

# Delaware 800MHz Emergency Communications System

## Next Generation



# Welcome!



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## This Meeting:

### Goals:

- Apprise Committee members of requirements-gathering status
- Review specific requirements received and obtain Committee feedback and consensus
- Review Timeline to May 1
- Update Committee on Rehoboth Project Status



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## This Meeting:

### Agenda:

- Welcome
- Timeline Review
- Requirements Consensus Process
- Requirements Status by Component
- Rehoboth Project Status
- Summary and Next Meeting

Greg Patterson

Bryant Baker

Bryant Baker

Robert Pedersen,  
Richard Reynolds

Robert Pedersen

Greg Patterson

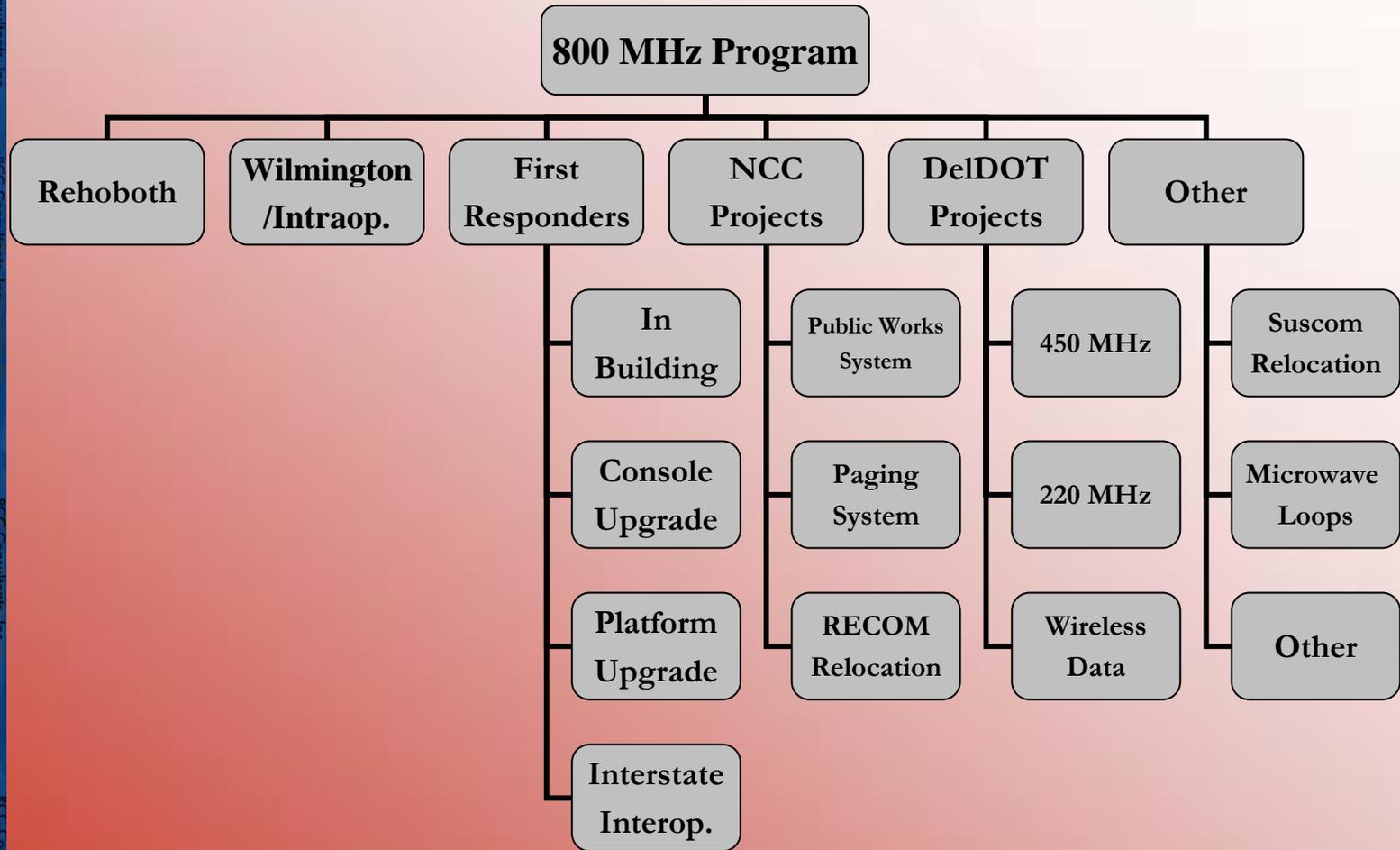


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## Strategic Planning



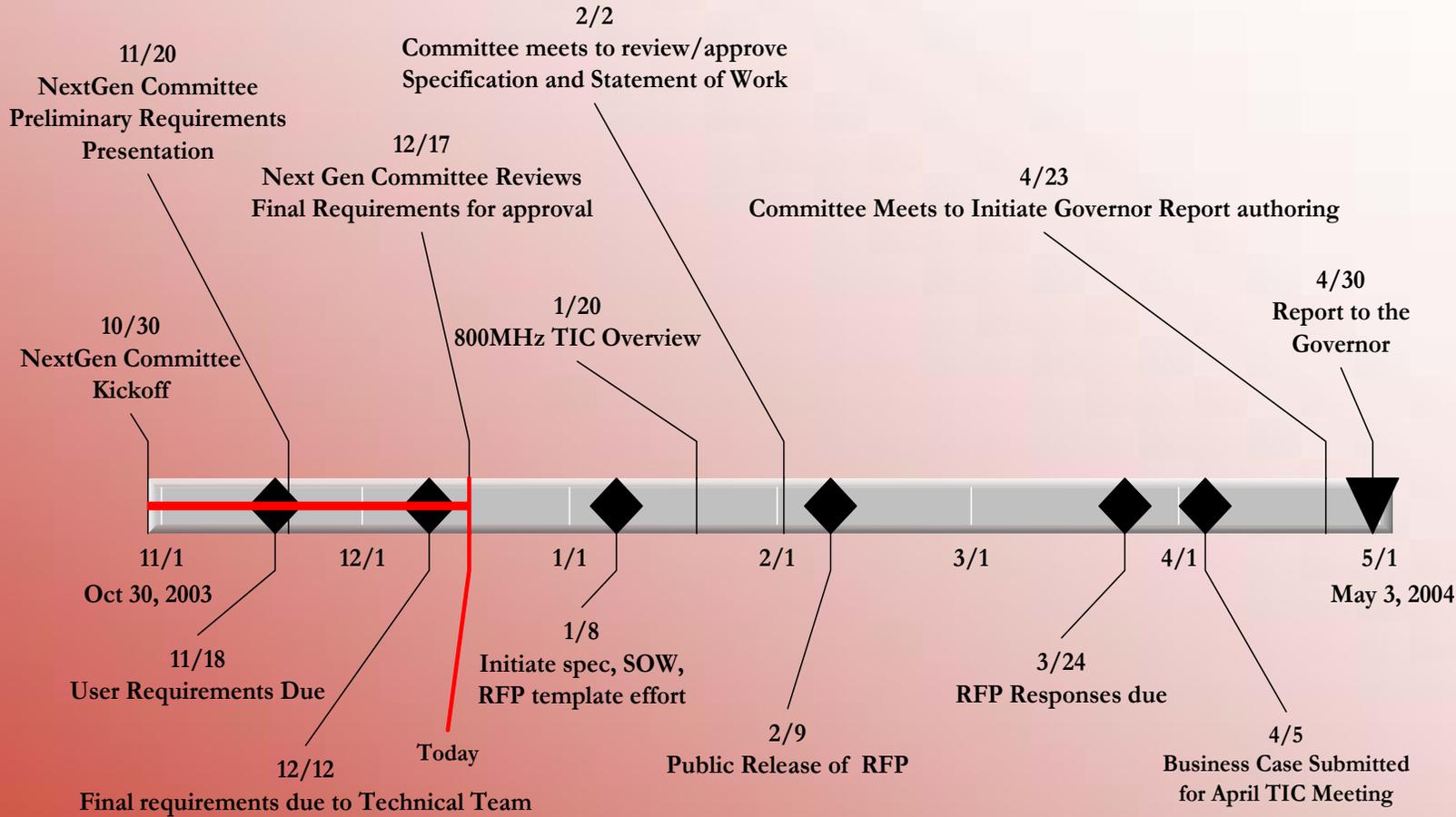
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### Our Timeline:



