

5G Network Slicing

Empowering Vertical Industries

1. Introduction

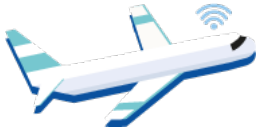




2. What Is 5G Network Slicing

2.1. Advantages of Network Slicing



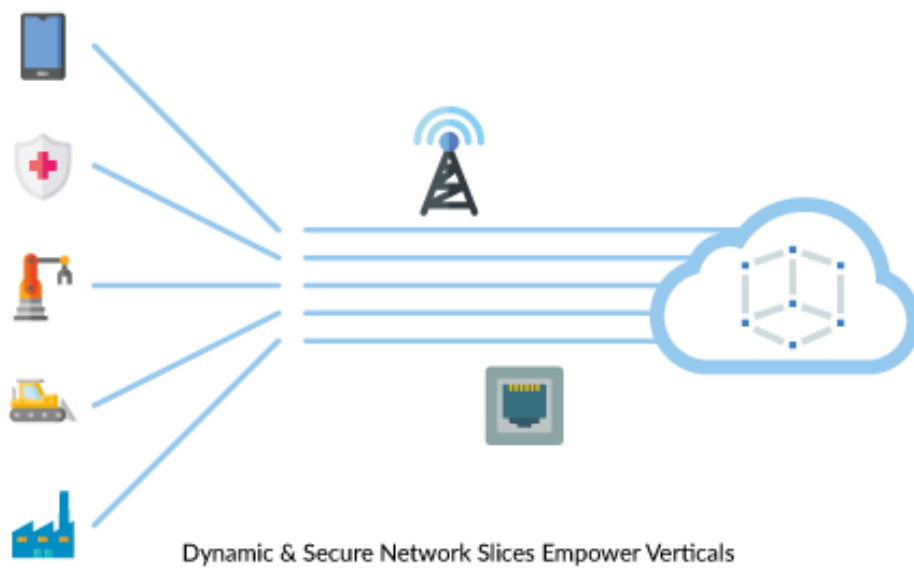


2.2. Network Slicing Services

1. eMBB (Enhanced Mobile Broadband)

2. uRLLC (Ultra-Reliable Low Latency Communications)

3. mMTC (Massive Machine Type Communications)



3. The Current Market & Industry Analysis

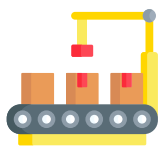


3.1. Challenges

3.2. Benefits of Using 5G and Network Slicing

- **Low Latency**
- **Offers Diversified and Isolated Network Services**
- **Security**

