



IT Transformation Update

New York State Office for Technology

NYS Forum Monthly Meeting
Daniel C. Chan, NYS Acting CIO
January 13, 2012



TOPICS



- IT Transformation – the “Doing-It-Together” Way
- Think Big and Act SMART
- Use Data to Make Decisions
- Embrace the Core Values: WE WORK FOR THE PEOPLE; with Performance, Integrity and Pride

Four IT Transformation Projects

1. Statewide Email Consolidation
2. Enterprise Identity and Access Management
3. Converged Network Services
4. Data Center Consolidation with BC Capability

The Doing-It -Together Way

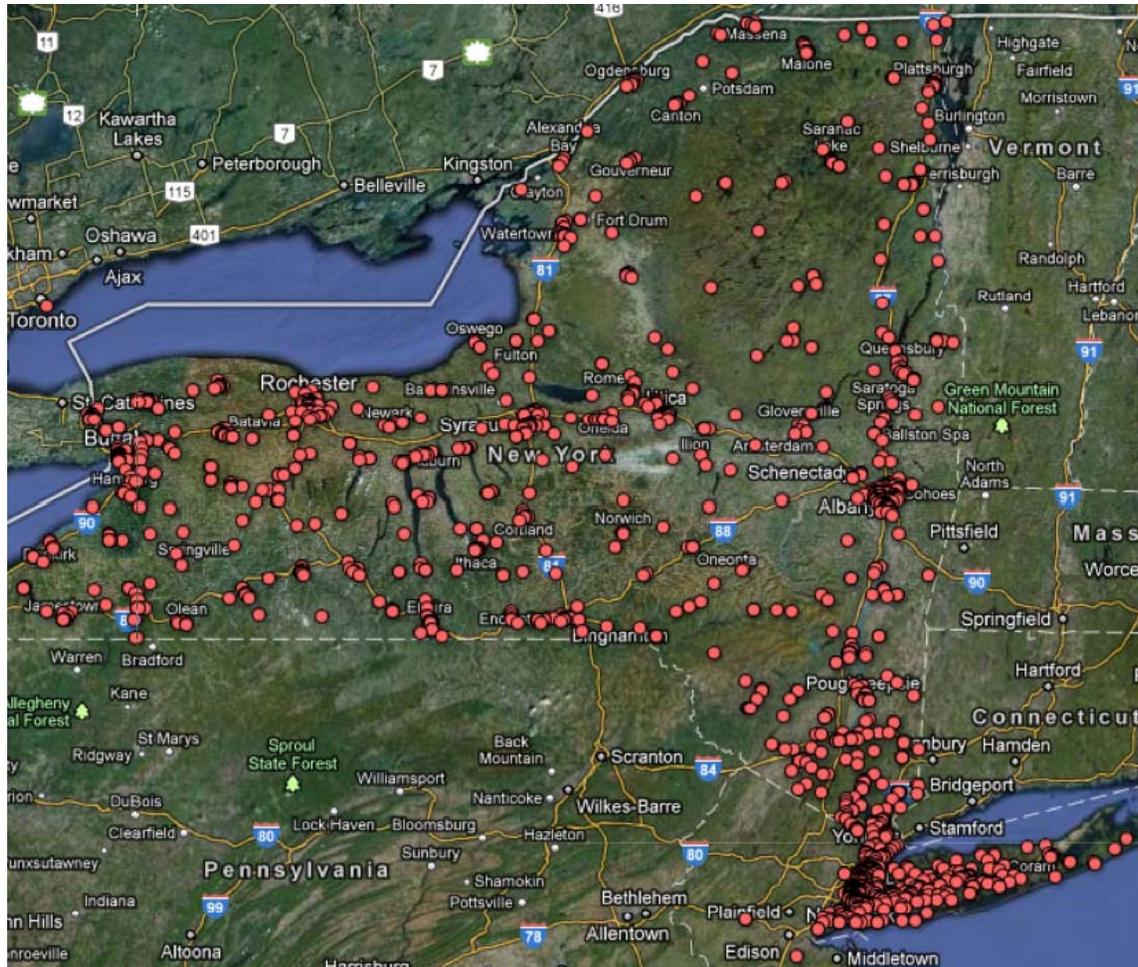
- 4 Workgroups including 120+ Subject Matter Experts from State Agencies Met Weekly for 17 Weeks
- Established Asset Inventory & Requirements
- 3 RFIs with 71 Responses
- Advisory Committee with 15 CIOs Met Weekly for 2 Months
- Recommendations Being Finalized

