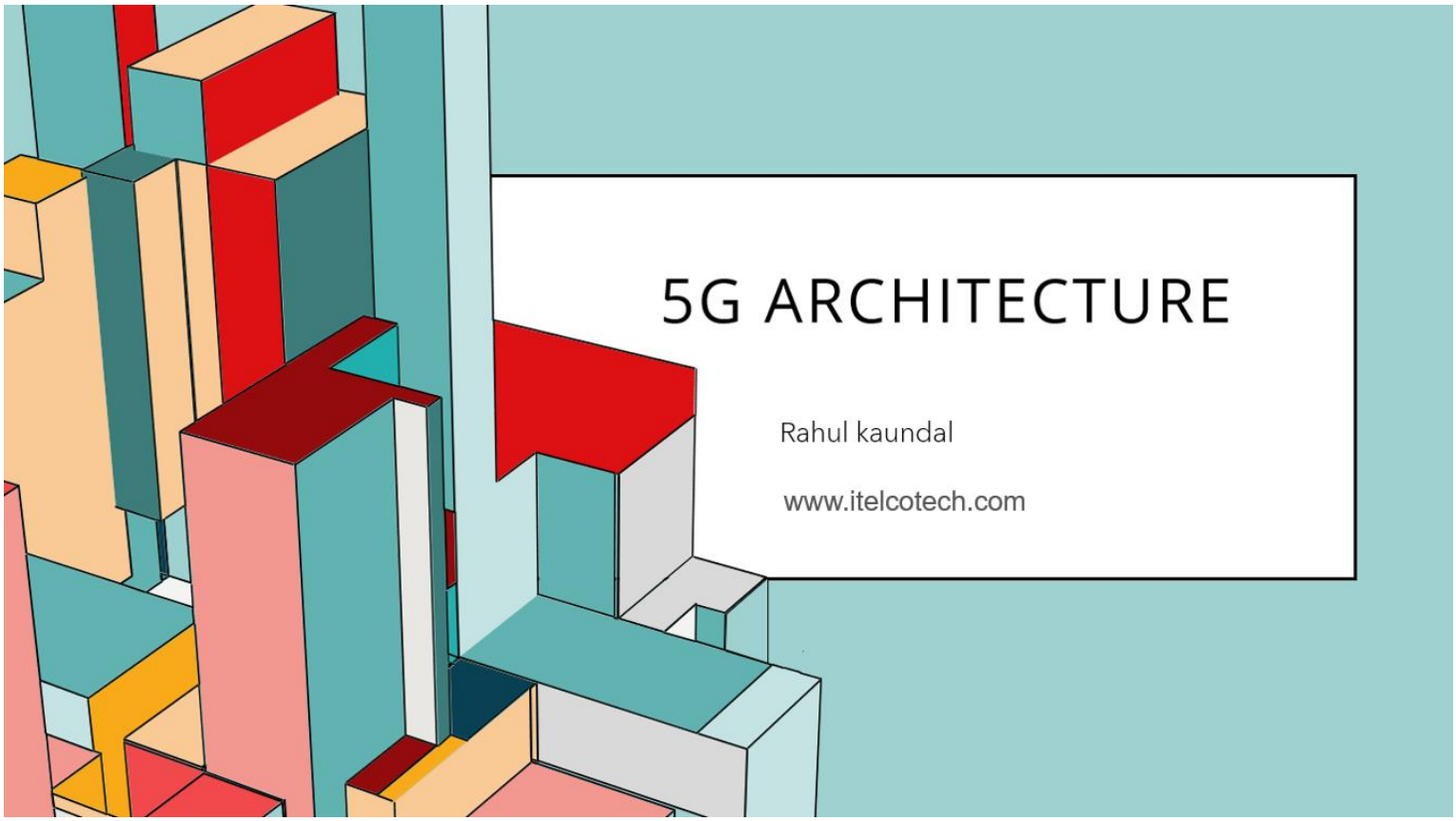
