



Leveraging Public Wireless Networks for Smart Grid Deployments

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Modern Information Network Characteristics or Why Utilities Should Use Network Services Rather than Build a Proprietary Network

- **Interoperability between components**
 - Enables competition
 - Eliminates barriers to new solutions
- **Security across the grid**
 - Security is an ongoing process requiring constant attention
 - Threats evolve, so must responses
- **Repeatable architecture for national deployment**
 - Lower cost
 - Faster deployment
- **Forward technology migration**
 - Network carriers continuously improve networks and tools
 - Keeping pace requires scale and dedication
- **Open architecture for ease of integration**
 - Avoids lock-in and encourages cost and quality competition
 - Promotes evolution of solutions
- **Reliability**
 - Network availability comes from constant monitoring
 - Which is more reliable – your telephone service or your power supply?