Data Centers Frozen in Time



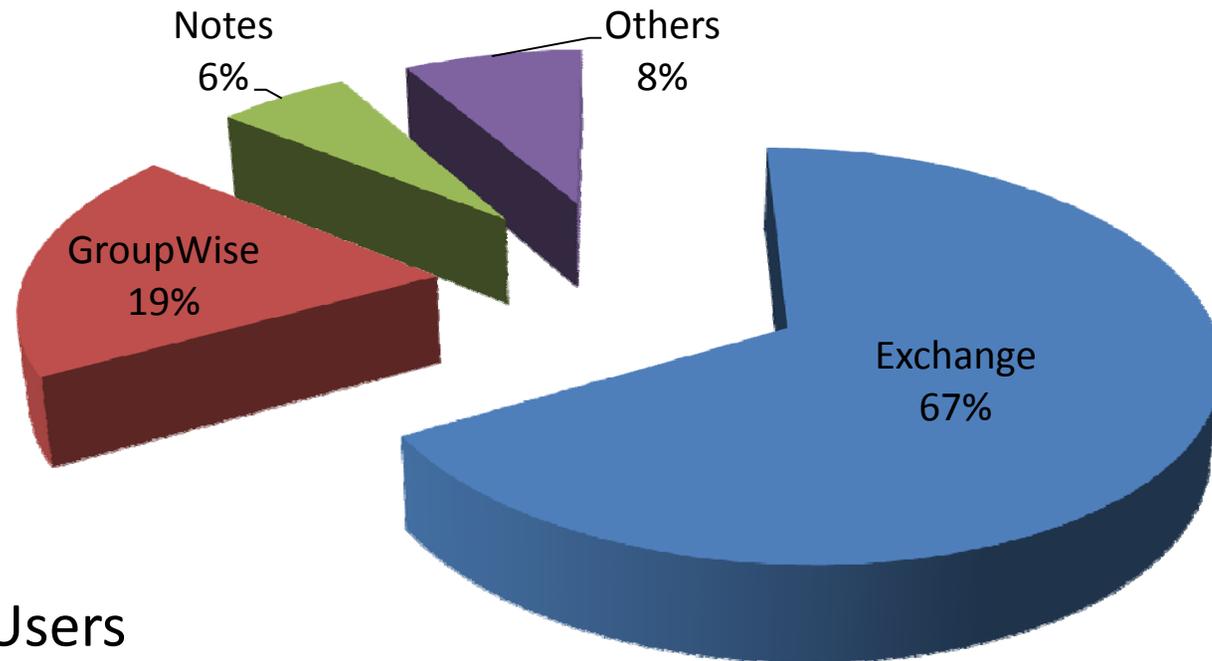
- 50 Locations
- 150,000 sq. ft. (~30% Occupied)
- 9,800 Server Instances
- 2 PBytes Storage
- Still Relying on Manual Tape Backup
- Limited DR capability

Networks Convergence Can Drive Simplification



- ~3,000 Sites With Different Bandwidths
- 150,000 LAN Ports Being Managed By Different Service Providers
- 125,000 Telephones
- Some VOIP & Video Conference Capabilities

