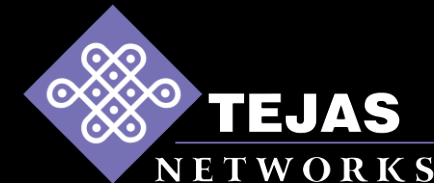


Challenging the Status Quo Redefining Radio Access Networks

Harmeet Singh

May 2026

About Tejas



Founded 2000

IPO 2017

Acquired by Tata 2021

RAN & Wireline products

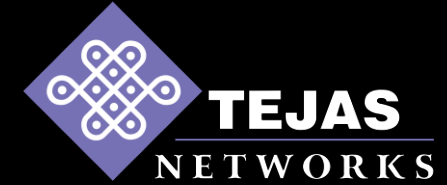
RU in any band

Trusted Supply Chain at scale

TATA founded 1868
Global revenue ~ \$170B
In the US, 16 OpCos with ~50,000 employees



Network X – May 2025



Tejas was chosen to deliver RAN equipment for 100,000 sites

Tejas launched the network in 100k site network in 18 months

Enabled by designs that enable quick turn across all bands

Production capacity of 50,000 RUs/month – cost leadership

Along the way – Tejas built a trusted Supply Chain at scale

Is there a room for a new RU supplier, will ORAN succeed...?

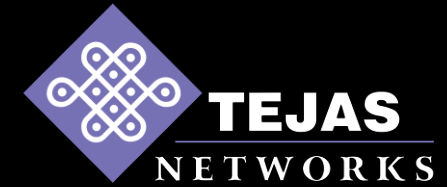
100,000 site RAN Performance

Radio portfolio growth

ORAN success

Future

100,000 site experience



100,000 site deployment enabled industry leading TCO

- Indigenous R&D
- Integrated HW/SW stack
- In-House manufacturing
- Manufacturing innovation

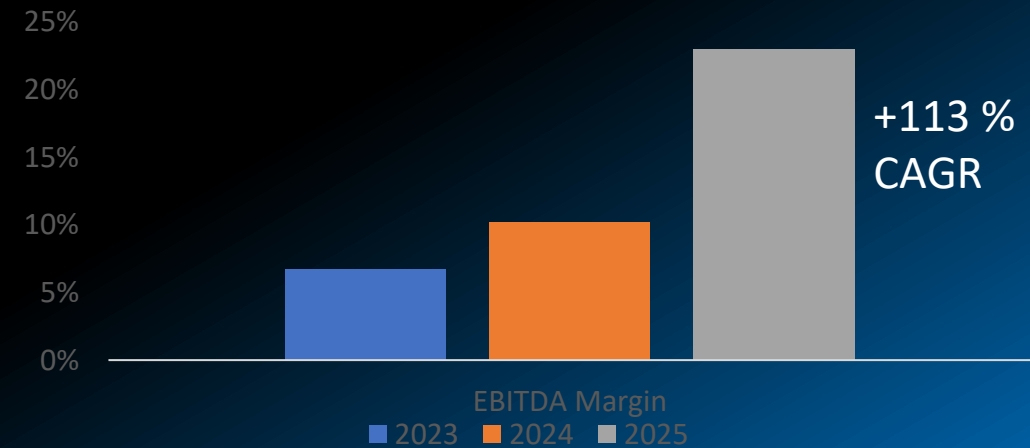
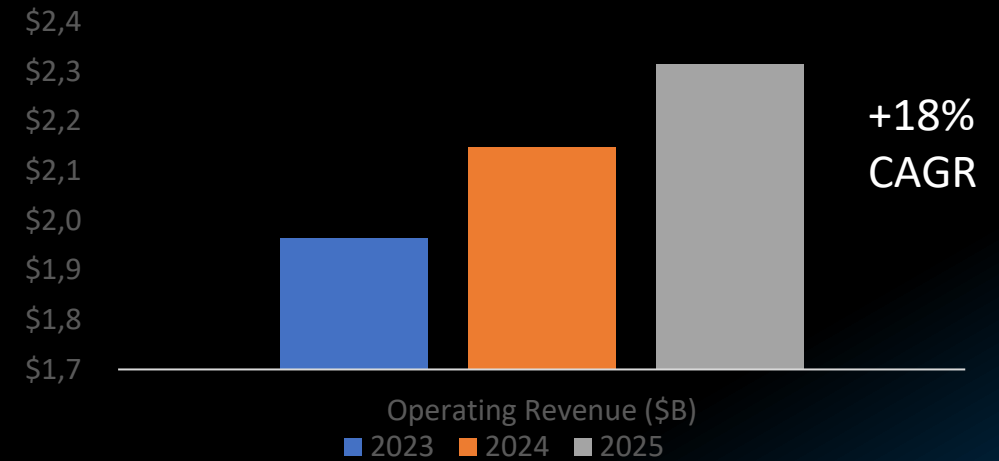
Lowest TCO

