

networkMaryland™ Advisory Group
May 15, 2007
Annapolis, MD

Next meeting to be held
July 17, 2007 10 AM to 12 PM
45 Calvert Street
Annapolis, MD 21401



Attendees:

Advisory Group

Stuart Ragland
Ron Brothers
Norwin Malmberg
Gail Adams
Steve Molnar
Richard Aldridge
Mike McCarty
Paul Thorn

Guest

Dan Vestal
Robert Bowman
Chuck Hutzell
Paul Lennon
Ron Newcomer
Ed Quattrone

DBM

Ellis Kitchen
Greg Urban
Tim Kwong
Gary Moulton
Tia M. Johnson
Cheryl Lincoln
Joe Scher

Welcome & Introductions

Greg Urban called meeting to order at 10:05 AM.

Greg introduced himself, Ellis Kitchen Tim Kwong, Gary Moulton, Cheryl Lincoln, Joe Scher and Tia Johnson.

The Advisory Group members introduced themselves.

The visitors introduced themselves.

Approval of minutes from January meeting

A Quorum was not reached.

It was suggested to have the minutes approved via email instead of pushing the approval back until the next meeting.

State of the Network

Operational Customers

We are approaching the 1200 mark with the Layer 2 circuits.

Executive Branch

There have been no changes to this group of users.

Non Executive Branch

The SBE recently migrated to a larger, faster internet pipe provided by networkMaryland.

Non-State Customers

This is where the most growth is expected.

Recently BCC migrated to SwGI.

The Carol County government also turned up their SwGI connection.

St. Mary's City recently turned up their SwGI and internet connections and they are pleased.

The City of Laurel recently submitted a WAN request for SwGI service, and we are in the process of provisioning the service.

The Howard County government is interested in networkMaryland's Internet services.

Operations

The new WAN specialist Cheryl Lincoln joins the team from Time Warner Telecom with over 20 years of telecom experience.

The 100 Mbps circuit between the Hall of Records and UMBC is for the purpose of data replication and Disaster Recovery.

The completion of the statewide asset inventory effort has led to the retirement of a lot of the old Legacy assets and freed up a lot of room.

We anticipate 155 Mbps of Internet bandwidth into Baltimore turned up by the end of the month. The service provider is Qwest.

Engaged MEMA with consulting services, offering to assist them in stabilizing their Internet routers.

Load bank testing on 6 St. Paul Street generator was completed (after undergoing several repairs).

We are investigating the reduction of MDI ports on BMAN by using lower-port density devices.

We are planning for the next network Maryland Managed Services Contract, which is scheduled for the end of next year.

Upcoming Tasks

Customers on the Horizon

City of Laurel: Leased line for SwGI services

Archives: L2 services @ UMBC

Ocean City Government: ISP services @ Snow Hill

Judiciary/JIS – Identified LaPlata as DR site

WCC: Transitioning from leased line to direct fiber connection (Summer 2007)

NCR (National Capitol Region) Interoperability Network:

Discussions on connecting DC, VA & MD entities together using SwGI

Caroline County – ISP & SwGI

Circuit Provisioning and Acceptance

56 circuits are currently in the customer's testing/implementation phase.

28 new circuits have been provisioned since the last meeting.

57 circuits have been accepted by the customer since the last meeting.

Growth Chart

We are close to 1200 circuits.

Project Status

We are provisioning an additional wavelength on the DWDM ring.

The Legacy Ciena DWDM ring has been decommissioned.

The Elkton SONET POP is being built at the Cecil County Library as part of a partnership with Sailor. The shelter is on site and assembled. It is awaiting fiber connection to the backbone.

The fiber will be built from the SONET node to the MSC for the Elkton MAN. The path determination proved unsuccessful. We are now investigating options for wireless connectivity to MSC.

Baltimore County is building a fiber route to County Data Center at the Towson POP. The fiber installation is expected by end of June. The PMP is in development.

We will establish a POP at the Salisbury MSC, which will initially be connected to network via leased line. The site has been surveyed and the PMP is under development.

Connection to the County Data Center for the Denton MAN has been established. The engineering design and overall layout has been completed. The PMP and parts lists have been approved. The Denton MAN will connect subscribers to the Eastern Shore microwave backbone.

We will install equipment in 4 buildings in Cambridge which will serve 17 agency connections. Procurement is underway. The Cambridge MAN will be completed as a Resource Share with Bay Country Communications.

Bay Country Communications and the Maryland Broadband Cooperative will combine efforts to install fiber across the Malkus Bridge.

The UMBC POP will service the State Archives' connectivity between Annapolis and their backup data center located at UMBC. The POP will have the ability to service Catonsville MSC with a small fiber build.

networkMaryland™ Overview

There has been no change.

Potential Projects

Western Maryland Microwave

Partnership with UMATS and Sailor

Uses path of University of Maryland distance learning service which is no longer in use

High Speed microwave (either OC-3 or 200 Mbps) from UMBC to Hagerstown

Provides redundant path out of Hagerstown (does not rely on SHA Hagerstown facility)

Leverages fiber installed by networkMaryland and UMATS

Allows the decommissioning of 3 Inter-LATA DS-3 circuits

Fiber Projects

In our resource share agreement with Fiber gate we are putting in fiber from our backbone along I70/270 into Fort Derrick, also from College Park into Gaithersburg, and there is a small build that goes from College Park into the Level 3 backbone going south.

We are putting a tower site up in Oxon Hill. We anticipate a SONET node there.

Frederick County is very willing to offer resources for building a MAN in Frederick.

It has been a very slow process, but we are working with a company in West Virginia to bring fiber from Oakland up to Cumberland. There's been no change in the Oakland MSC in the last two months.

Project Status

Other initiatives

We are working with the Broadband Cooperative for a Statewide Resource share agreement.

There are several agencies that are making significant changes to their WAN architecture. This is driving the investigation into how we deliver last mile services. We are now using frame relay and ATM. Some of the customers are looking for more real time services which can not be supported by frame relay and ATM.

We are working with the school boards in Carroll and Frederick Counties to discuss joint projects, including fiber construction. Carroll County has

a plan to build out fiber and would like to get connectivity into Baltimore for ISP services.

Other Business

We reviewed the Acceptable use policy, and it is sufficient for our needs. There are four people we have not received a response from, regarding recertification.

We agreed to talk about forming a legislative and policy sub-committee in September.

Meeting Adjourned.

Greg Urban adjourned the meeting at 11:05 AM