5 domains to consider

**5G networks**
Building the infrastructure for extraordinary performance
- Delivering new 5G services requires a comprehensive approach to plan and execute network evolution beyond mobile access.
- CSPs need to upgrade the radio, core, and transport links that connect them to achieve performance at scale and realize the full potential of 5G.

**Distributed Cloud**
Puts applications where they need to be at the right time
- A distributed cloud enables the use of central and edge clouds as well as private and public clouds to meet the unique performance requirements of 5G.
- Cloud-native applications offer the benefits of webscale performance and enables instant response to changing conditions and services.

**Security**
Multi-layered security minimizes the impact of cyberattacks
- An efficient security and response system requires adaptability, speed, integration and automation.
- Defense-in-depth systems must be incorporated into every element of 5G networks and operations.

**Network Slicing**
Go beyond connectivity services
- Slices can be individually customized for speed, reliability and latency to meet committed service level agreements.
- When CSPs automate the design, deployment and operations of a slice they can launch a wide range of new 5G services and applications.

**Industrial Automation**
Serve customers beyond consumers
- Today CSPs connect 7 million base stations, but there are 15 million industrial sites that need to be connected to 5G.
- Private Wireless and cellular networks should work together seamlessly for CSPs to serve enterprise markets.

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**Extraordinary 5G Success**
Capture value with 5 end-to-end domains

5G brings massive speed increases, extremely low latency and 99.999% reliability
5G will connect billions of devices and sensors, people and enterprises
5G creates opportunities for CSPs to provide new, revenue generating services

To unlock the potential of 5G on an industrial scale, CSPs need to:

- **Think end-to-end, across the entire network**
- **Evolve the network to become cloud-native, proximal and de-centralized**
- **Forge new business models**
- **Design new services for enterprises and consumers**

A new approach is needed to tackle new challenges

5G networks and services must be operationalized and secured to meet the SLAs of new business agreements. To do this at scale, automation must be employed.

5 end-to-end domains working together seamlessly
Maximizing revenue and business opportunities requires extremely close, end-to-end coordination between 5 strategic domains to make 5G a success for CSPs.