

Statewide High Speed Network

networkMaryland Advisory
Group Meeting

January 17, 2006

Annapolis, Maryland





MEETING AGENDA



- Welcome & Introductions
- State of the Network
- Status of Project
- Other Business



Welcome



- Introductions
- Jason Ross – Director
- Ellis Kitchen – State CIO
- Meeting Minutes Approval



MEETING AGENDA



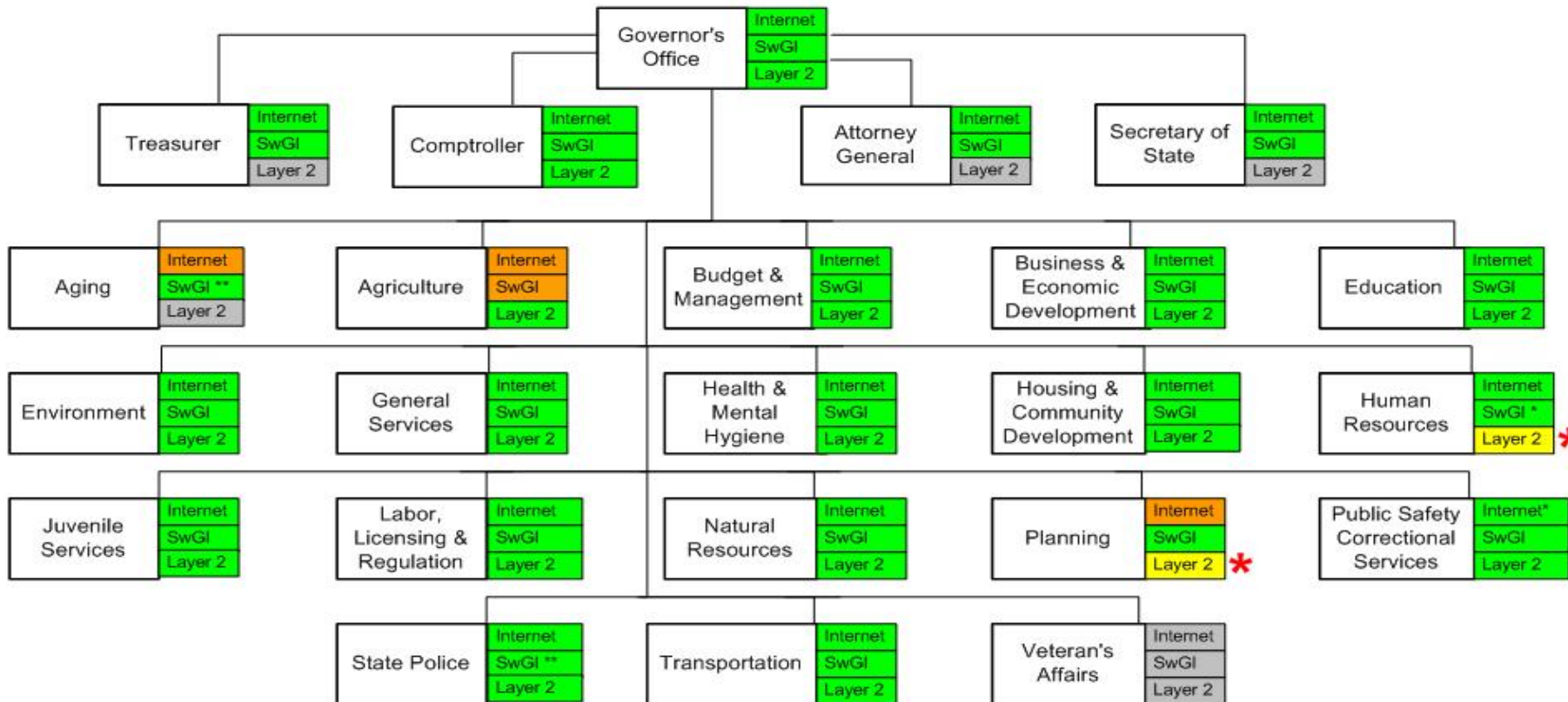
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Operational Customers

- 52 Subscribers today
- Circuit Breakdown
 - 62 ISP Circuits
 - 61 SwGI Circuits
 - 802 Layer 2 Circuits

Executive Branch networkMaryland Subscribers as of January 13, 2006



Legend:

Agency is Not Receiving networkMaryland Service - A Cost Savings exists if networkMaryland provides service
Agency Expressed Interest in Receiving networkMaryland Service
Agency is in Process of Receiving networkMaryland Service (JCR submitted)
Agency is Receiving networkMaryland Service
Size of Agency is small and does not realize a significant cost savings by connecting to networkMaryland or the service is not required

