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MESA-PHOENIX REGIONAL COMMUNICATIONS SYSTEM A CASE STUDY IN INFRASTRUCTURE INTEROPERABILITY



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OVERVIEW



- Review Types of Interoperability
- Advantages of Infrastructure Interoperability
- Lessons Learned
- Conclusions





Share Radios

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- Cache radios to be shared with agencies
- Operational concerns
- Maintenance
- Inventory control

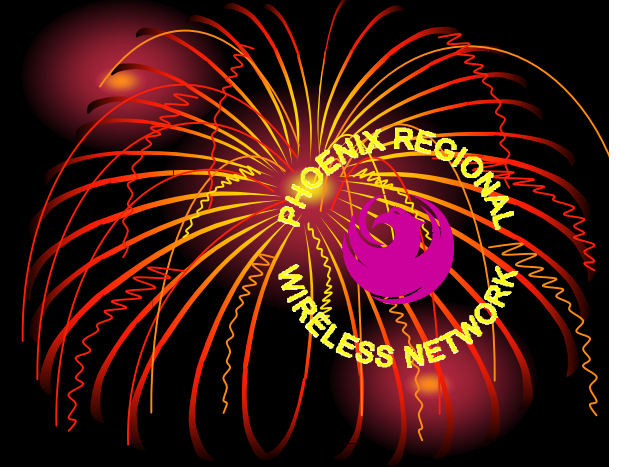




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Interagency Frequencies

- Band dependent
- Limited Resource
- Limited Use
- Operational Plan

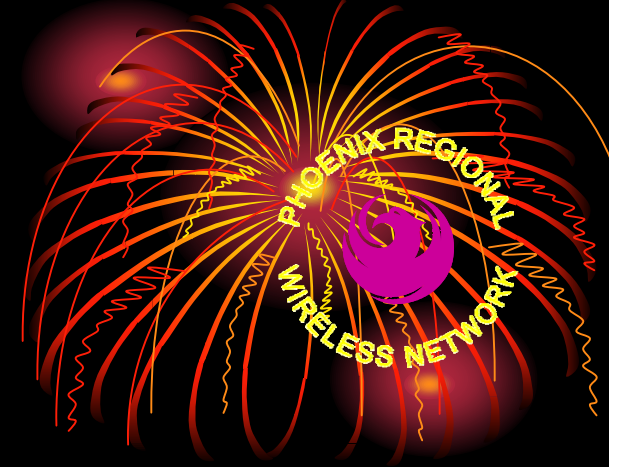




Magic Box

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- Limited use
- Very little network management
- Limited to system coverage
- Operational considerations