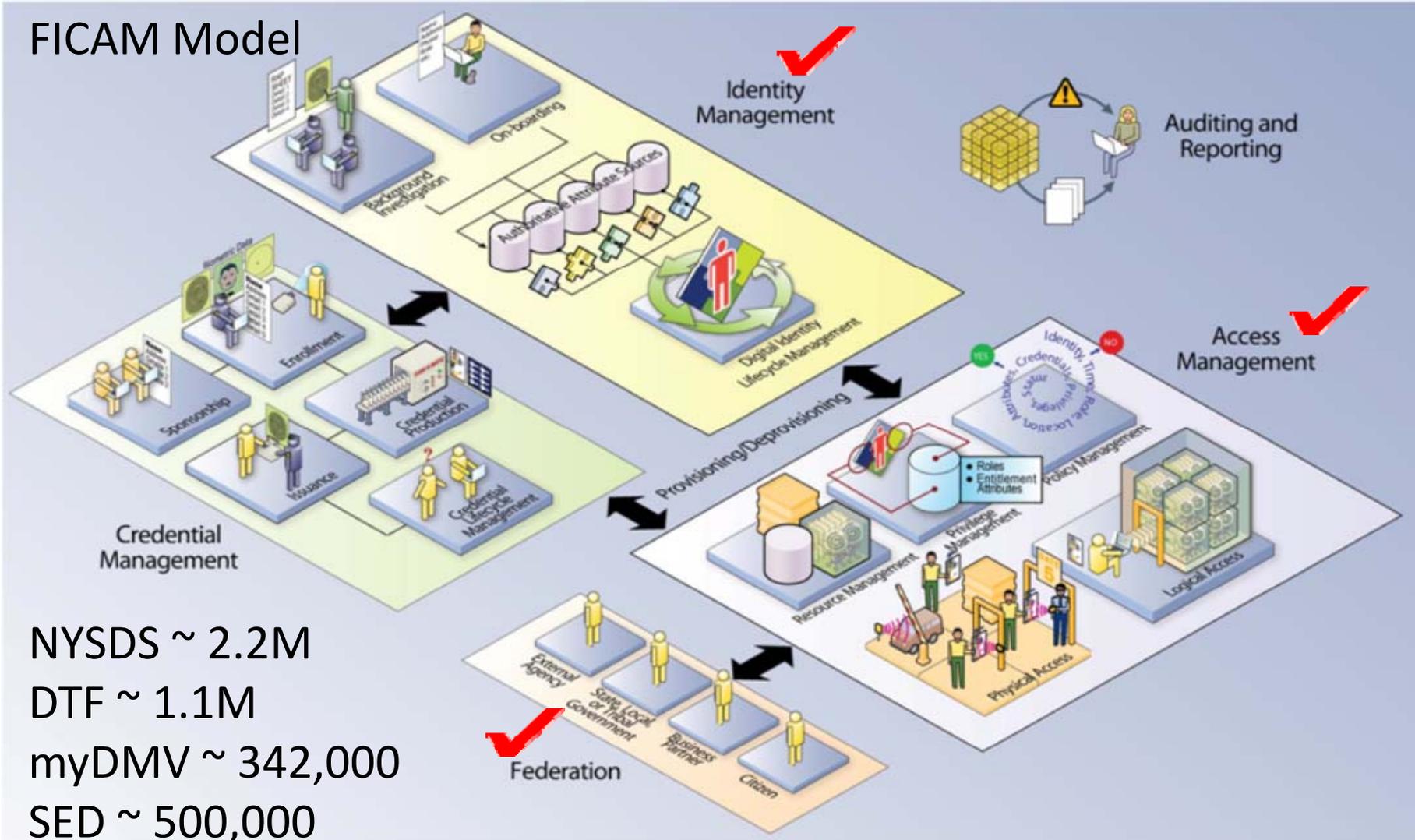
Disparate and End-of-Support Systems



- ~152,000 Users
- No Uniform Identity and Experience
- Limited Archiving Capability
- Collaboration Restricted by Walls

