

networkMaryland™ Advisory Group
May 16, 2006
Annapolis, MD

Next meeting to be held
July 18, 2006 10 AM to 12 PM



Attendees:

Advisory Group

Ron Brothers
Mike McCarty
Sandra Johnson
Renee Winsky
Ron Ward
Paul Thorn
David Jenkins
Sydney Drake
Pat Wallace
Greg Urban

Guest

DBM

Ellis Kitchen
Jason Ross
Tim Kwong
Gary Moulton
Tia McCoy

Welcome & Introductions

Jason Ross called the meeting to order at 10:11 AM

Announced this is his final meeting as the Director of the Networks
Division

State Chief of Information Technology

Brief update of the Legislative session.

No IT specific Legislation relative to State Agencies.

The Maryland Rural Broadband bill did get passed and signed by the Governor. As a result, the Maryland Broadband Cooperative is in the process of forming and the Tri County Council is taking the lead in that effort. The funding comes from borrowing authority, and there is also \$2 million dollars being ear marked.

Jason Ross' tenure with State government

Jason has decided to leave State employ and move the private sector. I just wanted to take a moment to recognize Jason for the incredible job he did with networkMaryland™ in a few years.

He's one of those rare individuals who has both the managerial and technical skills.

Approval of minutes from January meeting

Minutes approved, no changes

State of the Network

Operational Customers

59 Subscribers today

Change of 4 from our last meeting

Circuit Breakdown

70 ISP Circuits

Change of 4 from the last meeting

70 SwGI circuits

Change of 4 from the last meeting.

886 Layer 2 Circuits

Change of 20 from the last meeting.

Executive Branch

Red asterisks indicate changes since last meeting.

There is not much of a change since last meeting, because a good portion of them have already migrated to networkMaryland™.

Non Executive Branch

Counties and other Governor's offices and commissions would be listed under this heading. The red asterisks indicate changes sine last meeting. We have three new customers since last meeting, Maryland Stadium Authority, Maryland Auto Insurance Fund and Maryland Public Television are all receiving our services or in the process of receiving our services.

These new customers are primarily coming off of the Legacy network. This is in conjunction with our project to turn down the Legacy FMIS network which is scheduled for June 30th, and have the agencies migrate to SwGI to have them continue receiving services from the ADC.

Operations

Milestones/New Business

In the process of turning up the 4th internet connection at 6 St. Paul. This is an agreement with the Mid-Atlantic Crossroads, where they will provide us with a 100 megabit Ethernet connection for additional internet services.

Legacy FMIS network retirement scheduled on June 30th.

The first approach we are taking is via the VPN concentrator. This solution is geared to agencies who can't afford to have a leased line to connect to SwGI. So far we've created 5 LAN to LAN tunnels
In an alternative to LAN to LAN tunnels we also offer VPN Clients. So far we are working with two or three agencies that would be better served to use the VPN Client to connect to the ADC.

The other alternative is for the agency to purchase a leased line to SwGI. We do have some agencies that went for that alternative such as Maryland Stadium Authority, the Office of Administrative Hearings and Maryland Auto Insurance Fund.

College Park

We've implemented our redundant SMTP Mail relay service. In the event that the SMTP mail relay service at 6 St Paul fails nwMD will transition to the College Park mail relay to insure mail is still delivered.

Upcoming Tasks

Customers on the Horizon

We are working with SBE on their SwGI turn-up at their headquarters on West Street. They are currently a SwGI customer at their Admiral Cochrane Data Center and their backup Data Center in Hagerstown. This is the final phase of their migration.

We have just established a connection at Western Maryland for Maryland Public Television. We are in the process of working out the details of the connection at Keiser's Ridge. They are still waiting for equipment. We are turned up from I-270 to Hagerstown. Keiser's Ridge requires a tower/shelter combination be installed first, then the fiber be installed. We already have the equipment to do that. We are going to carry MPT's signal from Owings Mills through Microwave to I-270 in Gaithersburg across the Sonet network to Hagerstown to channel 31 then to Keiser's Ridge to Eagle Rock.