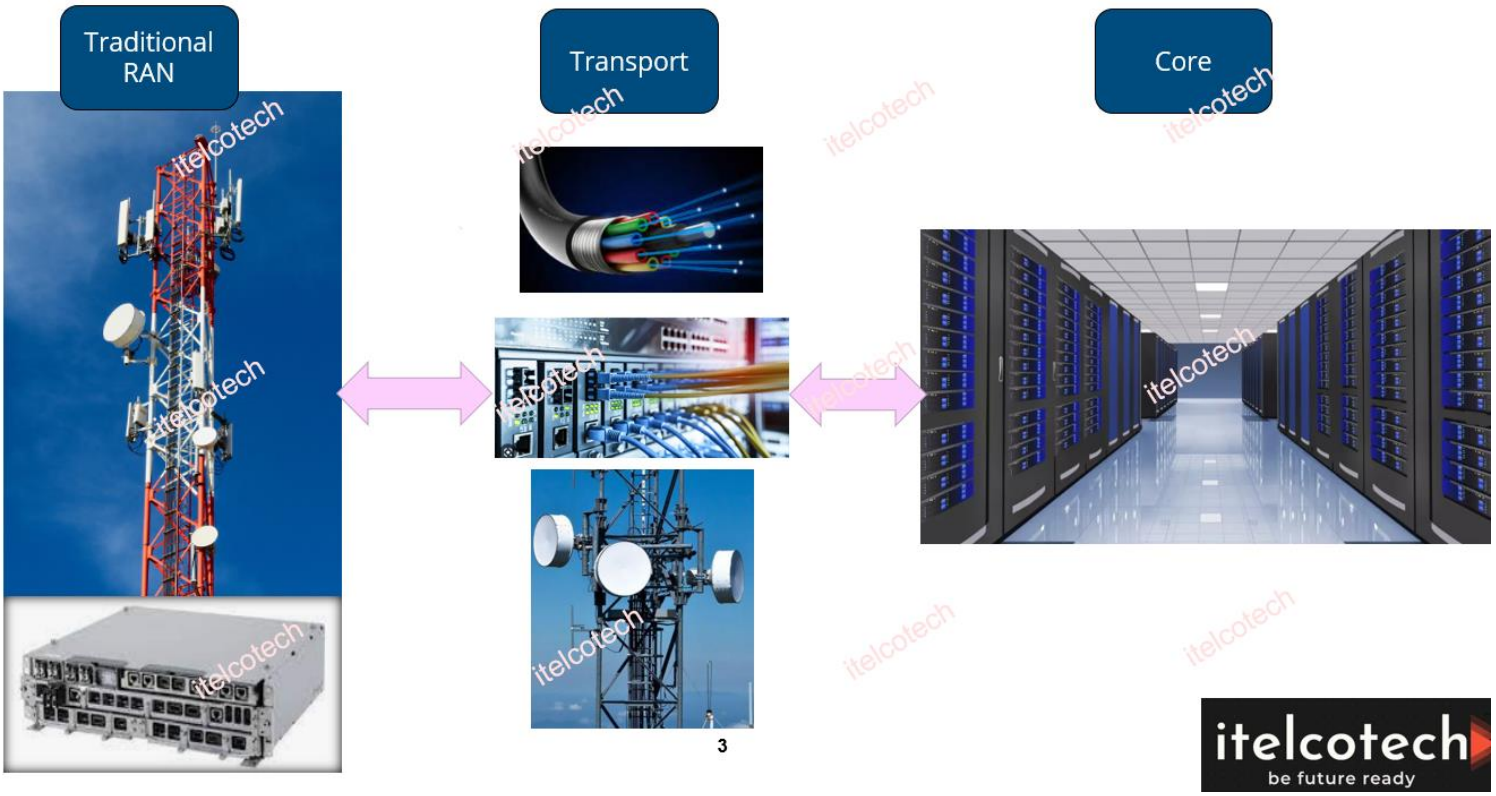