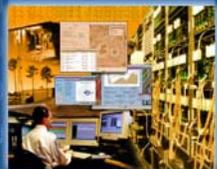
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## Requirements Approval

### Process:

- Discussion by System Component
- At the conclusion of the specific Component Discussion:
  - Will solicit comments from every Committee member in attendance;
  - At the conclusion of addressing comments, we assume concurrence, unless...
  - ...there is an issue from a Committee member that cannot be addressed at this meeting.





## Requirements Status

Divided up by System Component:

- In-Building Coverage
- Wilmington/State Intraoperability
- Dispatch Consoles
- 4.1 Platform Upgrade
- Microwave/Fiber Backbone
- State/State Interoperability



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## Requirements Status

### In-building Coverage Identification:

- Majority of Fire Districts responded with additional input;
- New Castle  
Total identified to date: 919
- Kent:  
Total identified to date: 387
- Sussex:  
Total identified to date: 416
- User identified data still being integrated





# Requirements Status

## Wilmington

- Met with City three weeks ago;
- Briefed the City on the State Next Generation program scope;
- Plan site visit by members of Tech Team to result in presenting three options to the City, including pros/cons:
  - Remain intraoperable-limited;
  - Completely off their own system, and have the State take on their system;
  - Convert City to an IR site.



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## Requirements Status

### Dispatch Consoles

- Presently have 52 connected consoles;
- 30 additional consoles not connected
- Total 127 connected consoles requested
- Will require Infrastructure upgrade to meet this requirement.



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# Requirements Status

## 4.1 Platform Upgrade

- No user input required;
- Requirements developed by DivComm, RCC, and Motorola
- Extend Life Cycle Support;
- Enhance System Reliability Enhancement



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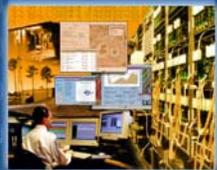
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## Requirements Status

### Microwave/Fiber Backbone

- New sites and DelDOT requirements are driving additional capacity requirements
- NCC Simulcast Paging, PW Special Services Simulcast also drive requirements
- Backbone bandwidth budget needed
- Members of the Technical Team to continue assembling new site, DelDOT, NCC requirements for the Next Gen specification.





## Requirements Status

### Interstate Interoperability

- No additional input from the 911 Centers to develop specifications
  - 911 centers in surrounding jurisdictions identified
  - DelDOT has indicated they have requirements – existing stated requirements may serve DelDOT needs.
- Presently have enough information to develop Interstate section of specification



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## Consultant Efforts

### RCC presently on-site:

- Performing Detailed Coverage Analysis
- Performing predictive and statistical coverage analysis
- Assessing existing In-building Coverage
- Examine microwave links, network requirements
- Identify system changes
- Assisting in spec development and RFP





## Rehoboth Project Status

- Met with Rehoboth City officials and Motorola last week;
- Received revised proposal;
- Meeting this week for Motorola to present the proposal to City officials and field preliminary questions;
- Rehoboth requires the system to be operational by Memorial Day.



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## Summary

Next Meeting: Wednesday, January 15th, 2003.  
Time/Place to be announced. Thank you!



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