



# Private LTE Wireless Broadband is the Foundation of the Grid of the Future

Industry experts from utilities, manufacturing and other sectors shared their visions of how 900 MHz licensed spectrum could support the grid of the future:

## The LTE Family of Networking Protocols Represents Utilities' Most Future-Proof Option

Richelle Elberg > Principal research analyst  
| Guidehouse Insights

*"LTE-based networks have become the global standard for wireless networking for voice and data applications. They also provide the basis for future 5G systems, which promise to enable new and more advanced capabilities."*

*"If the industry standardizes on PLTE technology, building a compatible, interoperable network of networks, it will be better prepared for the competitive stresses that transformation will bring."*

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## Private Broadband is the Foundation of the Utility of the Future

Scott Schoepel > Vice president  
| Motorola Solutions

*"Among private LTE's benefits are the capacity and latency required for near real-time data access that utilities require to manage two-way power delivery autonomously. LTE supports a protocol that prioritizes traffic, allowing utilities to share a pipe among various devices and enable dynamic traffic engineering based on application requirements. ..."*

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## Private LTE Could be a Gamechanger for AMI and Other Smart Utility Programs

Rick Schmidt > Director of Infrastructure Modernization  
| Black & Veatch

*"What is so attractive with the private LTE solution is the use of the:*

- 1) LTE standard with an expected very long life cycle,*
- 2) fabulous spectrum addressing both coverage and throughput, and*
- 3) the thriving and brutally competitive private LTE vendor community making competitive RFPs very viable."*

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