Some Successes in eIAM

FICAM Model



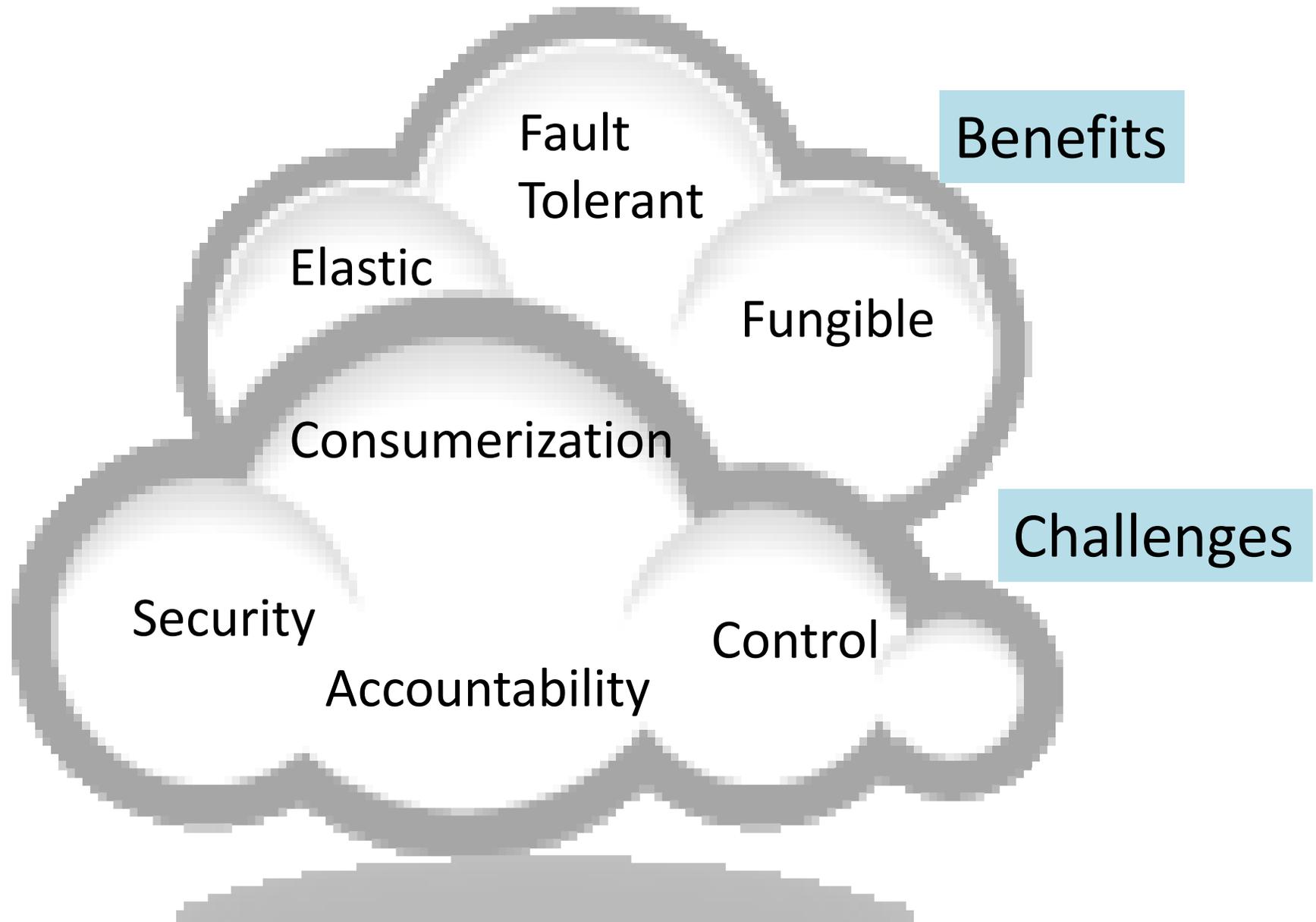
NYS DS ~ 2.2M

DTF ~ 1.1M

myDMV ~ 342,000

SED ~ 500,000

In Cloud We Trust?



Cloud Computing for NYS?

NEWSCENTER
THE WORLD WITHIN REACH



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UAlbany Students Present IT Recommendations to State CIOs

It's all about real-world experience for graduate students in Theresa Pardo's public administration course at [Rockefeller College](#). A team of UAlbany students from her class presented recommendations to New York State Acting Chief Information Officer Dr. Daniel C. Chan and CIOs from several state agencies on two important information technology (IT) issues: cloud computing and the use of personal devices in the workplace.

Pardo pursued the opportunity with Chan to challenge her students to research and recommend ways that emerging information technologies can be leveraged by state government. The students used analytical tools and techniques learned in class to help identify and manage complex decision making regarding public sector IT.