* - Denotes a change from the last Advisory Group Meeting Presentation

* networkMaryland Provisioning has been completed, Department is in process of migrating to service

** Agency is receiving networkMaryland service through parent, primary agency

Non-Executive Branch

networkMaryland Subscribers as of January 13, 2006

Charles County Government	Internet SwGI Layer 2	Office of People's Council	Internet SwGI Layer 2	State Lottery	Internet SwGI Layer 2	University System of Maryland	Internet SwGI Layer 2	Frederick County Government	Internet SwGI Layer 2	*
State Board of Elections	Internet SwGI * Layer 2	Maryland State Archives	Internet * SwGI Layer 2	Department of Assessment and Taxation	Internet SwGI Layer 2	MIEMMS	Internet SwGI Layer 2	Montgomery County Government	Internet SwGI Layer 2	
Commission of Human Relations	Internet SwGI Layer 2	Office for Children	Internet SwGI Layer 2	Office of Public Defender	Internet SwGI Layer 2	Office of Legislative Auditors	Internet SwGI Layer 2	Prince Georges County Government	Internet SwGI Layer 2	*
Workers' Compensation Commission	Internet SwGI * Layer 2	State Retirement Agency	Internet SwGI Layer 2	Judiciary	Internet SwGI Layer 2	Alleghany County Board of Education	Internet SwGI Layer 2	Dept. of Rehabilitative Services	Internet SwGI** Layer 2	
MD Higher Education Commission	Internet SwGI Layer 2	College Savings Plans of Maryland	Internet SwGI Layer 2	Maryland State Retirement Plan	Internet SwGI Layer 2	Maryland Emergency Management Agency	Internet * SwGI Layer 2	Maryland School for the Deaf	Internet SwGI Layer 2	*
Public Service Commission	Internet SwGI Layer 2	Baltimore City	Internet SwGI Layer 2	MD Insurance Administration	Internet SwGI * Layer 2	MD General Assembly	Internet SwGI Layer 2	College of Southern MD	Internet SwGI Layer 2	
						Anne Arundel County Government	Internet SwGI * Layer 2	Howard County Government	Internet SwGI Layer 2	*

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Operations

Milestones\New Business

- AMAN2 migrations completed (AMAN retired on 12/31/05)
- Easton PoP migration completed successfully
- State Board of Elections (SBE) – turned up SwGI connection for their new Voter Registration System (VRS)
- SMTP Mail Relay migrated from DBM's LAN to SwGI (6 St. Paul) - Continued testing for eventual agency use
- DR Assessment for College Park and 6 St. Paul PoP's



Upcoming Tasks



- Customers on the Horizon
 - AA County – nearing completion of fiber connection between AMAN2 and Heritage Plaza (SwGI is the first service to be turned up)
 - PG County – verifying fiber between UMCP PoP and their PoP for SwGI & Internet services
 - DJS – Implementing Layer 2 Services (Estimated 55 sites)
 - DHR – Implementing Layer 2 Services (CHESSIE project)
 - Legacy FMIS customers (Estimated 36 sites)



Circuit Provisioning and Acceptance

- 225 circuits are currently in the customer's testing/implementation phase
- 16 new circuits have been provisioned since the last meeting
- 70 circuits have been accepted by the customer since the last meeting!!!