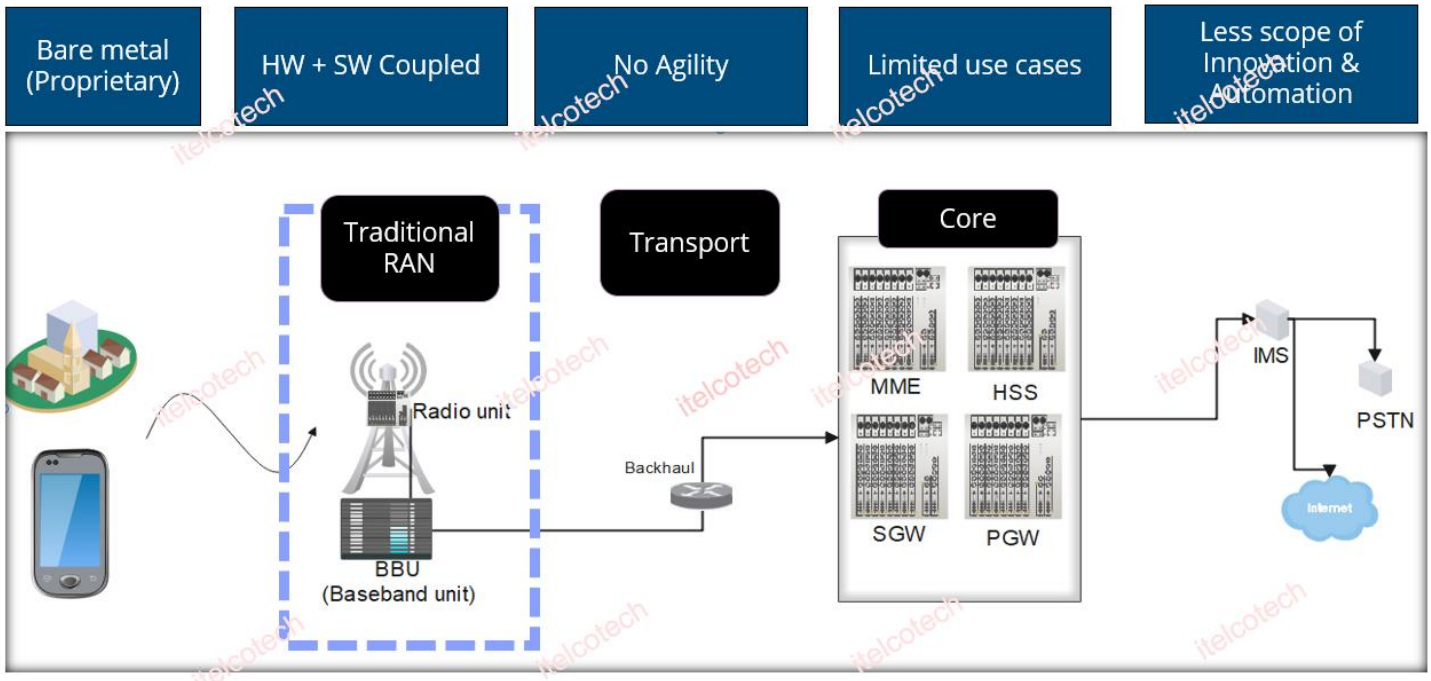
AGENDA

- **Traditional Telecom Network**
- **Building blocks of 5G**
- **Network Architecture – Traditional Vs 5G**
- **5G New Radio (NR) Architecture**
- **Transport Network Architecture**
- **5G Core (5GC) Network Architecture**

