

sertex

BROADBAND SOLUTIONS



100% Fiber + **100% Local** = **Public/Private Partnership Municipal FTTX**

Municipal fiber networks give communities freedom to prosper.

Sertex partners with local governments to build and operate open access fiber optic networks. Through our innovative model and infrastructure services, we are dedicated to connecting communities to the future with affordable, reliable, and equitable broadband internet.



Plan



Design



Build



Install



Operate



Maintain



We're Driven to Do Hard Work

With extensive construction experience over three decades, Sertex has deployed fiber optic networks throughout the Northeast from the Berkshire mountains to the ocean's edge. Our end-to-end solution streamlines the path to full fiber connectivity, from concept to completion.

With public investment in wireline fiber infrastructure, municipal FTTX networks are a viable and affordable alternative to connect everyone to universal, affordable, and reliable internet service.

End-to-End Infrastructure Services

Plan

Broadband Surveys
FTTX Feasibility Studies

Design

Network Architecture
Permitting
Make Ready
Third Party Licensing
Route Selection

Construct

Aerial and Underground Infrastructure
Bridge Conduits
Splicing and Terminations
Testing and Certifications
Headend and Site Construction

Install

Residential and Business Equipment
Multi Dwelling Units (MDU)
Fiber Drops
Network Terminal Equipment (NTE)
Wireless / Router Setup
Network Connection Provisioning
Customer Education

Operate

Day-to-Day Equipment Monitoring
Customer Service and Support
Network Performance Monitoring

Maintain

Plant Maintenance
24/7/365 On Call Service
Storm Damage Response
Utility Relocation





Our Municipal Fiber Broadband Solution

At Sertex, we believe that every community deserves the benefits that a fiber network can provide. Yet, telecom giants have historically controlled access by deciding where networks go and who gets served. This antiquated model is the reason for the digital divide that exists today. The answer is municipally-owned networks to ensure equitable, affordable, and reliable broadband access for all.

Our public/private partnership model gives communities freedom with 100% ownership control and 100% fiber connections. Unlike private providers that refuse to provide universal service, lock municipalities into proprietary platforms, or have complex investment schemes, municipal networks are community supported, self-sustaining, and revenue generating.

SertexConnectSM Planning Services

Sertex helps towns take the critical first steps on the path to a fiber future with Broadband Surveys and FTTX Feasibility Studies.

Broadband Interest Surveys

Assess satisfaction and demand

Capture speed data

Engage broadband champions



FTTX Feasibility Studies

High-level design

Construction pricing

Financial proforma



Trust Sertex

We work harder and smarter to deliver.

With over 33 years of experience in the telecommunications and fiber optics industry, we share our expertise to help municipal partners meet their growing bandwidth demands for today and into the future.



Bringing Fiber Internet to Block Island

Sertex is proud to partner with the Town of New Shoreham, RI to build the Ocean State's first municipal FTTX network. BroadbandBI will extend fiber island-wide from its existing community anchor institutions through a **53 mile** fiber network and connect nearly 1,800 parcels with **62 miles** of underground drops.

Located 10 miles off the mainland, the Block Island deployment is challenging. It has required transporting equipment and materials by ferry, strict compliance with environmental permitting, and ongoing outreach to island residents and businesses. The project is on track to be completed by Fall 2022.

Massachusetts Last Mile Towns

In 2016, Sertex began working with multiple service providers and towns in Western Massachusetts to construct, maintain, and provide customer installations for municipally owned fiber to the home (FTTH) networks funded by the Last Mile Infrastructure Program. To date we've built over **1,500 miles** of fiber optic cable plant and connected over 20,000 customers in 17 communities.

"Sertex was a great partner. Their team educated us, step-by-step, and answered every question. They included us in their process. In the end, we too became experts!"

Peter Geller, Otis Wood Lands

SharonConnect Feasibility Study

Sharon, CT partnered with Sertex to develop a feasibility analysis for an open-access FTTX network servicing 100% of all town residents, businesses, government and emergency service providers. Completed in January 2022, the financial and engineering study outlined the design requirements and costs for a network connecting approximately 1,700 homes over **116 miles** of road.

"Sertex delivered everything we expected and more. Thanks to their comprehensive analysis, we understand the engineering and equipment needs of the network, how much it will cost to build and maintain, how long it will take to construct, and how the town can finance the project. Sertex has been an excellent partner. They under-promise and over deliver."

Jill Drew, co-chair of Sharon Connect Internet Task Force

Open your community for growth with a municipal FTTX network.

Call us at 860-317-1006 or email getconnected@sertexbroadband.com to get started!

Visit www.sertexbroadband.com to learn more and subscribe.

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