New NY Broadband Program

David Salway, Executive Director, NYS Broadband Program
NYS Broadband Program Office

- Chief Broadband Advisor to Governor Cuomo - Recommends Broadband Programs and Policies
- Single Point of Contact for NYS Broadband
- Supports Broadband Initiatives for 10 REDCS
- Administers Broadband Grant Programs
- Partners with Local, State and Federal Agencies
- Conducts Outreach – Public, Provider, and Other Stakeholder
Our Partners – Essential to New York’s Success

- Federal Government – FCC / USDA / RUS/ NTIA
  - Partner to Explore Opportunities for Funding
  - E-Rate Collaboration

- State Government
  - Public Services Commission – Streamline Regulations
  - Department of Transportation/Thruway Authority – Dig Once Policies

- Provider Community
  - Public Interest Groups – NYSTA, NYSWA, WISPA
  - Public/Private Partnerships to Expand Networks

- Educations/Libraries
  - State Education Department (100 Mbps Speed Threshold)
  - School Districts / BOCES
  - Education Superhighway

- NYS Legislature / Local Community Government
  - Explore opportunities in Districts/ Municipalities
NYS Broadband Landscape

• **6 Mbps/1.5 Mbps** (New York definition of “broadband”): 1 million residents and 4,000 businesses lack access

• **25 Mbps/10 Mbps**: 5.4 million residents and 55,000 businesses cannot lack access to broadband at these speeds

• **100 Mbps/10 Mbps**: 7 million residents and 113,000 businesses cannot get access to broadband at these speeds.
  
  • 70 percent of upstate New Yorkers cannot access broadband at 100Mbps, including thirty-two counties with no access at all to broadband at that speed
NYS Broadband Landscape

- 6 Mbps/1.5 Mbps (New York definition of “broadband”):
- 1 million residents and 4,000 businesses lack access
6 Mbps Download/1.5 Mbps Upload

- 21% or 21,146 People Lack Access
- 25% or 12,216 Housing Units Lack Access
  - Seasonal Homeowners
  - Extended Stays
  - Spend More $ Locally
25 Mbps Download/10Mbps Upload

- 88% or 91,650 People Lack Access
100 Mbps Download/10Mbps Upload

- 100% or 103,880 People Lack Access
$70 Million in Broadband Investments

- Provide High-Speed Internet Service to:
  - 160,000+ Households
  - 8,000 Businesses
  - 500+ Community Anchor Institutions
New NY Broadband Program

$1 billion broadband program that leverages both public and private resources to ensure every New Yorker has access to high-speed Internet by 2019

The largest and most ambitious broadband commitment in the nation.
Components of the New NY Broadband Program

1) **Funding**

- Public/private sector partnerships and a required private sector match of at least 1:1
- The ability of the State to recoup some of its investment through return on loans and investments made
2) **Speeds**

- Unprecedented broadband speeds up to 100 Mbps in most places. 25 Mbps to New York’s most remote communities

3) **Deployment**

- Regional, ground-up deployment planning with the help of the Regional Economic Development Councils
- Enhanced NYS Broadband Mapping Program
- Leveraging of state-owned fiber and other assets
  - Fiber, Conduits, Land
4) **Policy**

- Streamlining State policy and regulations to speed up and reduce costs of deployment
  - Make Ready, Rights of Way, Pole Issues
- Development of a web-based State Broadband Deployment Resolution Center
  - Resolve deployment-related bureaucratic, administrative, and regulatory issues
  - Broadband documentation repository
Broadband Community Planning Toolkit

Overview on how to help deploy broadband in your community

- Develop goals for building a broadband network
- Identify stakeholders/community champions
- Develop asset lists and collect data
- Identify potential partners
- Fund broadband projects
5) **Broadband Adoption**

- **I Link NY**
  - Designed to increase sustainable broadband adoption by..
    - Providing low-cost broadband service
    - Providing low-cost/no cost devices
    - Providing digital literacy training
$2 Billion Smart Schools Initiative

• Provide students’ access to state-of-the-art classrooms
• Ensure schools are equipped with robust broadband infrastructure
• Enable community access to high-speed Internet

“In order to effectively integrate technology into the classroom, there needs to be sufficient access to the Internet in both schools and communities.”

– Governor Andrew M. Cuomo
Universal Broadband Access by 2019
Broadband For All

#Broadband4All

https://www.ny.gov/programs/broadband-all