Telecom Network

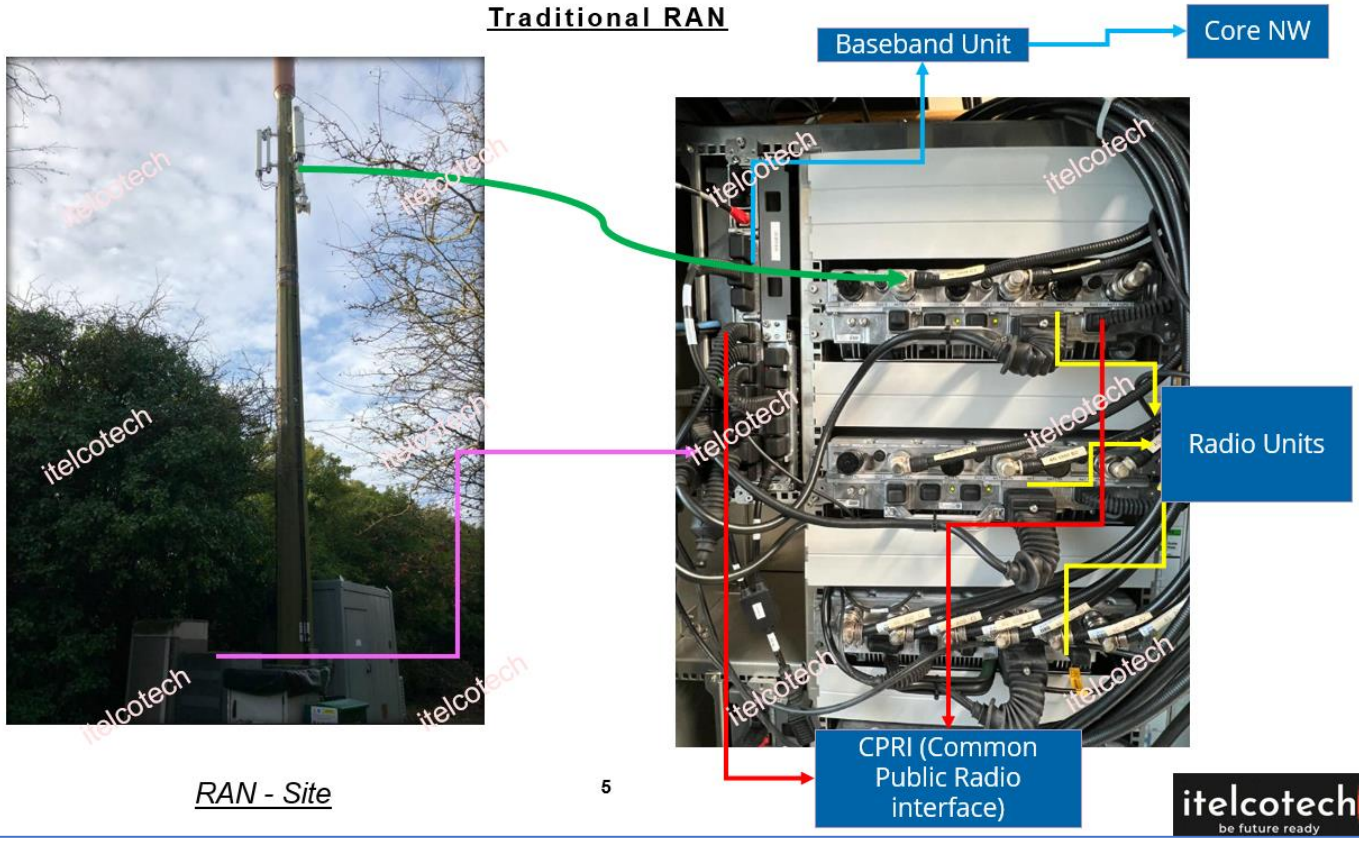


Traditional Network



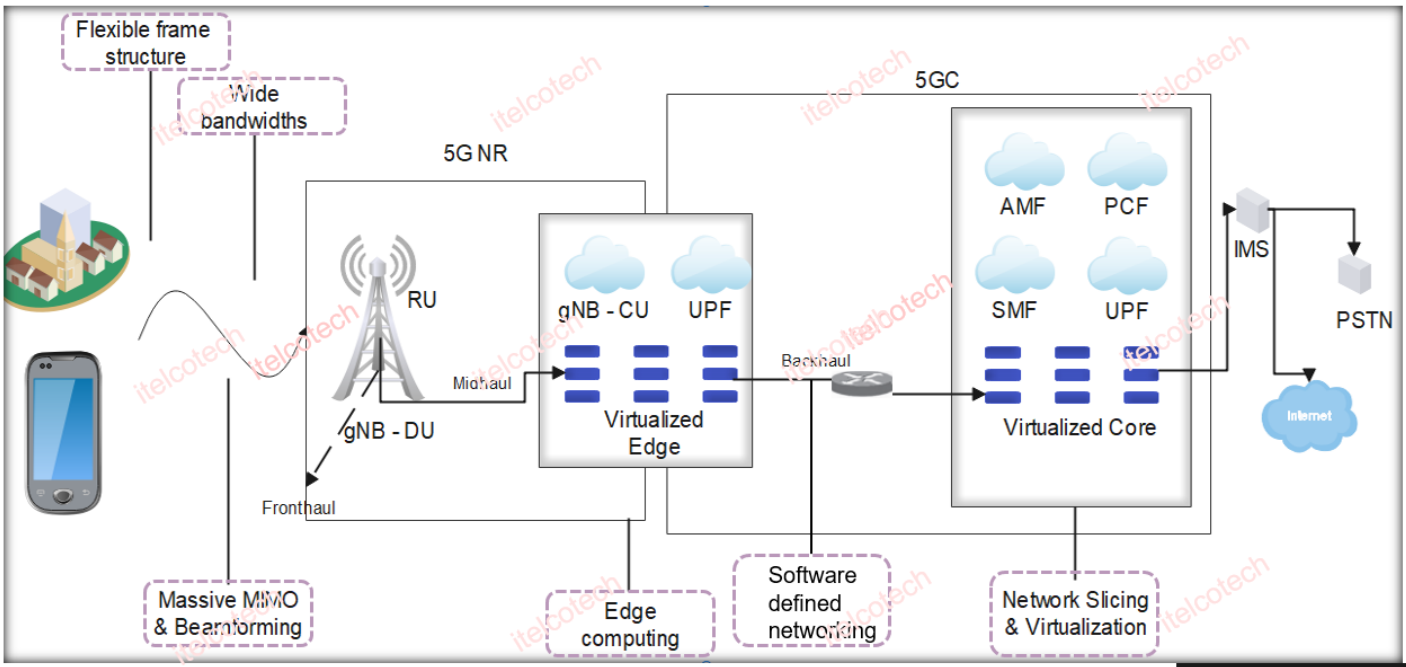
Telecom Network Architecture – High level

