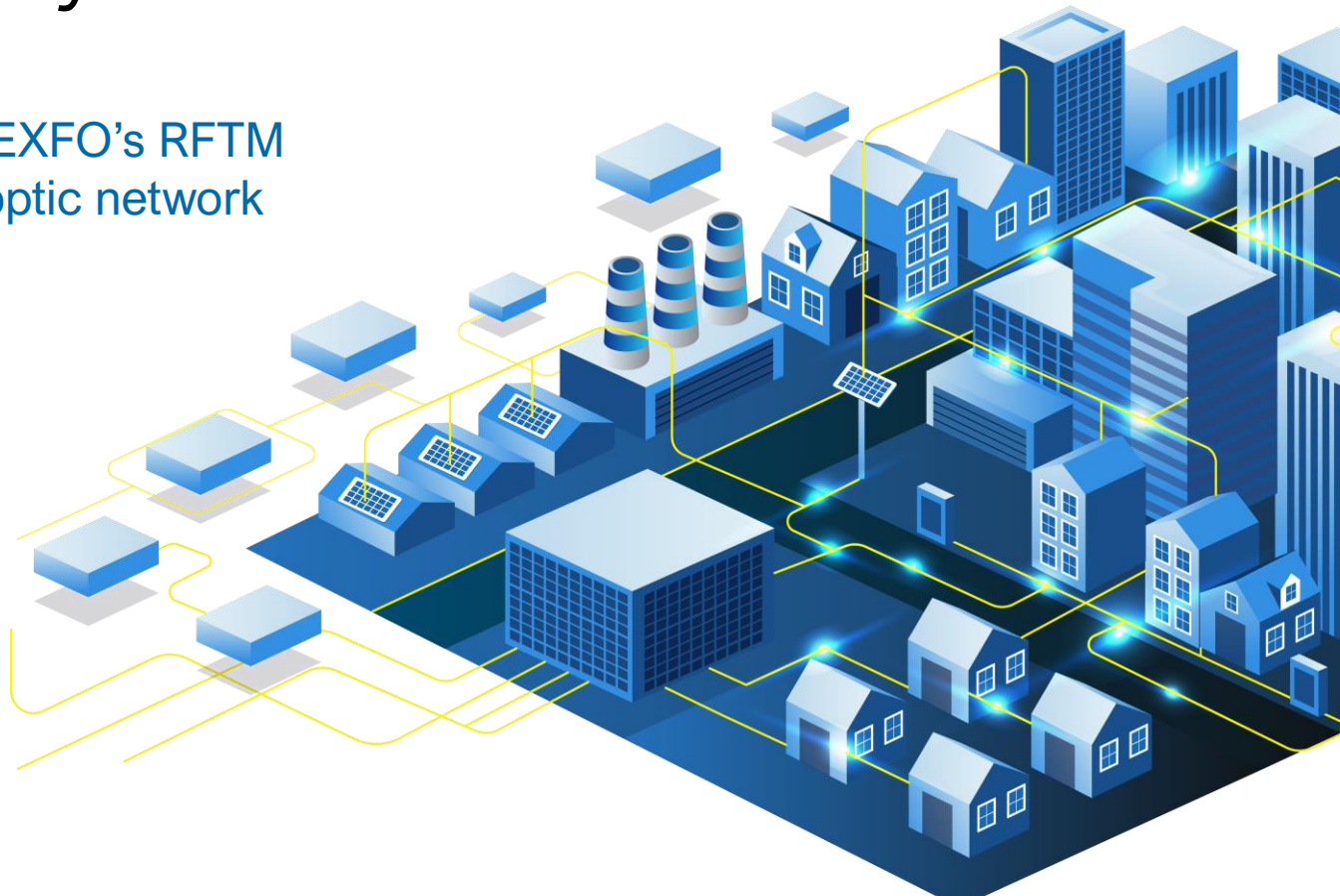


# Centralized FTTx Testing Case Study

Hyperoptic selects EXFO's RFTM to accelerate fiber optic network deployment



# Hyperoptic selects EXFO to accelerate fiber network deployment

## About

Hyperoptic is a leading national full-fiber broadband provider headquartered in the U.K.

It has a target of 5 million homes passed by the end of 2025 in high density urban areas.

“Best Superfast Broadband provider” award by the Internet Service Providers’ Association for 6 years running.

## Challenges

- Installs and maintains its own dedicated fiber optic network, deploying gigabit broadband service nationally.
- Increase and accelerate coverage and customer base, maintaining high-quality roll-out.
- Avoid costly return visits to fix connection problems.

## Requirements

- Build, turn up and monitor a “first-time right” fiber network.
- Identify precise location of performance degradations and outages.
- Quickly repair, maintain and optimize optical transmission performance.

## Goals



### Accelerate build

Test when required  
Reduce intrusive testing  
Reduce test resources



### Centralize

Achieve full visibility  
Perform remote monitoring



### Integrate

Become process-driven  
Drive repeatability  
Establish baseline performance



### Simplify

Centralize testing  
Support on-demand testing  
Limit need for specialist tools

Outcome	Why EXFO	Business impact
<ul style="list-style-type: none"> <li>• Full visibility into fiber network infrastructure in near real time</li> <li>• Accurate end-to-end link testing, diagnostics and proactive monitoring</li> <li>• Reduced costs of builds and costs of failure</li> </ul>	<ul style="list-style-type: none"> <li>• Highly flexible deployment model</li> <li>• Integration with automated workflows</li> <li>• End-to-end loss and real-time analytics feeder</li> <li>• 35+ years of leadership and expertise in fiber optic testing</li> </ul>	<ul style="list-style-type: none"> <li>• Significant reduction of initial defects to low single digits</li> <li>• More successful customer activations</li> <li>• Opex reduction</li> <li>• Shorter MTTR, faster quality restore</li> <li>• Ensure the quality of a fast fiber network deployment</li> </ul>



*We are delighted to partner with EXFO, a company as completely fixated on quality as we are. Our customers can be confident that a Hyperoptic-built, EXFO-tested network means they are getting the very best. Building it right the first time with high-tech network testing means that we will not only serve today's customers, but generations to come. EXFO's RFTM technology is the best of both worlds in that it is an off-the-shelf solution that is also highly flexible and customizable to our exacting needs, tailored to our engineers' existing applications. Our customers can be confident that a Hyperoptic-built, EXFO-tested network means they are getting the very best. — John Rich, Head of Test and Diagnostics, Hyperoptic*



[Learn more about EXFO's FTTX Build & Connect solution](#)



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