

*Welcome to Michigan and
Welcome to NANOG 47!*

What is Merit and why should I care?



Why is Merit involved with NANOG?

- Merit was formed in 1966 by the University of Michigan, Michigan State and Wayne State University
- 80s and 90's Merit/IBM/MCI were operating the NSFNet
- Needed a way for operators to collaborate
- June 2-3 1994 NANOG 1 was held in Ann Arbor
- Merit has hosted NANOG as a project ever since



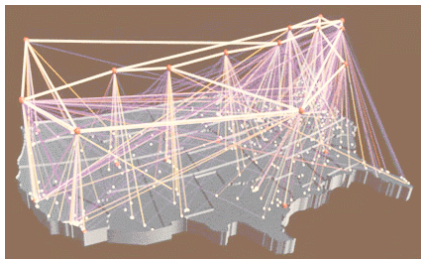
Michigan
Educational Research
Information Triad



MichNet



NANOG



Merit Network

Merit is a member-focused provider of network and related services; a trusted strategic partner to the education and non-profit community for over 40 years.



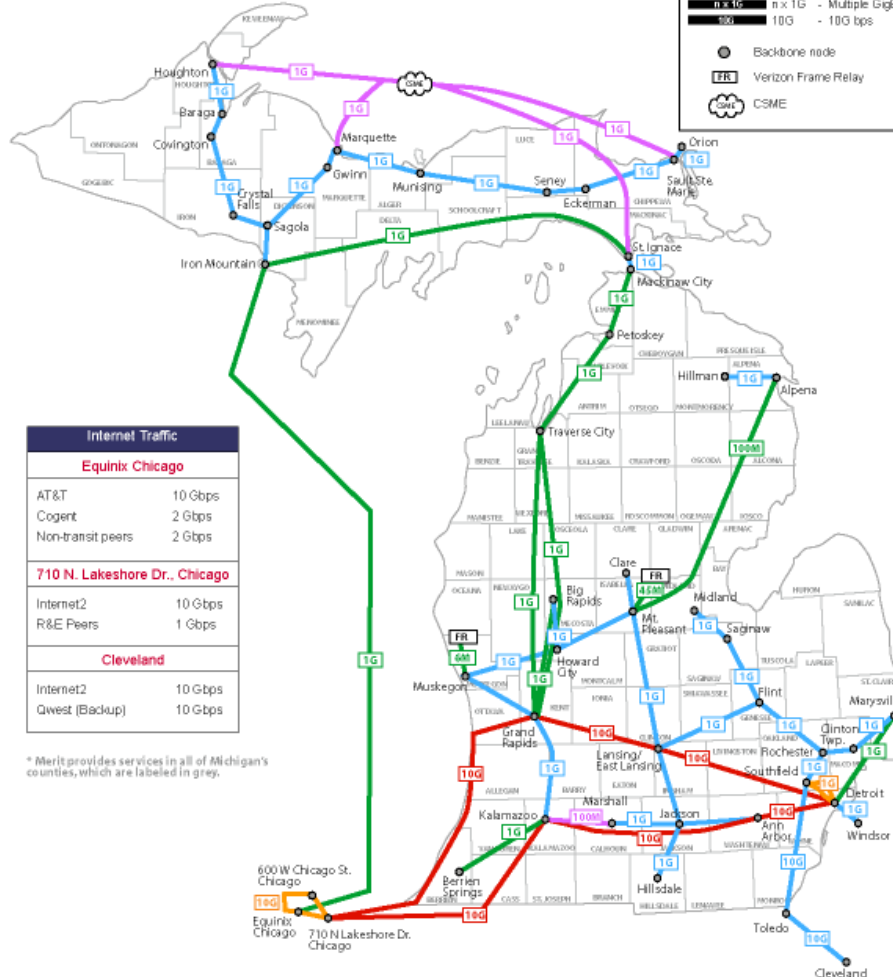
Merit Backbone July 17, 2009

Key

- MLR 10G DWDM
- CSME
- Merit Fiber
- Backbone Telco Link
- Metro Fiber Ring
- External Link

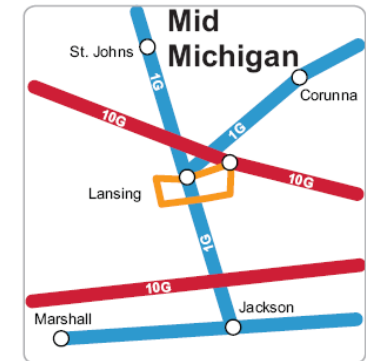
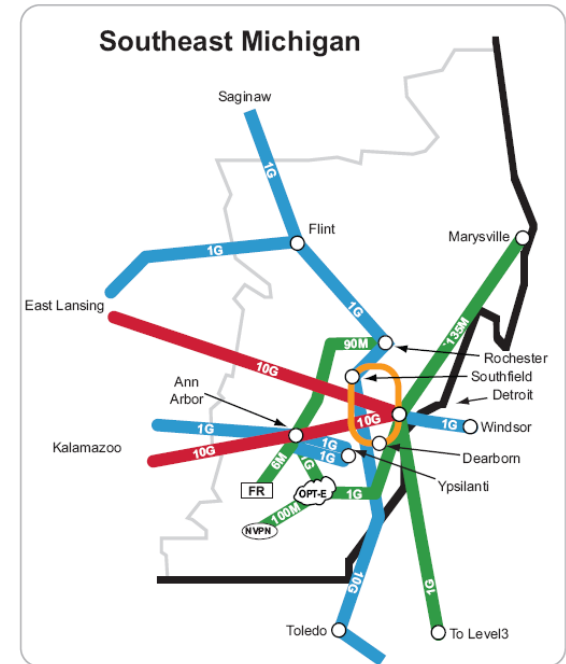
n x 1.5 n x T1 - Multiple T1
10G T3 - 45M bps
100M OC3c - 155M bps
n x 1G n x 1G - Multiple GigE
10G 10G - 10G bps