Traditional RAN



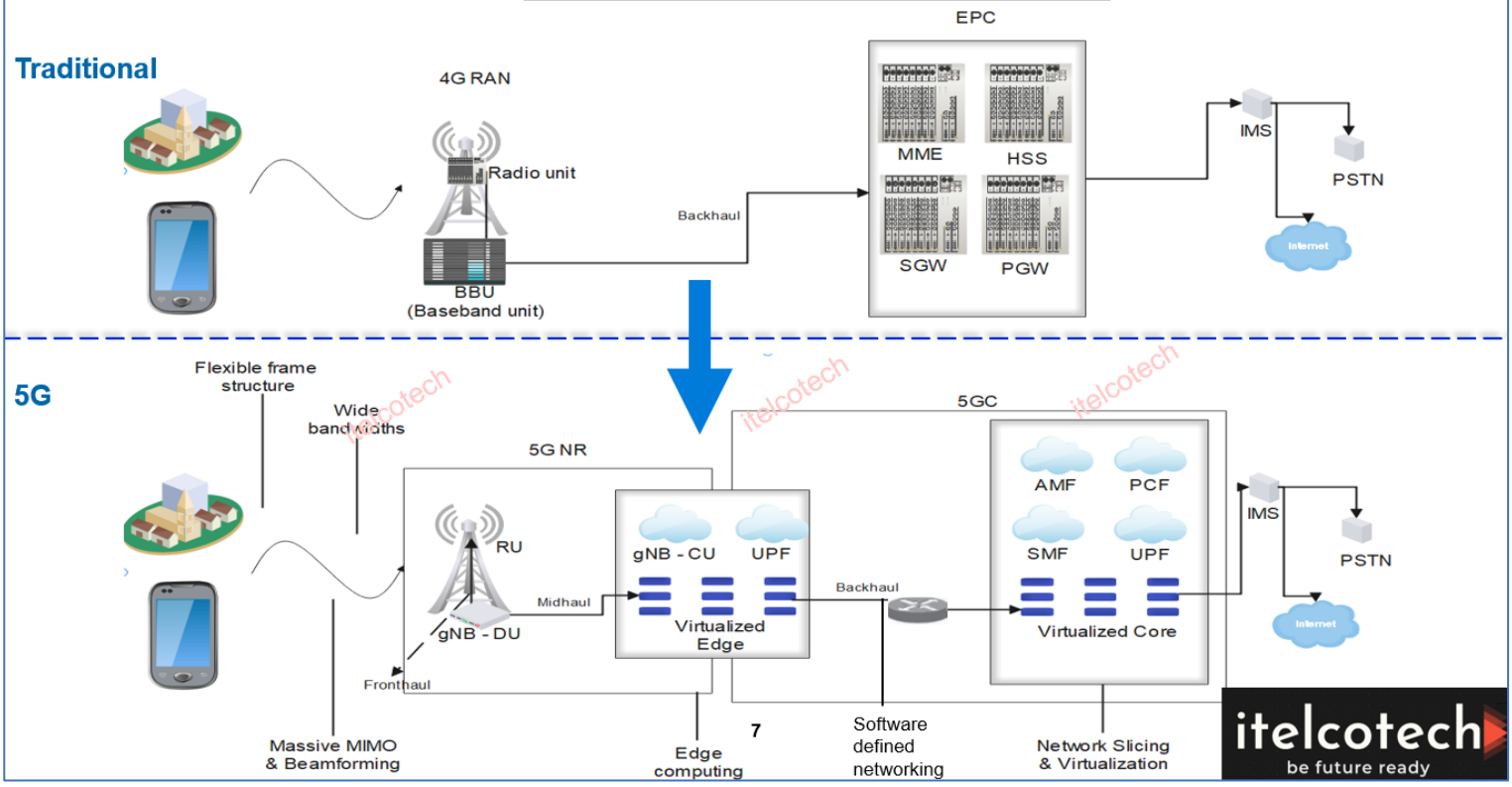
RAN - Site

Building blocks of 5G

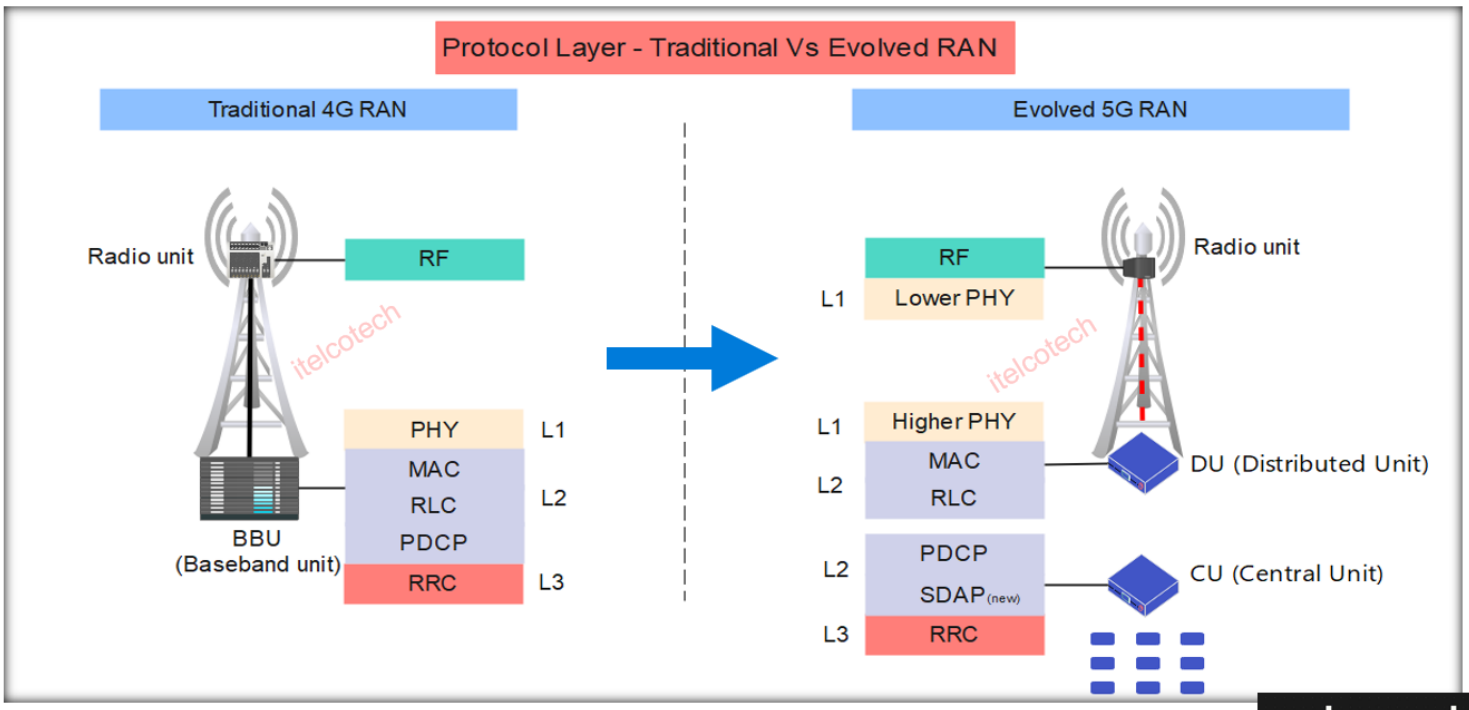


NR – New Radio (5G RAN); 5GC – 5G CORE;

