PRIVATE LTE AND 5G
Market Pulse

Manufacturing has accelerated the adoption of 5G to run more advanced applications aided by private networks at the edge. How are they planning with 5G and what have they have achieved already?

Skepticism about 5G Standalone has waned post-covid

The case for 5G is far more compelling post-pandemic for the manufacturing industry

Rapid adoption of 5G is unmistakable post-pandemic

2%
Will never implement 5G

56%
Will test or use 5G by end-2021

91%
5G connectivity will be crucial to their future

91%
Speedy 5G deployment will enhance their global competitiveness
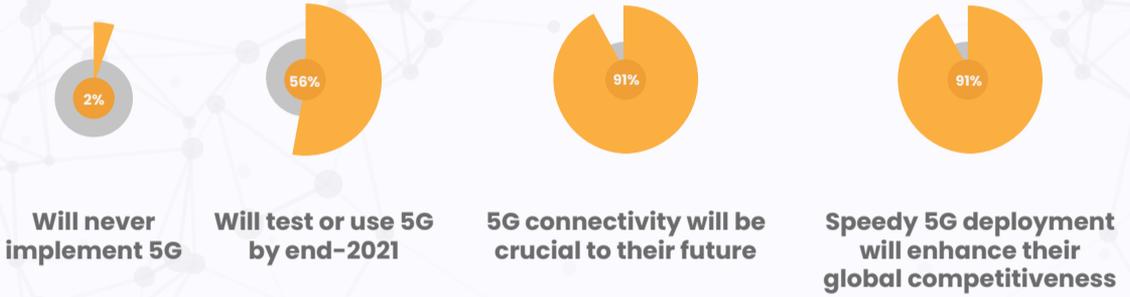
Manufacturers have identified the use cases that makes 5G adoption valuable

81%
Logistics visibility

88%
Engineers can troubleshoot remotely

83%
Inventory tracking

76%
Assembly

88%
Remote visibility and monitoring

76%
Video Inspections

Favorable ROI is playing a role in encouraging manufacturers to adopt 5G

93%
Expect an average of cost savings of 38%

94%
Expect productivity gains in machines

93%
Expect productivity gains from workers

5G considerably eases the adoption of new technologies compared to existing connectivity options

78%
Real-time communications

75%
Remote monitoring

72%
Remote analytics

71%
Augmented reality and virtual reality
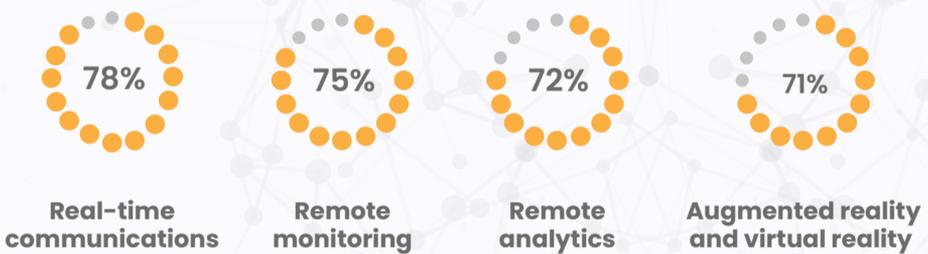
Private networks create an environment to operate advanced applications at the edge

51%
Believe that 25-80% of manufacturing use cases require an edge platform

78%
Will introduce time-critical use cases using private 5G network within a year
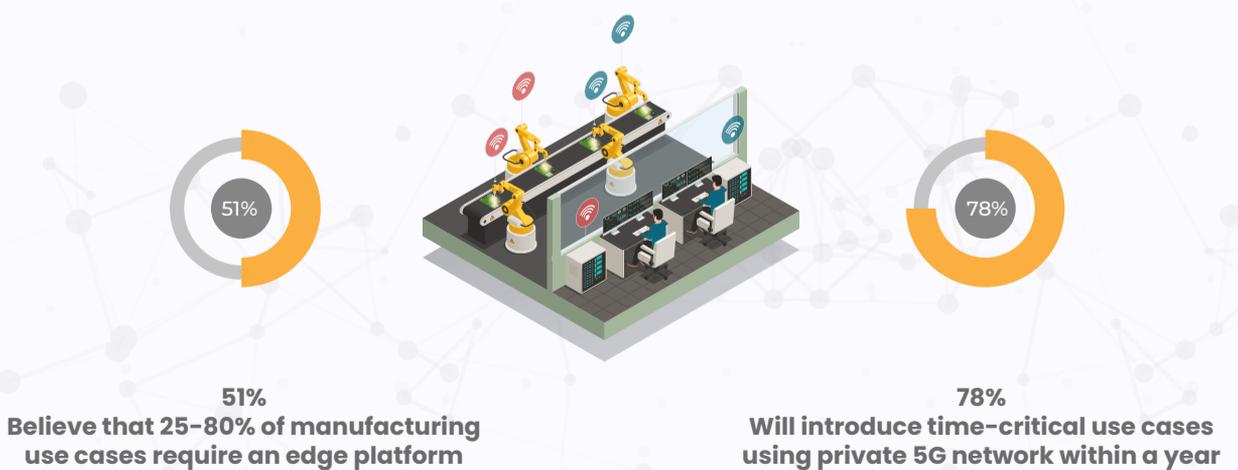
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Sources: Manufacturing Institute; Analysys Mason