



networkMaryland™ Advisory Group
October, 2010
45 Calvert Street
Annapolis, Maryland



Attendees:

Advisory Group

Richard Aldridge
Michael Springfield
John Gallagher
Sidney Drake
Norwin Malmberg
Chuck Bristow
Michael Walsh

Guest

Jim Millette
Paul Lennon
Brent Pulsipher
Robert Bowman
Art Ray
Ron Ward
Derek Wheeler
Andre Stephens
John Wood

DoIT

Gregory Urban
Jean Boyer
Gary Moulton
Cheryl Lincoln
Alayna Mande

• Welcome & Introductions

- Greg Urban called the meeting to order at 10:07 AM.

• Introductions

- Gregory Urban – Director, networkMaryland™
 - Quorum established
- Introduction of the networkMaryland™ team
- Introduction of guests/visitors

• Meeting Minutes Approval

- April 2010
 - Motion made by Chuck Bristow for approval of the minutes
 - Seconded by Norwin Malmberg
 - No one opposed
 - Minutes passed unanimously

- July 2010

- Motion made by Norwin Malmberg for approval of the minutes
- Seconded by Michael Springfield
- No one opposed
- Minutes passed unanimously

• New Business

- Product Roadmap
 - Establishing dates for services that are in deployment and development.
 - Suggestion to add Certificate of Authenticity Services

- Baltimore and Annapolis Fiber
 - “Clean up” fiber plan issues in each MAN
- 76 Operation Subscribers
 - 16 accepted since last meeting
 - Trending 1200-1300 circuit counts
 - Reviewed networkMaryland™ subscribers as of 10/19/2010
- New Provisioning Activity
 - Virtual Private Routed Network (VPRN)
- **State of the Network**
 - Reviewed Performance Standards and Service Levels- July 2010
 - Improved over previous month
 - Reviewed how hardware failures are categorized
 - *Request for the Engineering Committee to address sparing of hardware*
 - *Discussed the feasibility of full-replacement sparing strategy for networkMaryland equipment. DoIT will evaluate potential scenarios where a failed network element can not be fully replaced because not enough components are spared*
 - Reviewed Performance Standards and Service Levels- August 2010
 - Improved over previous month
 - Possible mathematical error on chart
 - Discussion about SLA data. DoIT will look into reporting anomalies showing 100% achieved metrics with 1 event. This could be a problem with definitions, with the reporting calculations, or with the underlying data.
 - Reviewed Performance Standards and Service Levels- September 2010
 - Error in identical field on August chart will be addressed.
- **Status of Project**
 - Ethernet everywhere
 - At capacity in several POPs
 - Received two Overture 6000s
 - Installed two OC-3s
 - Ordering “tail circuits” for Baltimore and the Eastern Shore
 - ARRA- Round 2
 - DoIT awarded \$115M for statewide project
 - Working with MdBC for deployment in rural counties
 - \$43M grant
 - \$14M State matching
 - Howard Co. led consortium for deployment in central MD
 - \$72M grant
 - \$20M cash match (\$2M State match)
 - They are bring in help to meet reporting requirements
 - Environmental Assessment in first 6-9 months
 - No new work until the environmental assessment is complete
 - Finalizing site list and fiber routes
 - 1006 anchor institutions with 1293 miles of new fiber

- Each county owns and operates fiber within that county
- Migration from ATM to native IP
 - Target date for migration- 12/31/11
 - Create non-EE “TDM” for migration
 - DoIT will work with OBA for budgeting
 - DoIT has budgeted for necessary hardware
 - Will submit to OBA for:
 - Circuit costs/EE costs for agencies
 - Consulting services
- Network Resiliency Initiative
 - Separate service delivery from core
 - *Discussion about sparing strategy for network Maryland equipment. DoIT will evaluate potential scenarios where a failed network element can not be fully replaced because not enough components are spared.*
- Deployment of multicast capabilities on SWGI
 - Currently lab testing new code version
- Akamai Agreement
 - Installed and operation
 - *Discussion about limits to system and difficulties UMUC encountered due to number of users*
- Eastern Shore Fiber Backbone Project
 - On hold pending ARRA funding
- Hagerstown fiber to DPSCS
 - Part of the ARRA proposal
- **Other Business**
 - Engineering Committee meeting
 - Monday, November 8th @ 1:30p.m.
 - Location: UMBC Technology Center
 - **Next Advisory Group meeting**
 - Tuesday, January 18th
 - Location: TBD
- **Closing Questions or Comments**
- **Meeting adjourned at 11:15 a.m.**