4. 5G Network Slicing Empowering Vertical Industries



Automated
Manufacturing



Healthcare
Departments



Defense



Self-Driving Vehicles



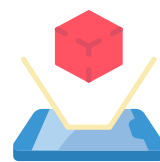
Smart Cities



Smart Homes



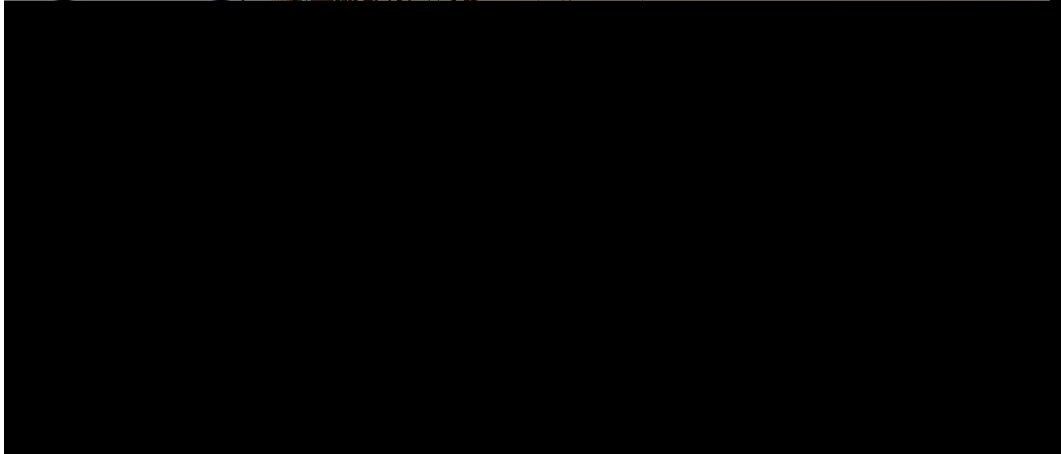
4K/8K Video
Streaming



Virtual And
Augmented Reality

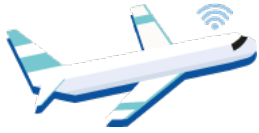


4.1. 5G Smart Grid

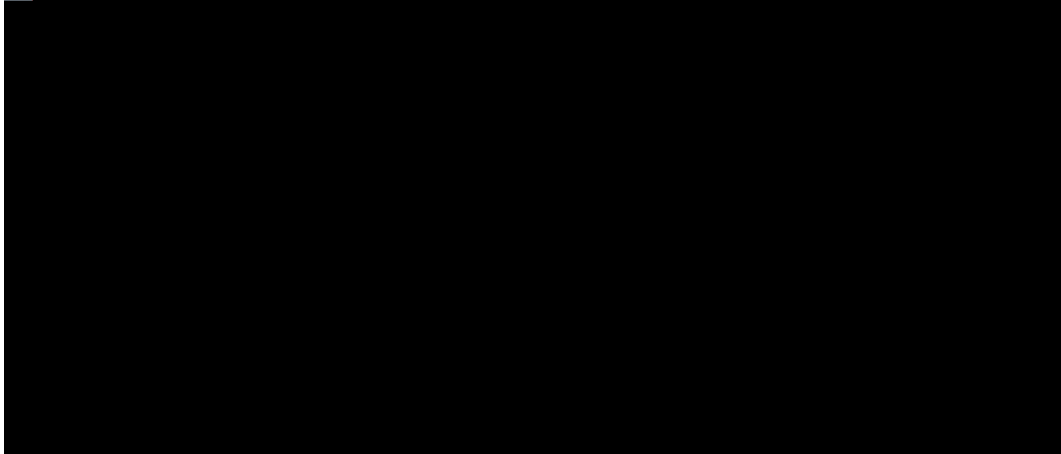


- **Power Station & Lines Inspection**



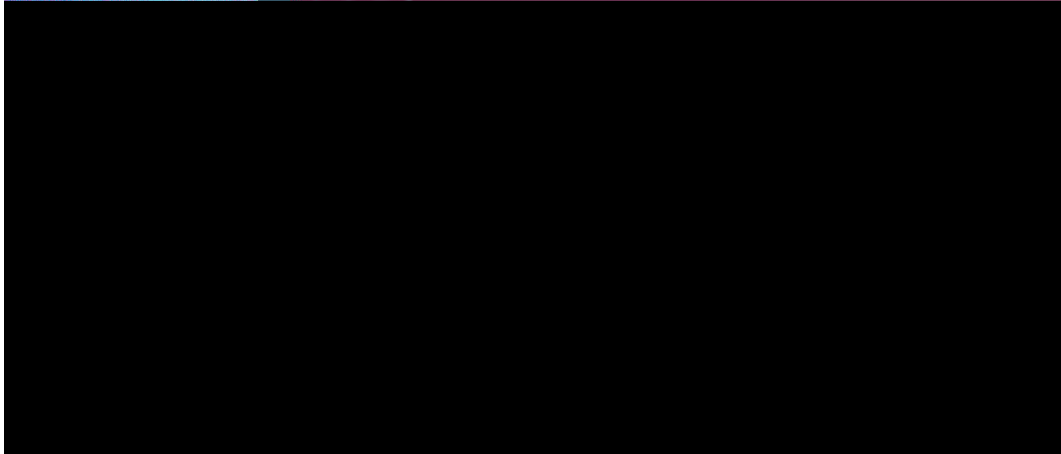


4.2. 5G Intelligent Mining





4.3. 5G Smart Port





Application Scenario	Scenario Description	Overall Requirement	Network KPI Requirement		
			Latency	Bandwith	Reliability
Remote Control Based on Video					
IGV/AGV					
Video Surveillance					
Sensor Data Collection					

4.4. 5G Live Stream





5. Conclusion



A futuristic landscape with a city and a glowing blue sphere. The scene is set against a backdrop of rolling hills and a cityscape. In the foreground, a large, glowing blue sphere with a grid pattern is visible, surrounded by a network of lines and nodes, suggesting a network or data flow. The overall aesthetic is high-tech and digital.

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