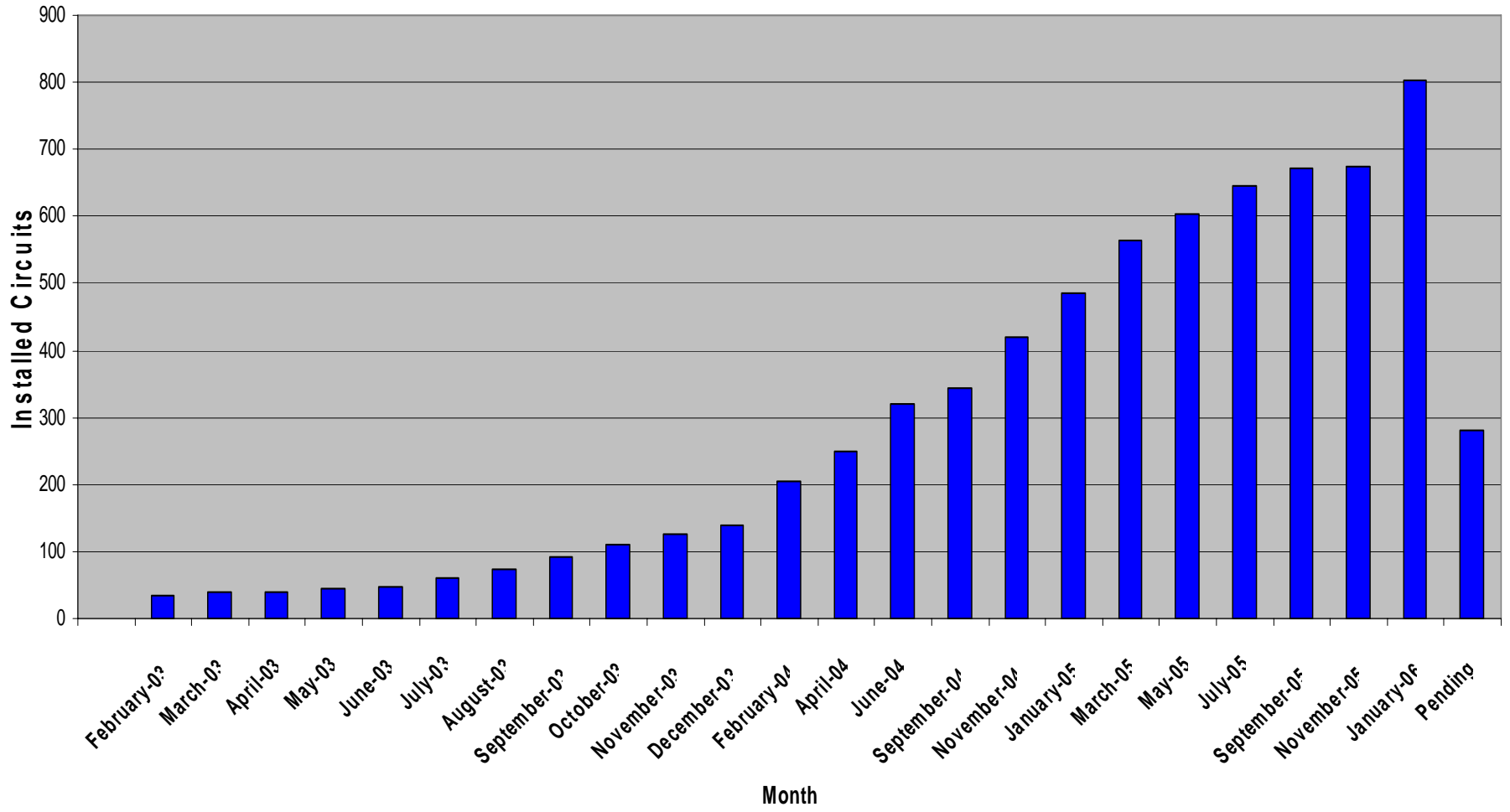
Network Operational Status



- Growth Chart



networkMaryland Installed Circuit Chart





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Project Status



- Western Maryland
 - Backbone is complete
- Southern MD
 - Backbone is complete
- Stabilizing the Core:
 - Annapolis spur:
 - Conduit installed for Segment 1
 - 60 days for completion of the build to the Parole Tower
 - 120 days for completion of the build to Annapolis



Project Status



- Eastern Shore Microwave Backbone
 - Complete December 2005
 - Beginning Last Mile Projects
- I-270 PoP
 - Provides Metro area fiber diversity and Inter-connection with MPT



Project Status



- Westminster MSC: Using a combination of Fiber and Microwave to create the Carroll County PoP
 - Serves the MSC, State Police, MVA and County
 - Fiber route build complete in Hereford (I-83 to Hereford SHA shop)
 - One fiber segment left to go before completion
- JIS: MOU sent to the County for approval



Project Status

- Elkton MSC: Will be connected via a Leased circuit, future direct fiber connection site.
- Leonardtown MSC: Will be connected via a Leased circuit. Discussing connectivity options with the County and Comcast
- Bel Air MSC: Verizon circuit is turned up. Equipment is operational. Awaiting its first customer connections (DHR & DAT).
- Ellicott City MSC: Will be connected via a Leased circuit or Resource Share fiber, nwMD will provide services to the county as well.