"The partnerships between

<http://www.cio.ny.gov/assets/documents/FindYourSilverLining.pdf>

Cloud is Ubiquitous...

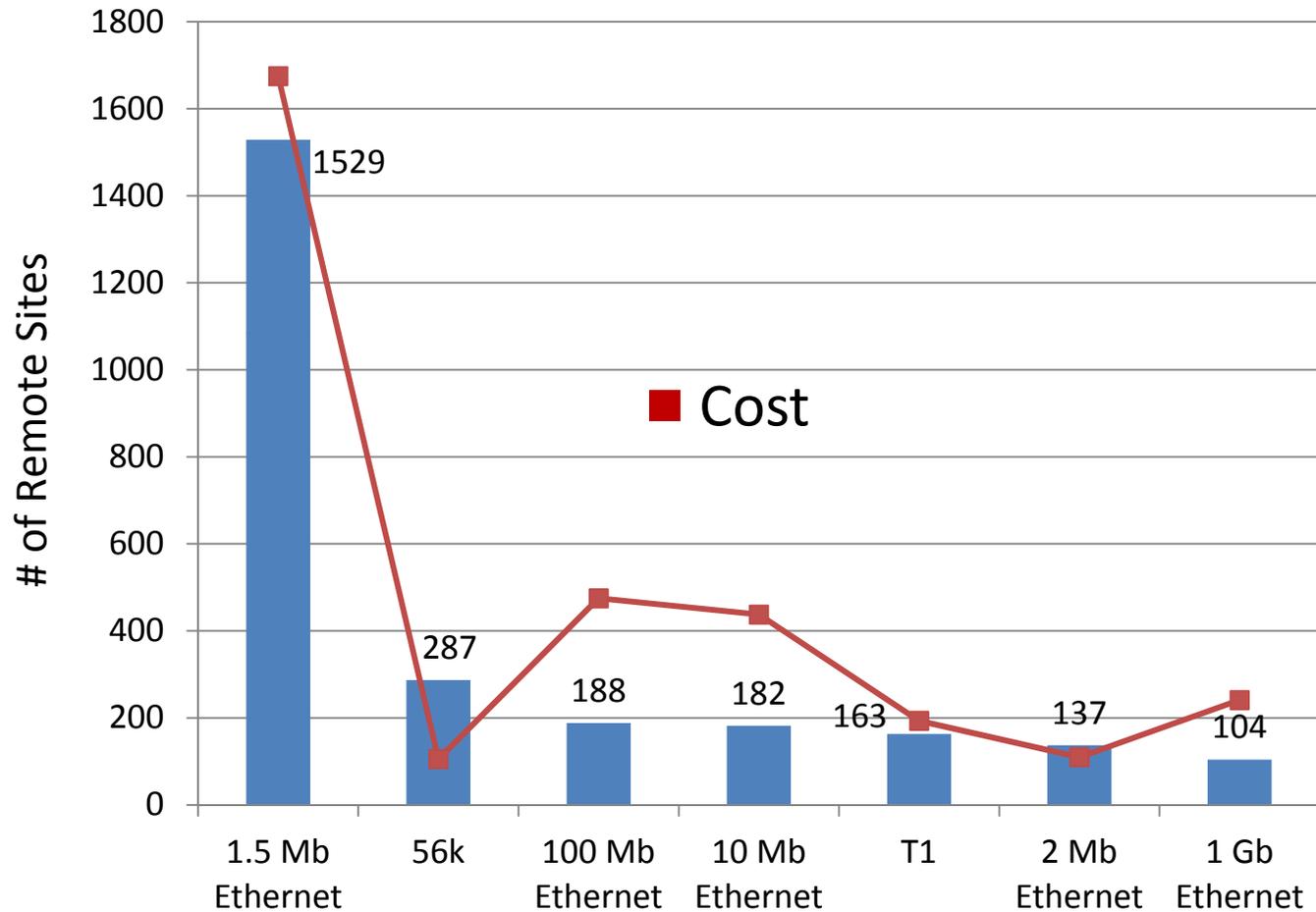
The Perspective of Consumers



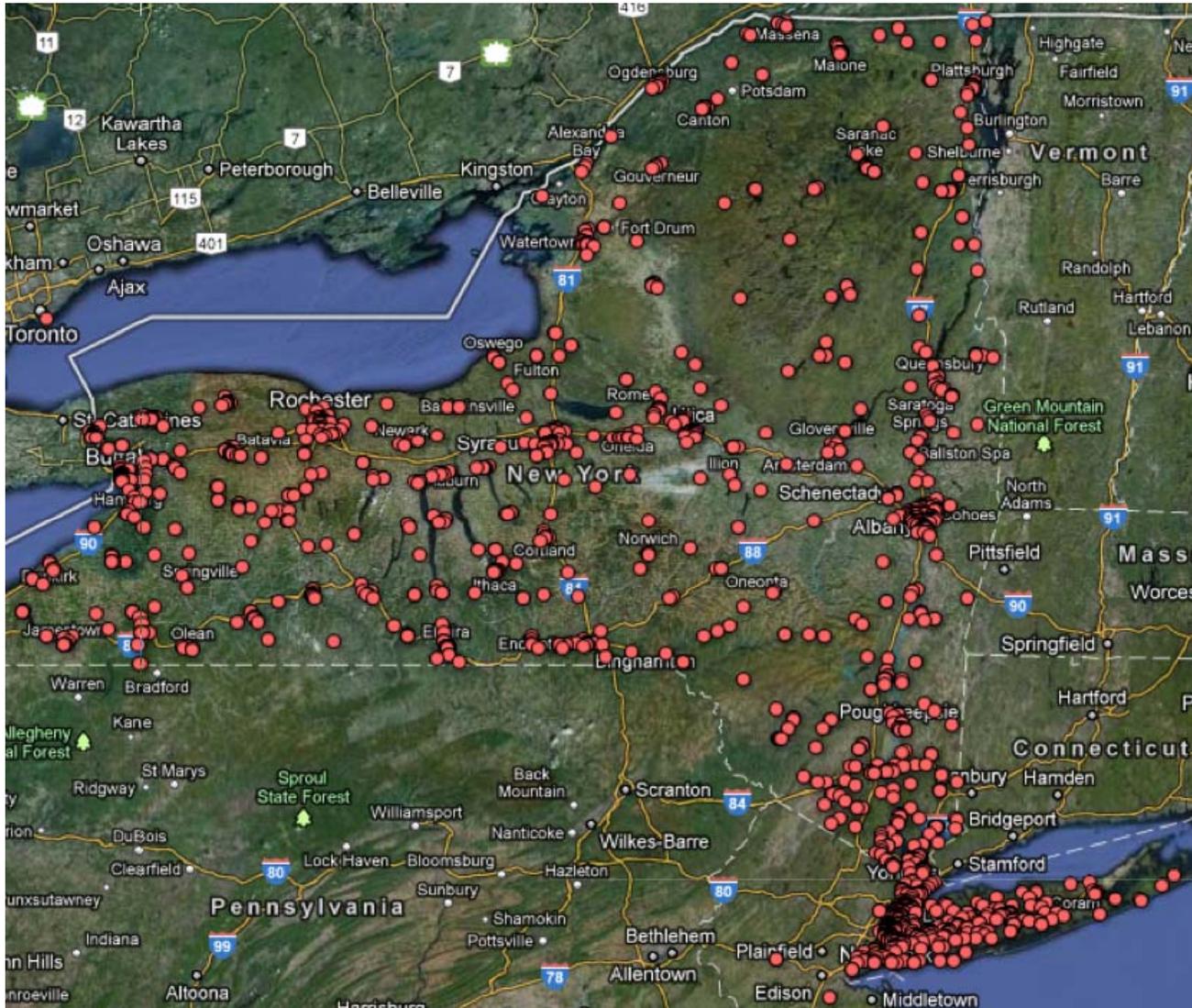
Opportunities in Networks Convergence

- Better Services Through Centralized Management
 - Holistic End-to-End View
 - Clear Entitlement
 - Rapid Response to Emergence Situations
- Faster Time to Market Innovative Applications
 - Mobility
 - Tele-presence
- Better Cost Containment to Handle Ever-Increasing Demand for Bandwidth

