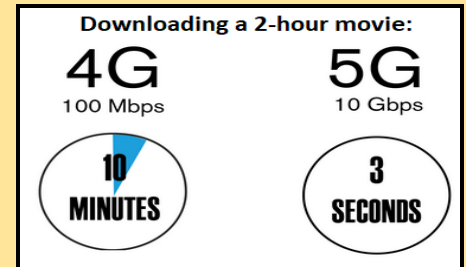## *Using 4G & 5G Fixed Wireless For a Redundant Telecom Solution*

As companies increasingly count more on the public Internet for their voice traffic & data needs, they are also insisting on a more reliable, redundant telecom solution during those pesky Internet service interruptions.

Downloading a 2-hour movie:
4G 100 Mbps — 10 MINUTES
5G 10 Gbps — 3 SECONDS

4G is the fourth generation of broadband cellular technology, and is available across most of the United States. 5G offers the latest and greatest in broadband cellular technology, offering speeds of 20+ times faster than 4G. The 5G footprint is growing every day, but is still very limited.

Regardless of which technology you choose, having 2 paths to the Internet (one physical path over copper or fiber, and one wireless connection with a Fixed Mobile Hot-Spot device) is highly recommended to minimize business interruptions. And, the pricing is extremely reasonable (as low as $20 per month, plus usage). It's sort of like insurance: it's not something you want to use, but it sure is nice to know it's there when you need it!

Client Spotlight:

TOWN OF Newington CONNECTICUT EST. 1871

The Town of Newington was interested in updating their lighting to LED's in (3) of their buildings: the Library, the Senior Center, and the Police Department. Town officials reached out to Emendee Tech to see if there were any available incentives. After the initial meeting explaining the possibilities, an energy audit was performed in partnership with Environmental Services Corp (ESC) of West Hartford to design an LED upgrade solution.

The project included energy incentives through the state's "Energy Opportunities" program, along with 0% on-bill financing. The monthly savings for the town was immediate, with an estimated savings of nearly 260,000 kWh's per year.

According to Gary J. Fuerstenberg, the Newington Town Engineer; "The Emendee Tech & ESC team was very knowledgeable about the incentive program. They guided us smoothly through the application & construction processes… and the town will save thousands of dollars per year in replacement costs and energy savings!"