



MADISON UNIFIED FIBER NETWORK

AN OVERVIEW FOR THE DANE COUNTY BROADBAND TASK FORCE

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AGENDA

- MUFN History
- MUFN Organization
- MUFN Membership
- MUFN Service
- MUFN Role
- Next Steps

MUFN HISTORY TIMELINE

- 2000 – 2006: roundtable / identified mutual interest projects
- 2007: formally developed “pin map”
- 2008: network engineering / BTOP grant submission
- 2009: won \$8.86MM BTOP grant from NTIA
- 2010 – 2012: built network / bootstrapped operations
- 2013: formed MUFN-Consortium, Unincorporated Association
- 2014: received 501(c)4 designation from IRS

MADISON UNIFIED FIBER NETWORK – MUFN-C, U.A

- 501 c(4) Consortium
- A virtual organization with no direct employees

GOVERNANCE

- Organization Bylaws
- Articles of Association
- Oversight Committee

MISSION AND VALUES

- **MUFN Mission:** We deliver sustainable connectivity in Dane County to enable digital innovation and collaboration to meet the needs of our members.
- **Our Values:** Sustainable, Collaborative, Scalable, Shared Prosperity, Transparent, Stewardship, Membership

HOW CAN AN ENTITY BECOME A MUFN MEMBER?

- Membership application
- Membership agreement
- Asset contribution
- Annual usage fees
- Member participation

MUFN SERVICE

- Members have access to a collaborative fiber-optic network managed by MUFN
- The fiber assets in the current network are vastly owned by existing MUFN members
- Members may share strands with other members per their discretion.
- Members share the cost of new fiber builds per their discretion

MUFN ROLE

- Brokers fiber builds and allocation among members
- Facilitates fiber builds and allocation among members
- Runs MUFN Operations
- Monitors sustainability of the MUFN Network

MUFN OPERATIONS

- 24x7 Network Mgmt Center (NMC) (WIN Technology)
- Network engineering & technical support (UW)
- IT services (e.g. event notifications, servers/storage) (SupraNet)
- Fiber database (City of Madison)
- Diggers Hotline (cable locates) (GLS Utility)
- Fiber break-fix (various vendors on contract)

MONITORING SUSTAINABILITY

- Budget
- Capacity planning
- Fiber Allocation
- Sustainability sub-committee

IS MUFN RIGHT FOR YOUR NEEDS?

- We encourage each local municipality/entity to attend an oversight committee meeting to start a conversation about possible opportunities to collaborate.

To find out when is the next MUFN meeting, reach out to Sarah Edgerton for an invite sedgerton@cityofmadison.com

MUFN MEMBERS

City of Madison
City of Middleton
City of Monona
Dane County
DaneNet
State of WI Department of Public Instruction
Madison College
Madison Metropolitan School District
Middleton-Cross Plains Area School District
Monona Grove School District
Oregon School District
South Central Library System
State Lab of Hygiene

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SupraNet (service provider)
UnityPoint-Meriter (hospital)
UW-Extension Geological and Natural History Survey
UW-Hospital and Clinics
UW-Madison Division of IT (DoIT)
UW-Madison School of Medicine and Public Health
WiscNet (service provider)
WI Army National Guard (WIARNG)
WIN Technology (WIN) (service provider)
UW Medic

CONTACT MUFN

- [Contact Us Form on our Website](#)