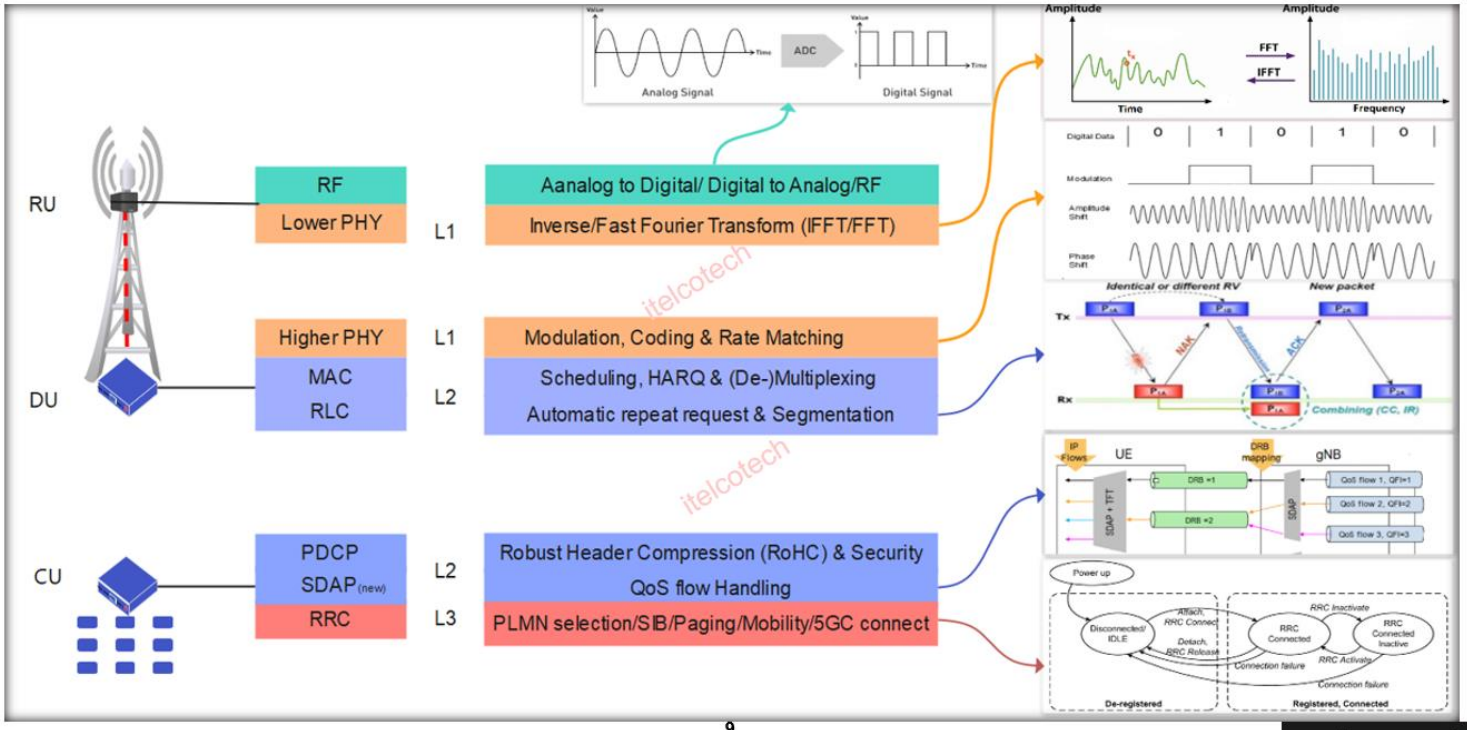
Traditional Vs 5G Network Architecture



5G New Radio (NR) Architecture



5G RAN Protocol Stack



