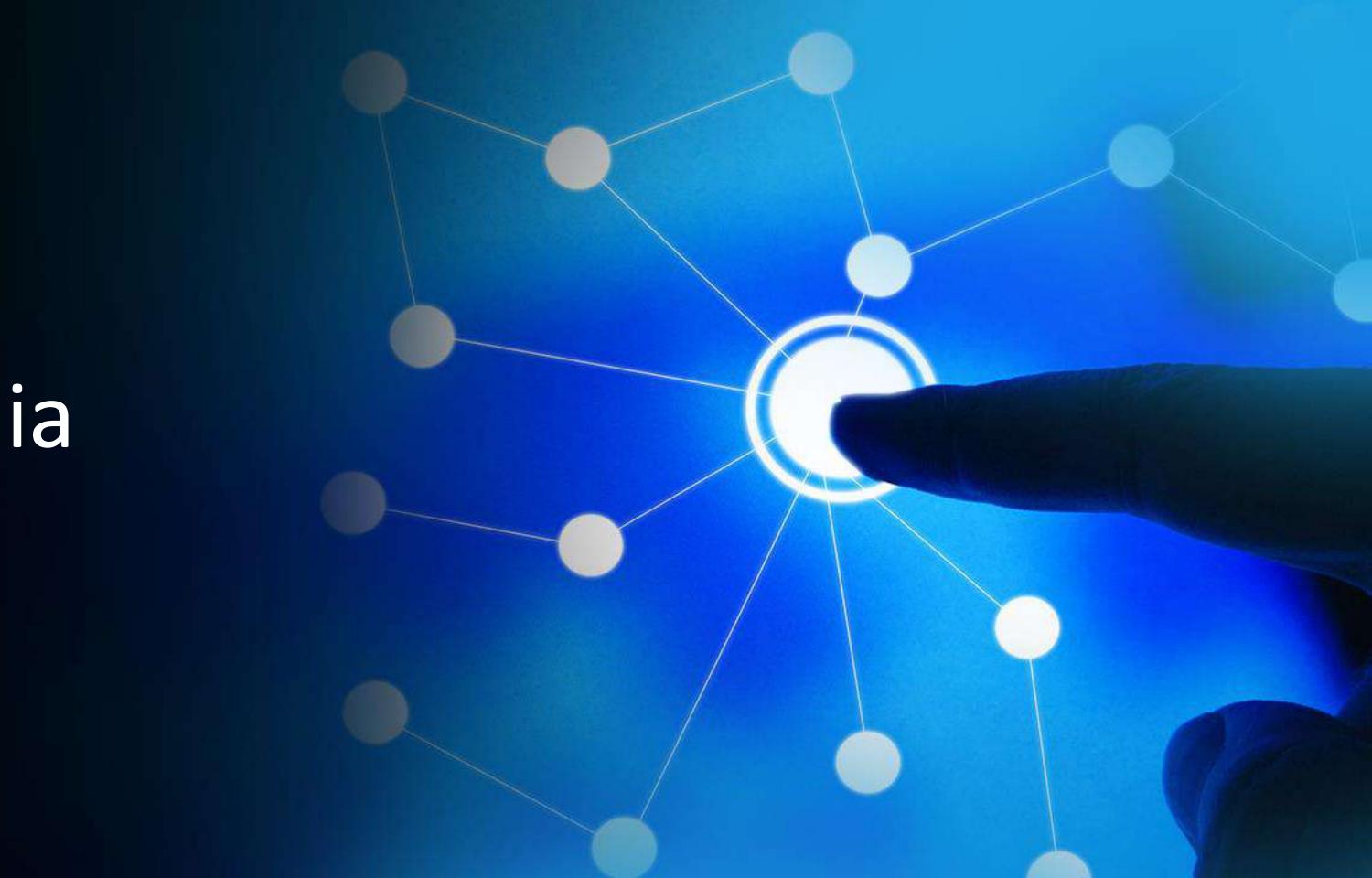
Catalyzing 5G launch in India







1.2 Bn Connections

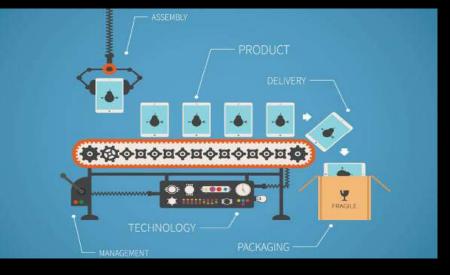
2.4 Bn GB data usage

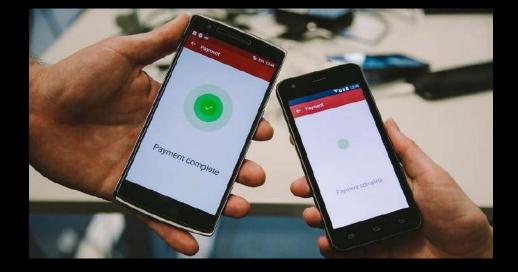
2023

1.5 Bn Connections 20 Bn GB data usage

This exponential demand can only be met through 5G







200 Mn Connected devices

1 Bn transactions

2 Bn Connected devices

1 Tn transactions



Network Key enablers for 5G adoption Device Digital India



Ecosystem





•

Extreme capacity - Tbps / cluster

Ultra speeds - 100Mbps+ user experience Digital Indiaultra density - millions of connection

