



Introducing a Comprehensive Statewide Plan

The Ohio Middle Mile Consortium (OMMC) formed in February 2010 to integrate three comprehensive community infrastructure applications for federal stimulus funding under the American Recovery and Reinvestment Act (ARRA).

Because of its 23 years experience successfully operating a statewide network, the Ohio Board of Regents called on the Ohio Academic Resources Network (OARnet) to coordinate integrating the three OMMC applications to the Commerce Department's National Telecommunications and Information Administration (NTIA).

The successful proposals are netting Ohio \$200 million in federal, state and private investment. The grant recipients are:

- Horizon Telcom in southeastern Ohio
- Com Net, Inc. in western Ohio
- OneCommunity in northeastern Ohio

Although each of the three OMMC projects can stand on its own merits, together they represent a seamless middle mile solution for the state. OARnet is a sub-recipient in all three grants, ensuring a coordinated and comprehensive approach.

Expanding Ohio's Broadband Infrastructure

The OMMC projects complement OARnet's statewide network by increasing middle mile connection points (points of presence, or "POPs") from the current 14 to 68. The expanded distribution of POPs dramatically reduces "last mile" costs for connectors throughout the state.

The OMMC applications collectively add more than 3,500-plus miles of optical fiber in the state.

The maps below illustrate the OMMC coverage.

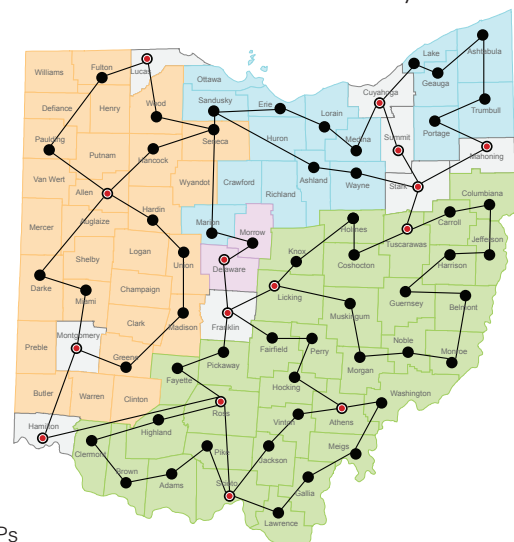
Pre-ARRA Funding

Middle Mile Points of Presence With Network Inter-Connectivity



Post-ARRA Funding

Middle Mile Points of Presence With Network Inter-Connectivity



Com Net, Inc.
 OneCommunity
 Horizon Telcom

Consolidated Electric Area Round 1 Awardee
 Interconnection Counties (Large Urban Areas)

Providing Broadband To More Ohioans

The OMMC projects will expand the middle mile access for local and statewide networks, resulting in a broader range of affordable broadband services to their clients. This will, in turn, provide enhanced and extended broadband Internet, video and voice services to Ohio community anchors.

This infrastructure will support new initiatives reaching unserved and underserved Ohioans, as well as initiatives promoting the retention and creation of jobs in economically distressed areas of the state.

Guiding the Consortium

OARnet, the technology operations arm of the University System of Ohio, will provide the strategic and administrative support for Ohio Middle Mile Consortium projects.

The OARnet-facilitated OMMC Project Model, illustrated to below, establishes an executive committee with representation from each of the three lead applicants, as well as a technical committee to focus on sustaining collaboration.

This structure will foster cooperation, growth and sustainability and will further enhance broadband services within Ohio.

Optimizing Ohio's Future

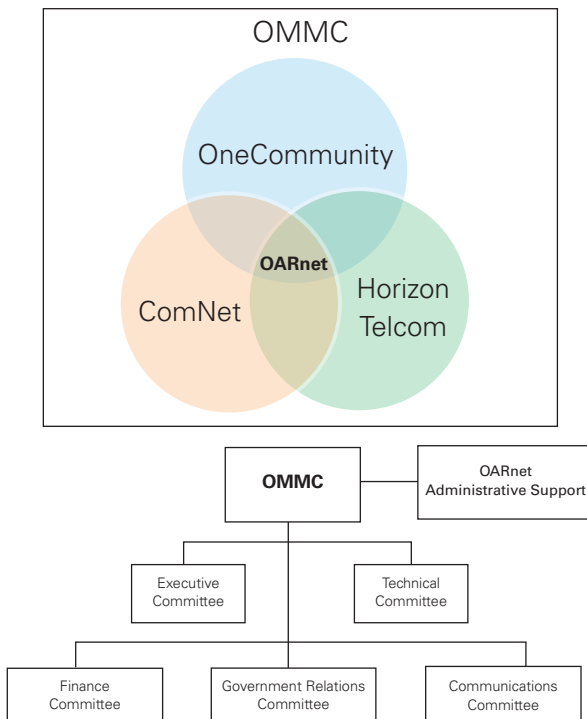
Recent Ohio ARRA initiatives that support renewable energy, ambulatory surgical care facilities, affordable housing, green jobs, and a host of other programs require affordable and accessible broadband services to realize their goals.

Broadband access is essential to transition Ohio from its traditional industrial economy to a global technology and advanced manufacturing economy.

Comprehensive broadband services for the state are vital to support educating, developing and retraining the workforce to realize the opportunities of the future.

OMMC-Related Projects Projected To Reach:

- 3.6 million households
- 534,000+ businesses
- 83 private and public universities and colleges
- 34 community colleges
- 2,356 K-12 and career training centers
- 1,300+ health care facilities
- 2,200 state and local government offices
- 1,500 public safety operations
- 429 libraries
- 207 industrial parks



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