

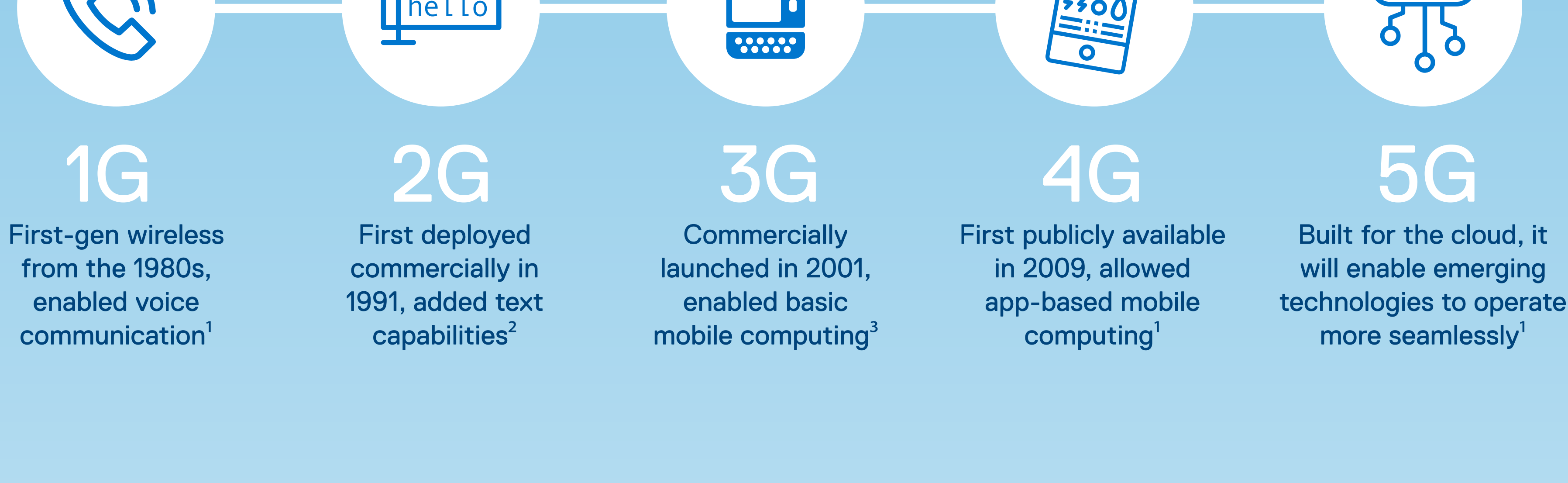
# What makes 5G unique?

Whereas previous-generation networks connected people with people, 5G will connect businesses with *everything*—and then empower those businesses to orchestrate their operations accordingly to achieve superlatively more than they could before.