Maryland State Police is also taking advantage of the multi-service centers that we have built, such as the one in Bel Air. The ones in Elkton, Prince Frederick and Ellicott City are near ready and we anticipate those to be ready by the end of the fiscal year. Maryland State Police has expressed a huge interest in utilizing our infrastructure at the multi-service centers to avoid paying leased line costs.

At the last meeting we had 33 sites to take down on the Legacy FMIS network now we have 16. The majority of the sites belong to the Department of Public Safety. They are also going through their own internal migration off of the Legacy FMIS network. We anticipate that by the next advisory group meeting that number will be significantly lowered to just a handful.

Circuit Provisioning and Acceptance

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

21 new circuits have been provisioned since the last meeting.

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

Growth Chart

Our forecast when we started was about a thousand circuits. We have eleven hundred listed now between the circuits that are active and the circuits that are being installed or accepted. We've hit the target that we identified and restarted the project. It shows on the financial side. The cost recovery now matches the rate structure. In the new fiscal year all the human resources will fall on the networkMaryland budget.

Project Status

Western Maryland

Is part of the MPT MOU, the wireless side is working on the specifications to place the 180 foot tower and a shelter at the Keiser's Ridge SHA maintenance facility right next to 68 at 219. Once the tower and the shelter are there we can go ahead and place that Sonet Mux and that will provide them connectivity to that point. They are going to have to put in a Microwave PoP to get them down to Eagle Rock which is just outside of Oakland.

Stabilizing the Core

Annapolis Spur

We've completed segment one, which is the fiber into the Parole tower. That's ready for use. The second fiber path has been completely built into Annapolis. That will be done in the next couple of weeks. That will complete a rather large fiber installation project for networkMaryland™. It was over half a million dollars, through some delays we were able to get it done.

Eastern Shore Microwave Backbone

We are tying up the loose ends. In 07 we need to focus on the multi-service center tie-ins and County tie-ins. Essentially it's ready to go and the provisioning can begin.

I-270 PoP

Complete. We are using it as a collapsed ring between College Park, Hagerstown, Gaithersburg and Frederick.

Westminster MSC

Complete. We are ready to service parties there. They still have to complete the MVA tie-in through the Fiber Plus contract. That will secure the use of State resources toward all the different groups in Westminster and the County Government. It puts an OC3 of bandwidth there so we should have no problem serving all the customers.

JIS Data center

The fiber path has been completed. The Project Management Plan (PMP) with CSC has been started. That is the work plan to identify the tasks to be completed. We are going to add that to the AMAN and we will eventually move the county connections out there. It creates an opportunity to directly connect the MVA as well as the Department of Agriculture.

Elkton MSC

Moving forward, we had to get a permit with the town of Elkton to put the Verizon conduit path in. We've awarded that, there are getting materials and the PMPs with CSC are ready for approval.

Leonardtown

Verizon is getting ready to do their portion of the project. The PMP is ready to go.

Ellicott City

We have the green light. This will probably be cleared out by the next meeting.

Prince Frederick (Calvert County MSC)

Complete. It is much like Leonardtown, with the split design. We put the ATM Switch in the Courthouse to be able to serve JIS at the courthouse. They already have a DS3 in the Courthouse so the Verizon Mux is already there. Once we have JIS Data center on net, the intention is to move to networkMaryland™ at every location that we have in common.

Towson (Baltimore County)

Working with MDOT to try to get MOU drafted. Maybe use some fiber on the I-83. It would be a three way MOU which should be drafted today.

DWDM Ring (Partnership with USM, MDOT)

One segment in Baltimore City that needs to be completed. The segment in to UMBC is built, spliced and ready for testing. We are anticipating the Baltimore City segment being finished in the month of June and the turn-up in July.

Sites on the DWDM ring include Annapolis/Parole, UMCP, MDOT HDQ/Hanover, UMBC, UMB, 6 St. Paul and MDOT/DMV Glen Burnie Data Center.

Other Business

Jason Ross' appreciation for all the hard work and cooperation from all the Advisory group members and the networkMaryland™ team.

Meeting Adjourned at 11:15 AM