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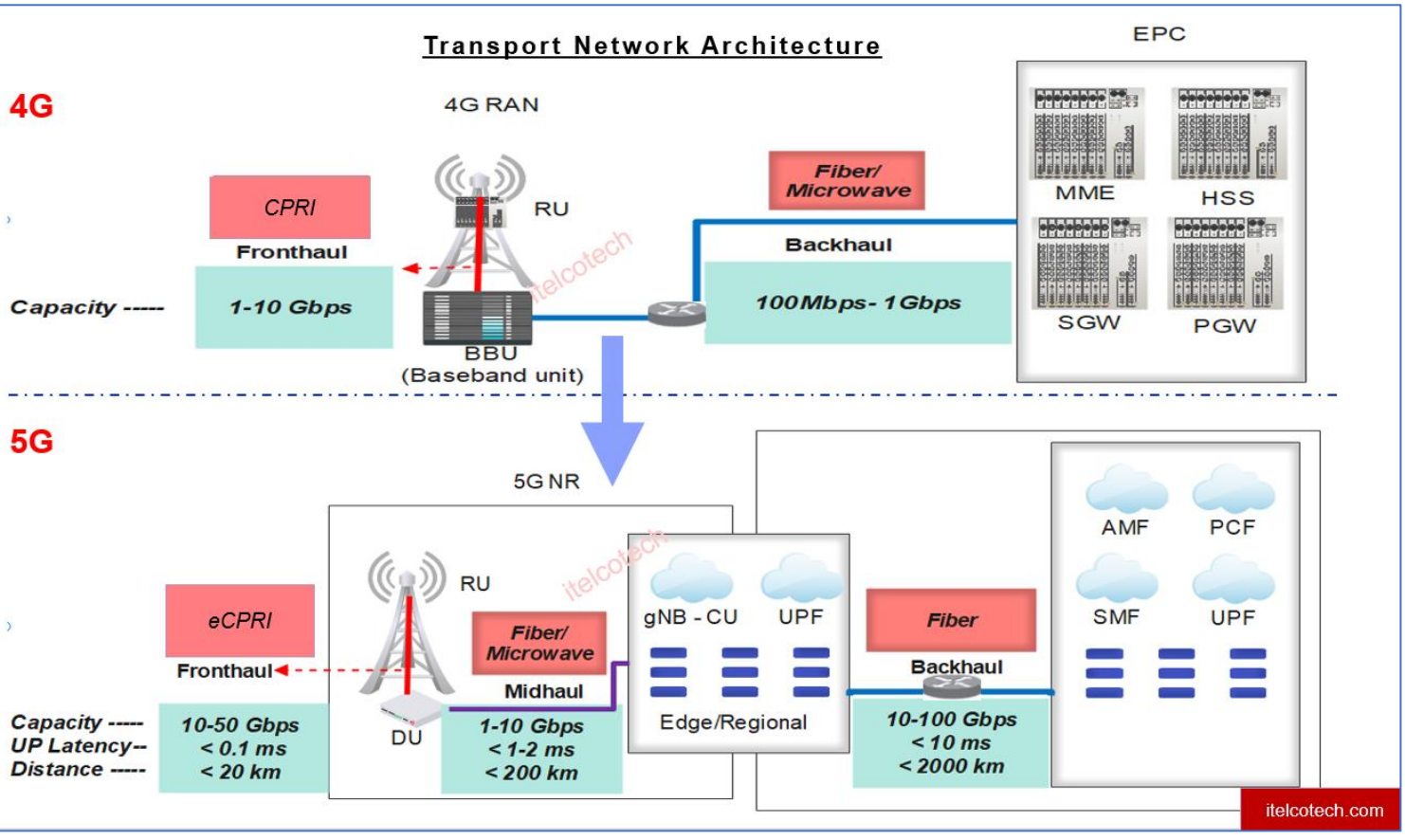
Transport Network Architecture