Deep coverage

Ultra low latency - 1 to 2msec

Sri Lanka





Burmal



Band-40 for 5G-NR \bullet

VoNR as native service with single profile across devices & operators



Network – Maximuma Reuse of legacy Assets

5G Compatibility of BBU, radios

NSA (Option-3x) for reuse of EPC

vRAN with non-ideal fronthaul

Relay solution – integrated access & backhaul



- HPUE for Band-40
- Dual Sim 95% of smartphones in India are Dual SIM

standards for all three modes – DSDS, DSDV, DSDA

- USIM for 5G authentication
- UE capability QoE reporting

Devices – performance & readiness





Smart healthcare

5G



Smart manufacturing

Smart services

Definition & standardization



ECOSYSTEM - Integration with Industry verticals **Economies of scale**

NB-IOT to be forward compatible with 5G, No changes in NR based solution

Our Journey to 5G has started



Smart water meter









Smart parking

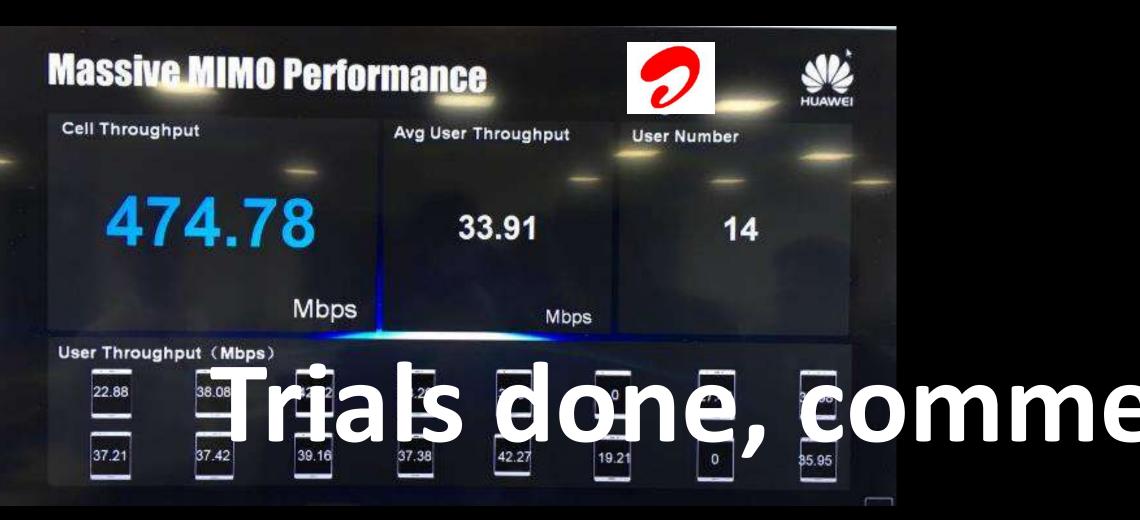






IOT Use cases Implemented





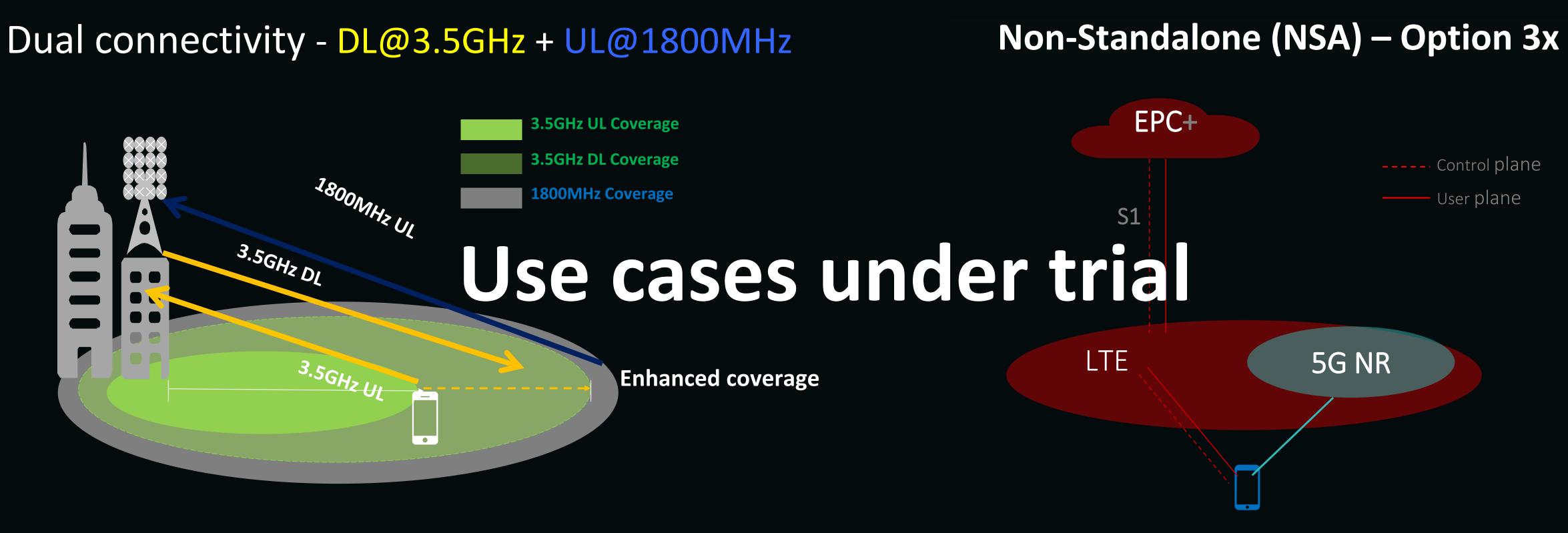
India's first Massive MIMO in live network..

MAX: 3.10 100M@ 3.5G Mbps Mbps Ighput (Mbps) 190 16 37.38 A CONE, Commercial deproyment started 1.32ms 1.32ms

Single User DL

India's first 5G Trials





Thanks