WAN Landscape of Remote Sites



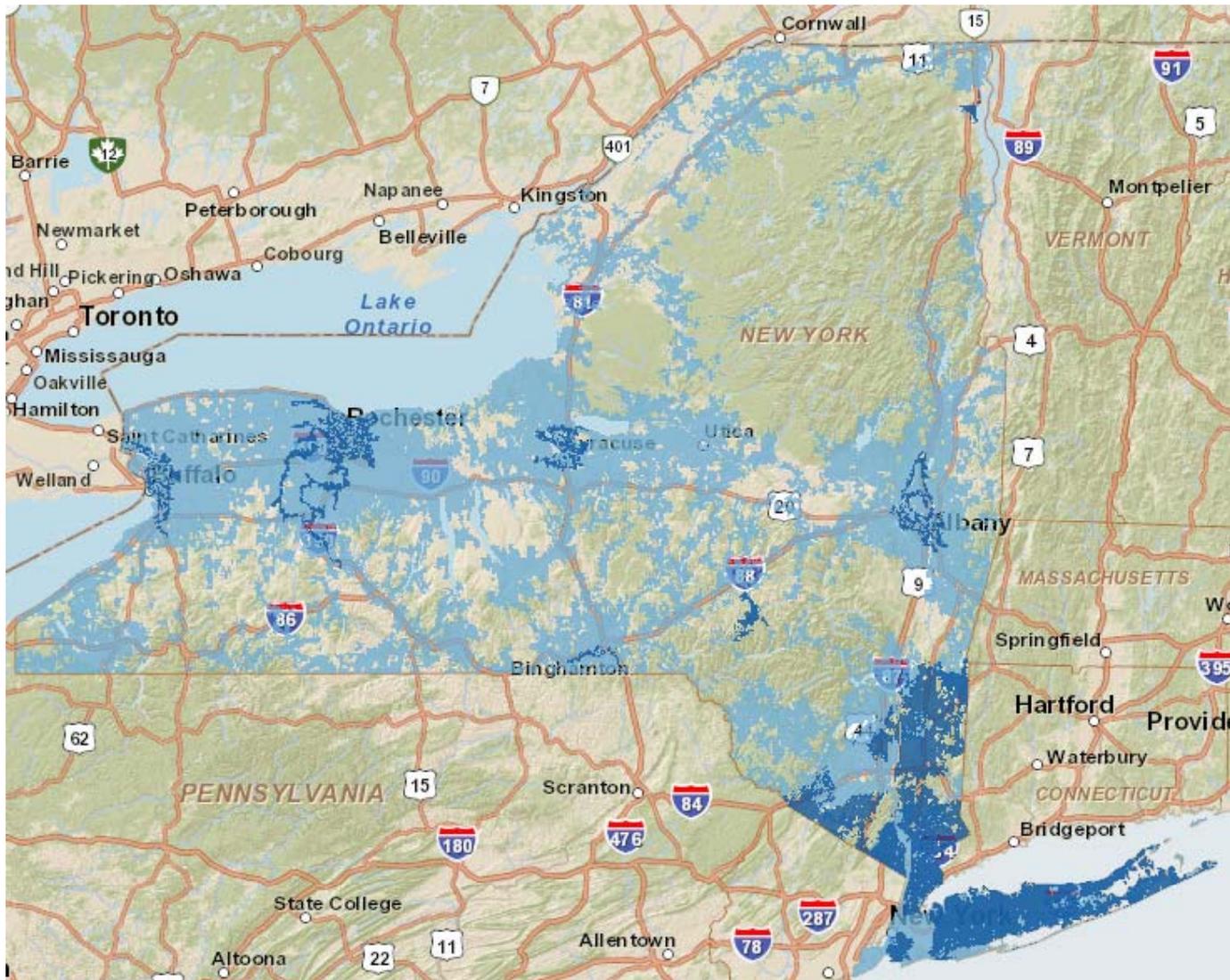
Opportunities for Public-Private Partnerships?



Advertised ISP for 100 – 1,000 Mbps



Plus 10 – 25 Mbps...



Questions?