● Backbone node
FR Verizon Frame Relay
CSME CSME

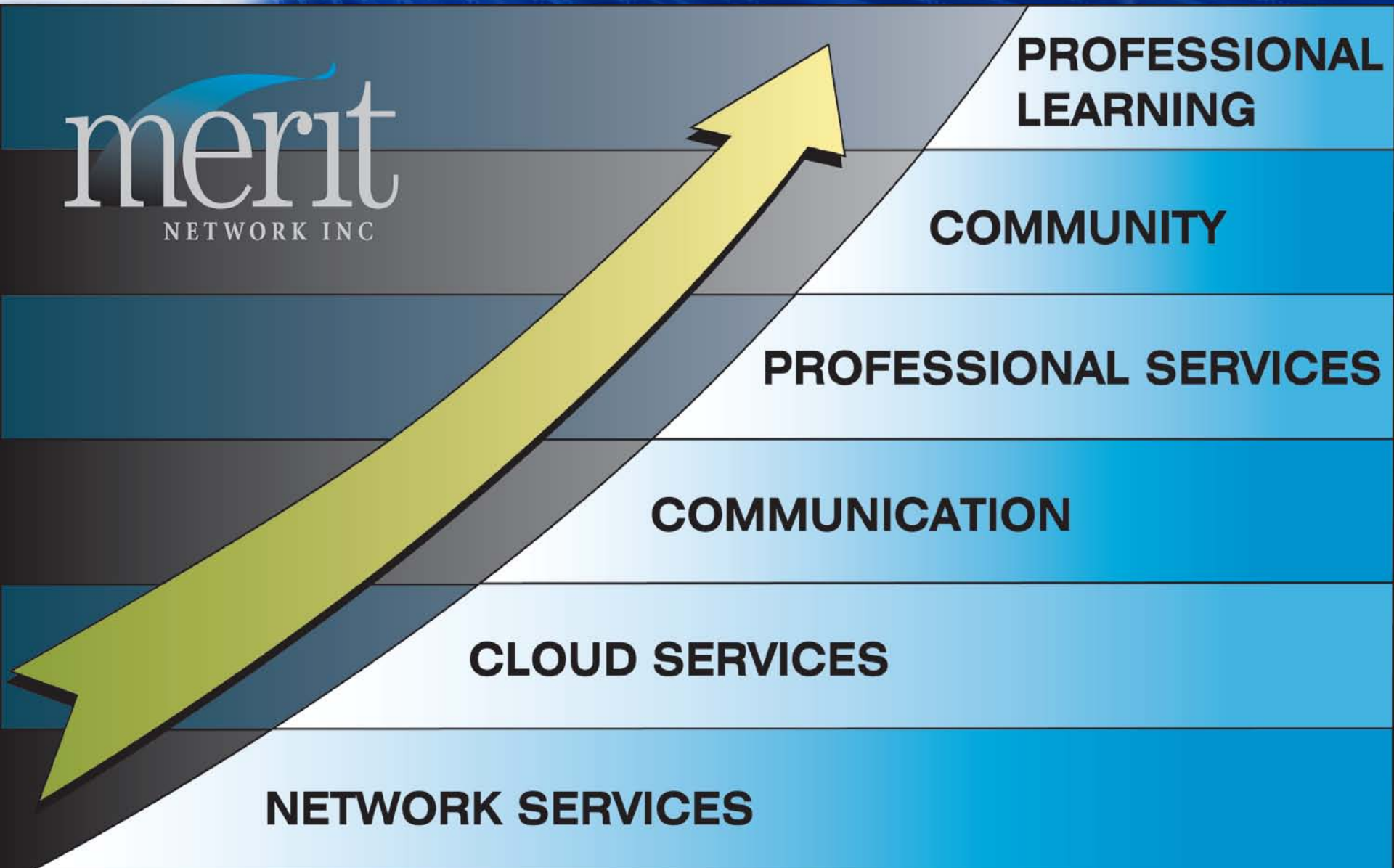


Internet Traffic	
Equinix Chicago	
AT&T	10 Gbps
Cogent	2 Gbps
Non-transit peers	2 Gbps
710 N. Lakeshore Dr., Chicago	
Internet2	10 Gbps
R&E Peers	1 Gbps
Cleveland	
Internet2	10 Gbps
Qwest (Backup)	10 Gbps

* Merit provides services in all of Michigan's counties, which are labeled in grey.







**PROFESSIONAL
LEARNING**

COMMUNITY

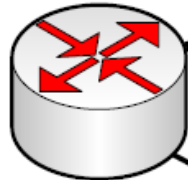
PROFESSIONAL SERVICES

COMMUNICATION

CLOUD SERVICES

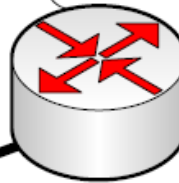
NETWORK SERVICES

Nanog 47 Connectivity



Merit
Ann Arbor

Merit 10G to Chicago



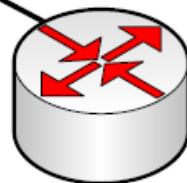
Merit
Chicago

Internet

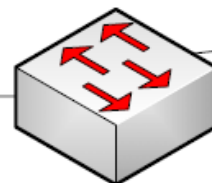
50M AT&T



Hyatt Regency Dearborn



NANOG Router
Dearborn



Meeting
Rooms

