

HEAVY READING

4G/LTE

Insider

LTE for Utilities: A Spectrum of Challenges & Opportunities

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Report Highlights

Availability and reliability are two major reasons why utilities want to own cellular networks

The unavailability and cost of spectrum are two major reasons why they don't

Some utilities want access to public-safety spectrum or networks, such as FirstNet

Utilities prefer LTE for its longevity and global cost structure, but a host of drawbacks block investment

CDMA and WiMax remain major players in the utility market, with some contracts running through 2030

Regulations and bad experiences limit utility interest in expanding into value-added telecom services such as broadband

Joint ventures can be a win-win for mobile operators and utilities, such as for extending LTE to rural areas for utility applications and consumer mobile services

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