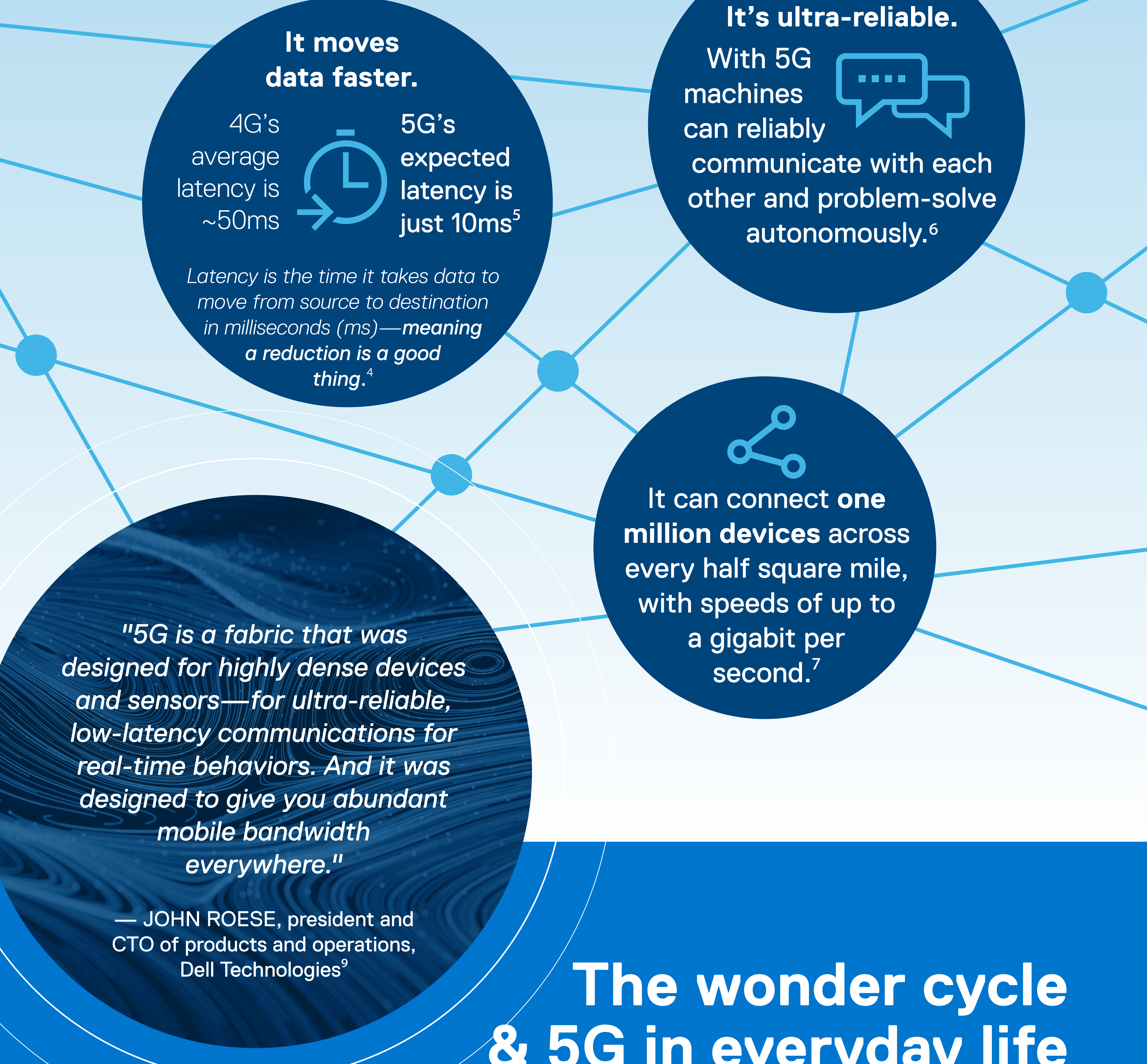


## The evolution from 1G to 5G

While 4G, 3G, etc., were essentially updates, 5G represents a fundamentally different infrastructure.



## The benefits of 5G



## The wonder cycle & 5G in everyday life

"The wonder cycle" is the idea that anything that wants to be connected can be connected. 5G will bring the benefits of hyperconnectivity to every corner of society and industry.



*"When you lower the cost of a technology, you increase access. And when you increase access, more and more people are able to start to participate in the dividends that broadband can bring, not just in a city but in rural locations."*

— VISH NANDLALL, VP of technology strategy and ecosystems, Dell Technologies<sup>13</sup>

## How 5G will change IT

Hyperconnectivity can deliver on its promises if IT departments are ready.

