

2021 Risk Radar: Telecommunications Sector

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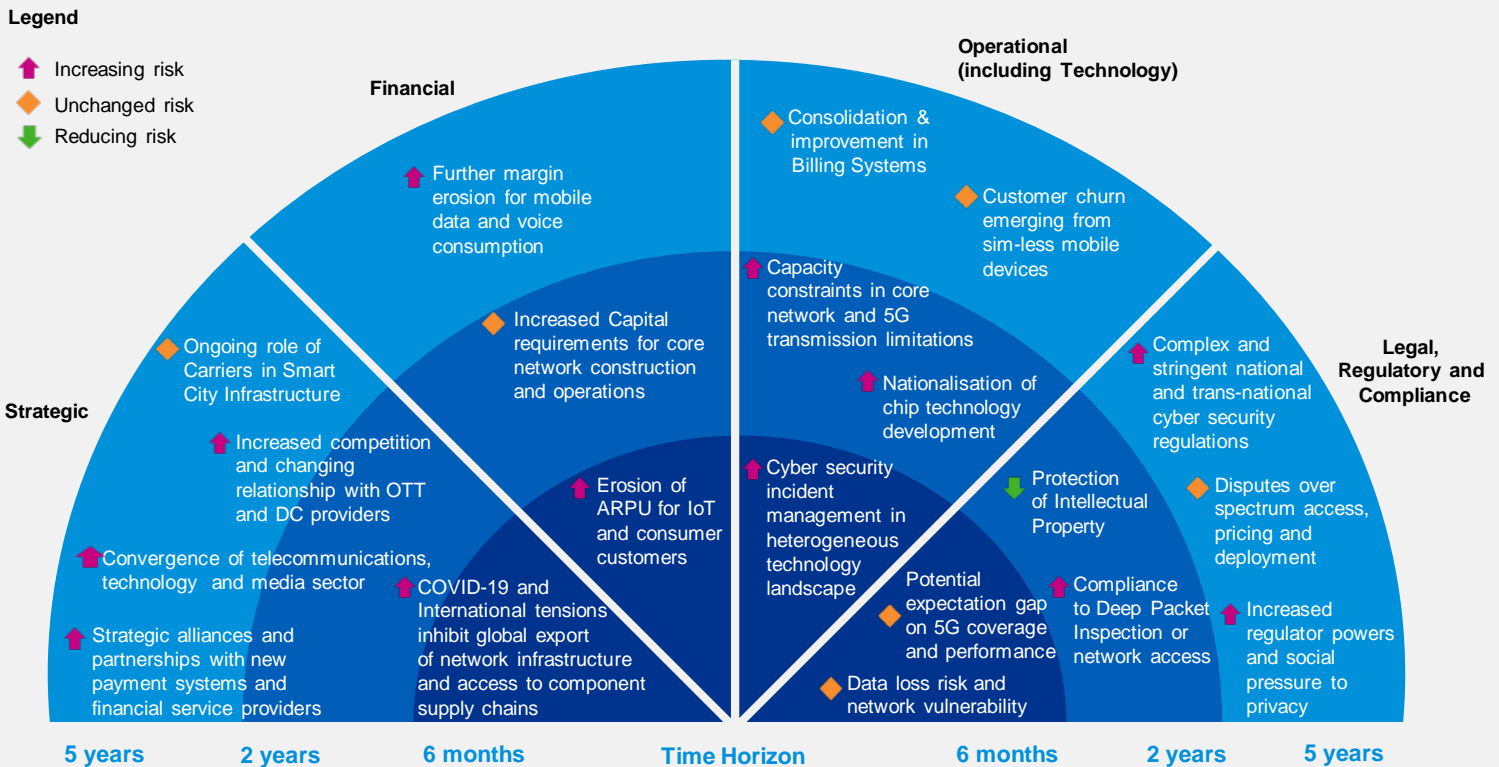


China is accelerating digital transformation across industries and enterprises. More than 700,000 5G base stations were installed in 2020, with certain major cities reaching full 5G coverage. Speed, reliance, and bandwidth significantly accelerated adoption of IoT in industries such as healthcare and manufacturing, creating new potential B2B opportunities for service providers. At the same time, competition among telecommunication companies intensified as they attempt to maintain their market positions and attract new customers through marketing strategies.



Key trends observed in the market impacting the industry in the Greater China region:

- COVID-19 epidemic continued to put a focus on enhancing network reliability and resiliency to ensure a positive customer experience due to the shift of remote work, remote education and the use of online channels by businesses;
- Emerging technologies, AI/ML, IoT integration, big data are transforming the telecommunications industry;
- Deployment of edge computing to support high bandwidth devices and time-sensitive data;
- High CAPEX to support the rapid growth and expansion; and
- Cyber security and cost challenges remain.



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