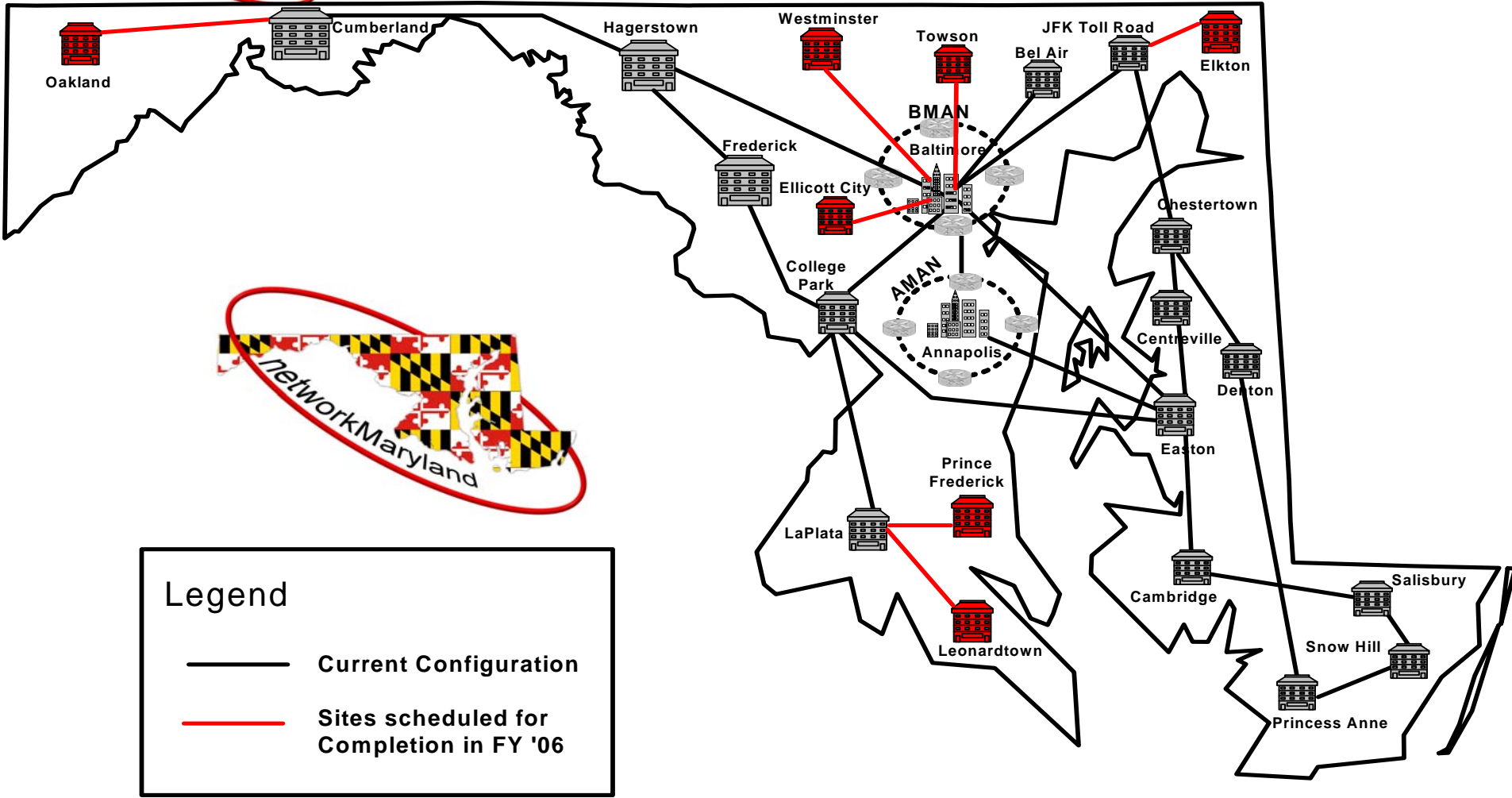
Project Status



- Prince Frederick (Calvert County): Working with County Government to install Verizon DS-3. Tower space has been provided by the County for a future microwave connection once the LaPlata SHA tower is constructed.
- Towson (Baltimore County): Awaiting feedback from the County on the MOU.
- DWDM Ring
 - Partnership with USM, MDOT
 - Adding additional fiber route for diversity
 - Hardware decision has been made (MRV).



networkMaryland Overview (January 2006)





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Other Business



- Migrate the FMIS (WAN) onto networkMaryland
 - Plan to complete by the end of FY06
 - Implementing a VPN Solution for Small Offices
- Providing email virus scanning and spam filtering via networkMaryland SMTP Mail Relay
 - Working on an Email Services DR model using SwGI
- DNS Services: Operational in partnership with Maryland State Archives



Other Business



- CSC MSC Contract (BPW 2/1/06)
 - Add NOC and Engineering Services for other State agencies as a service of networkMaryland
 - Offering Three Support Tiers to meet the users needs
 - 1.) 24/7 NOC Monitoring and Trouble Ticketing
 - 2.) Above plus remote Engineering support and troubleshooting
 - 3.) Above plus Onsite support and Provisioning Services
 - Add Outside Plant construction to allow for the completion of the network build and facilitate partnering



Thank You



- Meeting Adjourned