### 5G will deliver:



1. Greater bandwidth to handle many more connected devices.

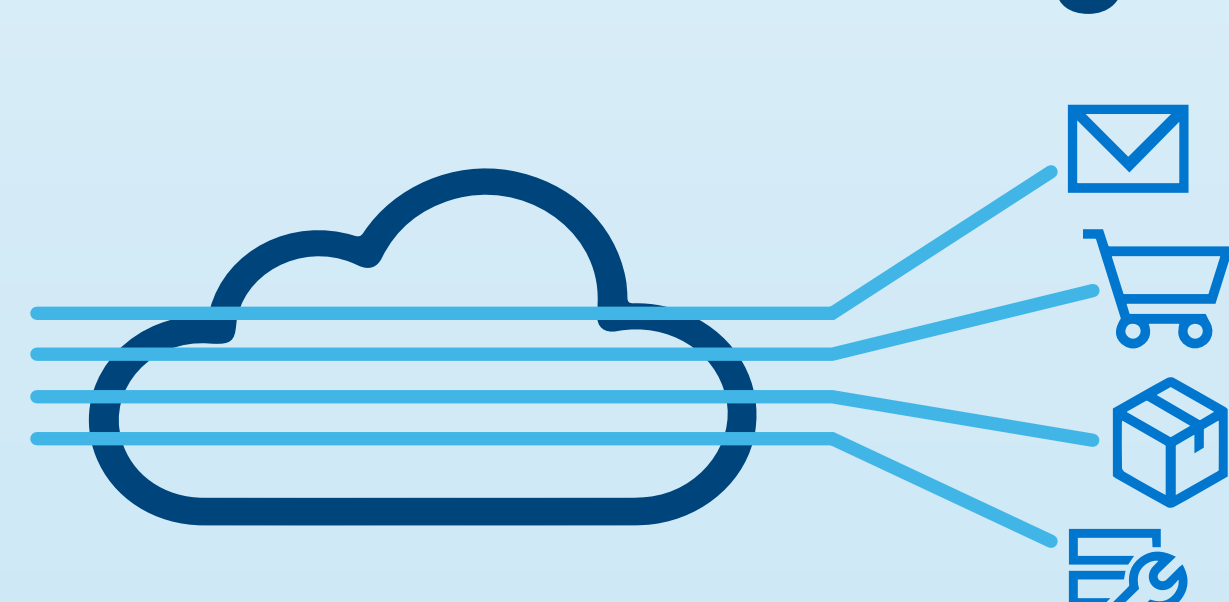


2. The right connective fabric to realize a mixed-reality future.



3. Global-scale edges with computing and storage in close proximity to real-time domains like smart factories.<sup>9</sup>

### Better network slicing:



5G enables better network slicing so businesses can manage their network and provide guaranteed bandwidth to critical functions.<sup>12</sup>

### Going to the edge:

The next evolution of digital experiences is possible with edge computing, which is enabled by 5G and the low latency data transfer it affords in real-time domains.<sup>9</sup>



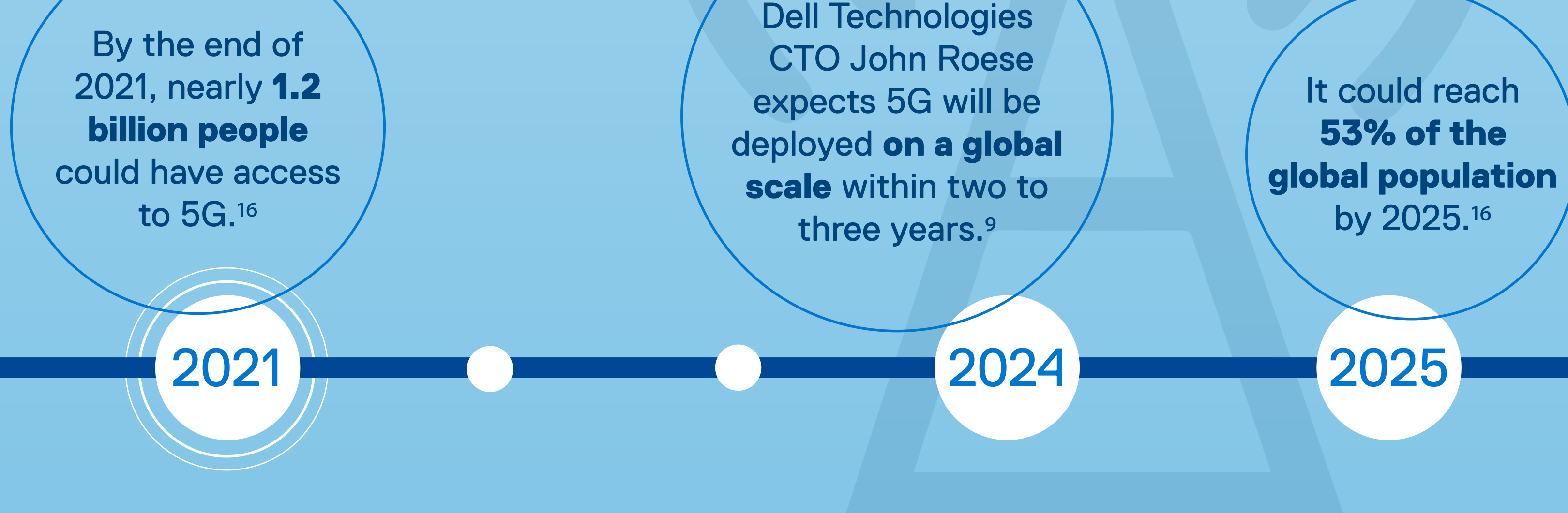
5G will take edge computing mainstream. Enterprise-generated data will increase by 65% in the next 5 years.<sup>14</sup>

*"We see 5G as a connective fabric for the entire digital experience, which, as we go into the new normal, is a mixed reality experience, where digital experiences and physical experiences come together."*

— JOHN ROESE<sup>9</sup>

## The timeline for 5G

When will this promising future arrive?



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