



5G MALAYSIA DEMONSTRATION PROJECTS

FREQUENTLY ASKED QUESTIONS

1. Do you agree that the adoption of 5G private network will benefit the Oil and Gas industry and the nation thus grand them to operate 5G network independently on their own due to the nature of their business?

Answer:

Yes, since O&G operators operate mainly in remote distant location from major Telcos infrastructure/coverage, it is not commercially viable for Telcos to invest in those territories. Current infrastructure cannot cope with the demand and new applications to serve near future digital oil fields.

2. What would be the application used in Oil and Gas industry?

Answer:

- M2M data extraction for big data analytics - Enhanced Plant Performance & Efficiency.
- Robotic and Automation - Remote Platform Monitoring and Control.
- 4K CCTV with video analytical, personnel body sensors and real time location system - Health Safety Environment in Real Time.

3. How 5G will benefits Oil and Gas industry?

Answer:

- Improve operation and production with projected value of USD 1.05 Bil revenue from 6% to 8% increase in production.
- Facilitate remote monitoring and diagnostic, ensuring 24x7 updates on facilities' status.
- Improve workers safety with effective forecast fatigue of personnel real time condition monitoring.