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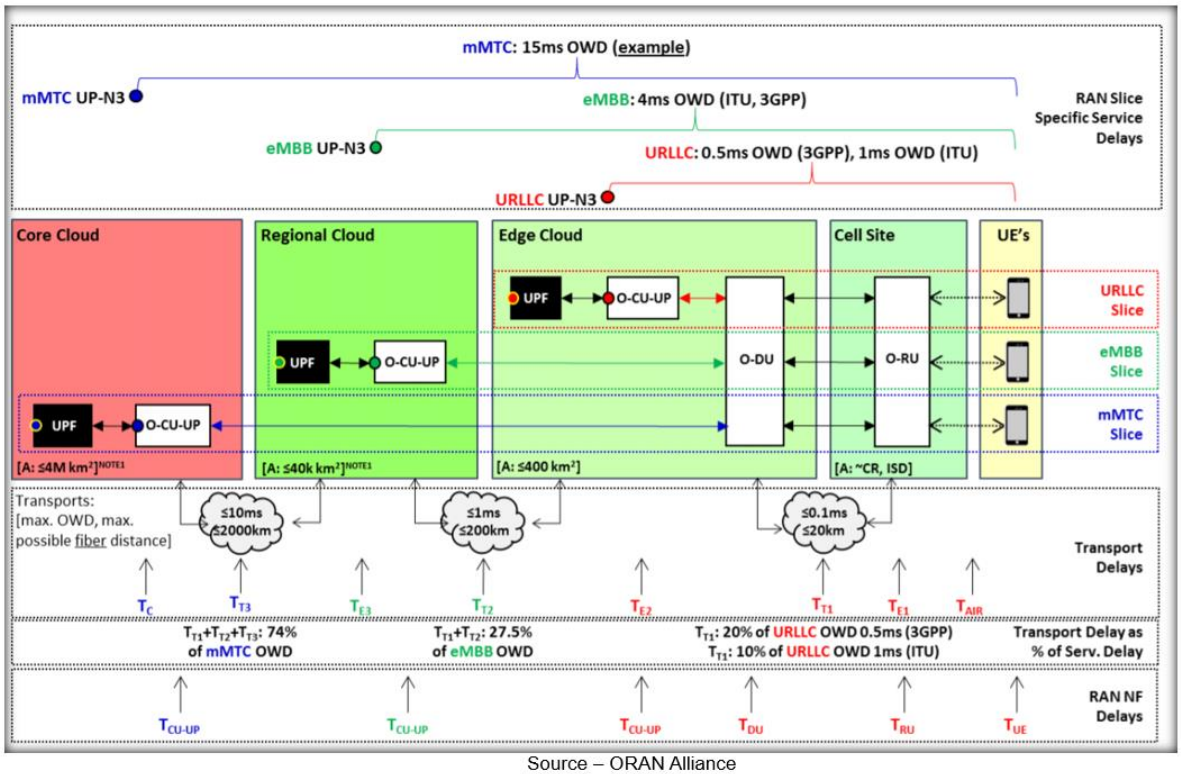
Transport NW Architecture – Service level



Source – ORAN Alliance