AGENDA

1. Brief DANC Overview
2. Current Network
3. Customers/locations
4. Recent Initiatives
5. Grant Thoughts

26th Annual Local Government Conference
March 26, 2015
Completed in 2003, carrier class Open Access Telecommunications Network connecting our region to collocation facilities in Syracuse.

Goal was to bring competition to the area, choices in service and prices.

Originally 550 miles of fiber optic cable and 10 Central Offices installed.

Authority is a wholesale service provider, not a retail service provider.

Focus on middle-mile transport with some private network builds.

Economic Development initiatives.
• 1250 Miles of Fiber
• 21 Central Office locations
• World class carrier network
• Largest Public network in NY
• Leased wavelengths to Albany
Network Customers

Over 85 healthcare locations across Northern. NY
CUSTOMERS – Aggregate Usage versus Revenue

[Graph showing revenue and circuit capacity from FYE 2007 to FYE 2014]
MAJOR CUSTOMERS

SCHOOLS
- 70 Schools
- 1 Gbps each
- Distance Learning

Healthcare
- 2 Major Telemedicine Networks
- Over 100 Healthcare Facilities

Wireless Towers
- 4 G Capability
- Over 50 Cell Towers

Municipal and Business
- NY State OFT – 18 sites
- 278 Business
Serving Fort Drum

- 2 Diverse paths from Fort Drum to rest of the world
- Delivering multiple services including wavelengths and traditional capacity
- 10 Gbit/s being delivered in total
- Carrying sensitive traffic
PUBLIC EMERGENCY NETWORK

- New initiative
- Linking 911 Centers in 11 Counties
- 20 total locations at this time
- Allows for application sharing and shared services
Schools Served
Healthcare Locations
Wireless Towers – 4G Capability
Municipal and Business Customers
All Facilities
DANC Initiatives

- **LAST Mile Loan Fund:** Foster last-mile builds in un-served or underserved (only 1 carrier) areas. Evaluate ways to utilize some of the existing DANC Middle Mile network.

- **Fund Amount:** $1,000,000 Loan Fund
  - $500,000 ConnectNY
  - $500,000 DANC

- **Revenue Share**
  - No up-front cost
  - Sevey’s Corners
  - Lowers Capex – easier to serve customers

- **Public Emergency Network**
  - Linking 11 Counties for critical services and sharing opportunities.

- **Tupper Lake to Long Lake Build**
- **Fiber swaps**
- **Joint Builds**
  - Piercefield, Cranberry Lake, Childwold, SUNY ESF, Nicholville – Malone

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Grant Thoughts

- Revenue Share for underserved/residential areas
- Public Private Partnerships
- Reduce/eliminate network overlap – utilize existing infrastructure
- Joint ownership
- Focus on 100 Mbps service = Fiber
- Local Government Involvement/Municipal Networks

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