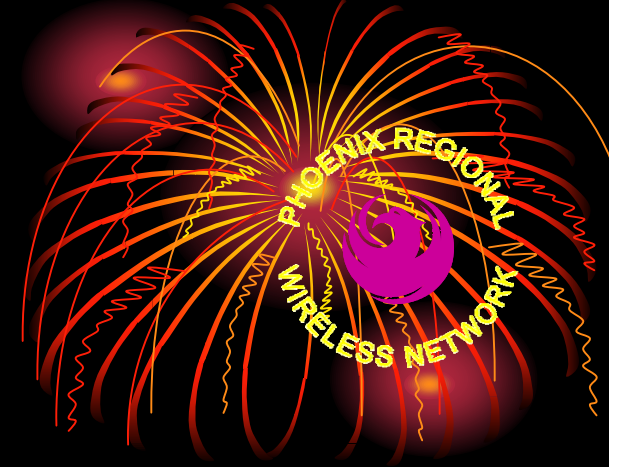


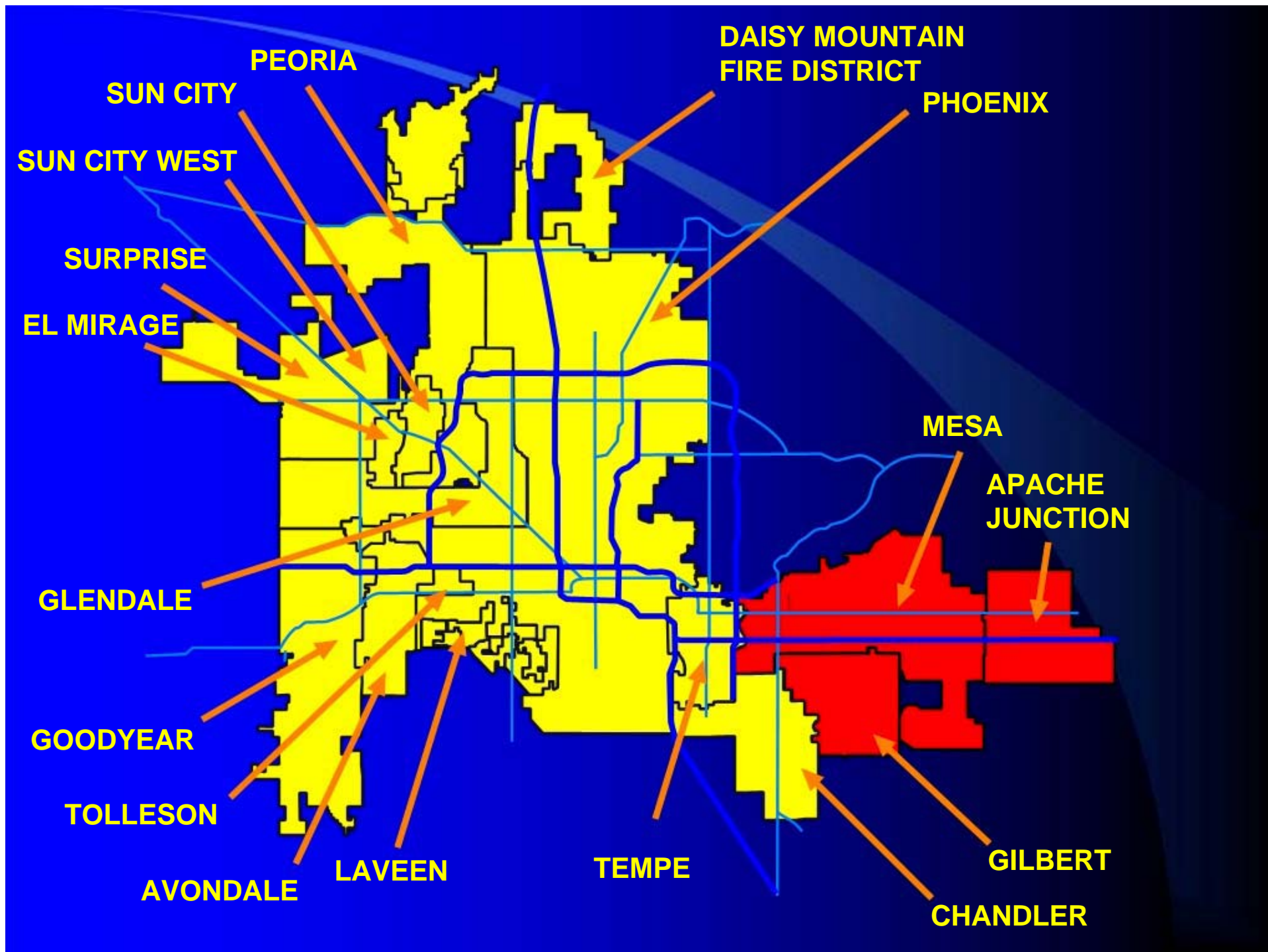


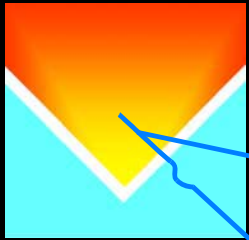
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Infrastructure Standards Based

- Authentication
- Authorization
- Network Management
- Security
- Emergency
- Platform for the future





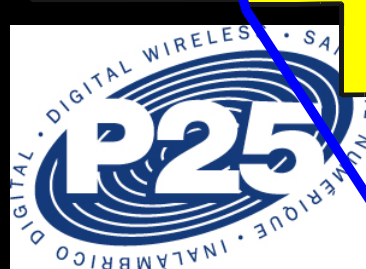


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Simulcast A/B
Simulcast C
Simulcast D
Simulcast E
IR/Conv

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Lessons Learned



- Operational Plans – A MUST!
- Plans must be exercised
- Technology is the easy part
- Effective Communications is essential
- Formal governance agreements





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CONCLUSION



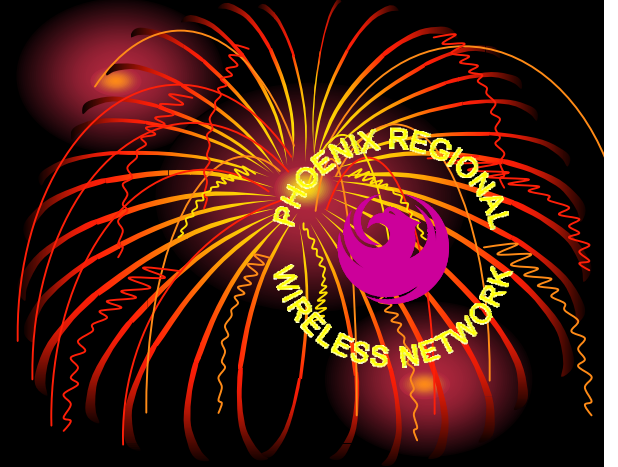
- What is the best answer?
- It still comes down to the Organizational Dynamics





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QUESTIONS



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