Generate Vision

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PAN Session
Affinity Diagramming Output

scale public PAN
members robust
secure network
future
needs

Vision

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Use Cases

- Enhanced Communications
- Connecting Public Locations
- Connectivity for expanded cloud use
- Public Benefit

- Future Technology (5G / IOT / Smart Cities)
- Economic Development
- Life Safety
- Wireless Connectivity

Supporting Structures

- Resilience
- Scalability
- Regulation
- Reduce Legal Risk
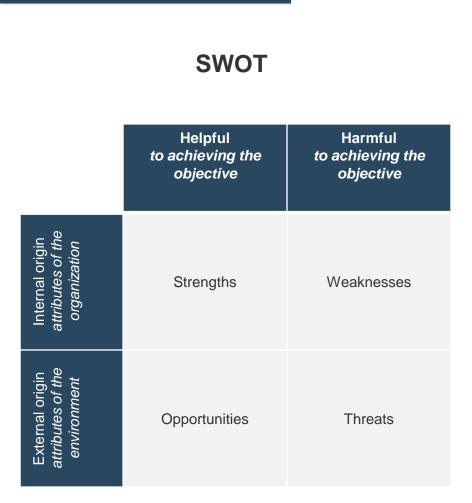- Central Documentation and visibility to existing resources

- Governance
- Public / Private partnership
- Centralized Management
- Structured SLA
- PAN and inter-agency cooperation

Analyze Aids and Impediments

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Exercises used for analysis of the Vision and Use-Cases

SWOT

	Helpful *to achieving the objective*	Harmful *to achieving the objective*
Internal origin *attributes of the organization*	Strengths	Weaknesses
External origin *attributes of the environment*	Opportunities	Threats

PAN Focused - SWOT Exercise

Strengths	Weaknesses
• Local knowledge of members • Work groups (Info-Tech) • SUB / EWEB Fiber resources tools and training • Gang of Six • Planning for future large plant expansion • ISP partnerships • Current WIX • Future WIX II • LCOG federal grant experiences • PAN members with dark fiber build experience • Proven track record of completing buildouts	• IRU 3rd party use • Current lack of planning • Single path already muxed pairs • Mapping completion • Lack of support for PAN as a whole • Funding • Loss of knowledge due to retiring workforce • SUB / EWEB have differing types of mapping
Opportunities	**Threats**
• Expand customer base to pay for upgrades • Robust nature of PAN • Visibility of successful models • Telecom funds available from Eugene with history of use • Utilities are contributing members of PAN • Existing pathways on some segments of threatened loss • Numerous regional ISPs interested in cooperation • Partnership with other telecom providers • Public interest in improved public connectivity	• Litigious incumbents • Cost of capital for rebuilding the network • Expectation gap between users and providers real capacity • Topography • Unforeseen regulatory restrictions • Lack of coordination between and within agencies • Possibility of failure to renew IRU under similar terms