

Welcome



Betty Burke
NANOG Project Manager
Merit Network, Inc



Merit Network: Connecting People and Organizations Since 1966

Thank You!

- Hosts
 - NANOG40 Host, Contributors, and Sponsors
- Steering Committee
- Program committee
- Merit Team



Merit Background

Merit Network, Inc. is a nonprofit, member-owned organization formed in 1966 to design and implement a computer network between public universities in Michigan. After 40 years of innovation, Merit continues to provide high-performance networking and services to the research and education communities in Michigan and beyond.

Merit continues to leverage its experience managing NSFNet, the precursor to the modern Internet, to catapult Michigan into the forefront of networking technologies. Merit is in the process of implementing a 10 Gbps backbone across Michigan to continue to provide a flexible, robust architecture to support the research and education needs within the region.

Merit believes in the strength of a robust educational community. By connecting organizations, building relationships, sharing services; educational institutions and our partners can achieve far more together than we can alone.



Merit's Mission

- To be a respected leader in developing and providing advanced networking services to the research and education community. Merit is a trusted source for providing high-quality network infrastructure; initiating and facilitating collaboration; and providing knowledge and technology transfer through outreach.

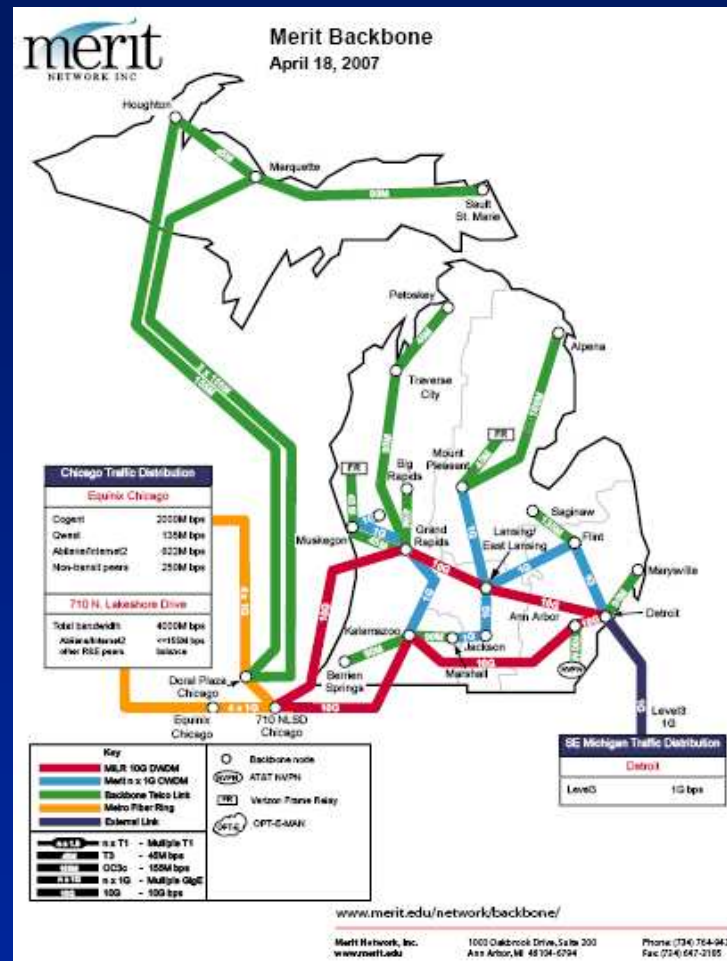


Operating Strategy

- 1. *Develop and Maintain an Advanced Network.***
- 2. *Grow a Stronger Merit Community.***
- 3. *Leverage the network.***
- 4. *Provide economies of scale.***
- 5. *Transfer Knowledge.***
- 6. *Advance Networking Research.***



Merit Regional Network



<http://merit.edu/network/backbone/pdf/backbone.pdf>



Merit Network: Connecting People and Organizations Since 1966



Merit Backbone Southeast Michigan April 18, 2007



Key	○ Backbone node
MLR 100 DWDM	AT&T NV/PI
Merit n x 1G CWDM	Verizon Frame Relay
Backbone Telco Link	CPT-EBAH
Metro Fiber Ring	
External Link	
n x T1 - Multiple T1	
T3 - 45M bps	
OC3c - 155M bps	
n x 1G - Multiple GbE	
10G - 10G bps	

www.merit.edu/network/backbone/

Merit Network, Inc. 1000 Calbrook Circle, Suite 200 Phone: (734) 794-9400
www.merit.edu Ann Arbor, MI 48104 Fax: (734) 647-2185