Major KPIs were met

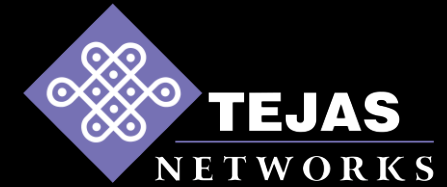
- NW Availability
- VOLTE Traffic
- RRC Drop Rate
- RRC Connection SR
- ERAB Setup SR
- ERAB Drop Call Rate
- PS HOSR

High Performance

Impact on Customer Financials



Radio Portfolio Growth



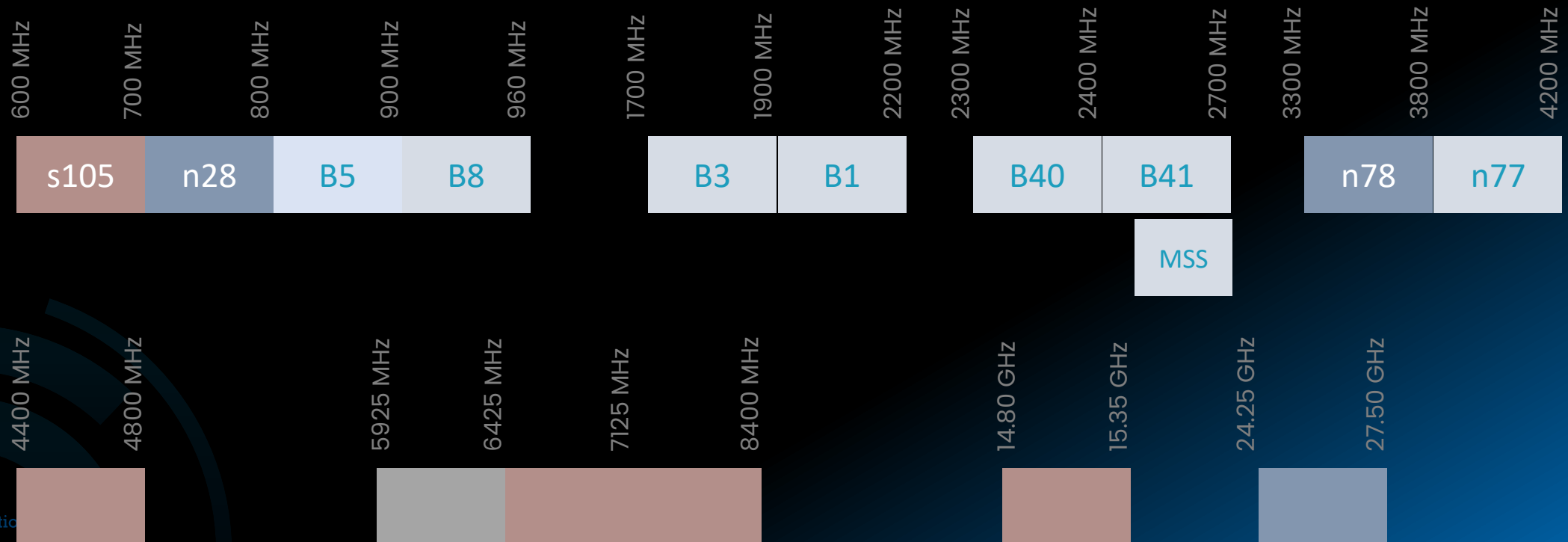
Platform Based RU design

Fast implementation of new tech.

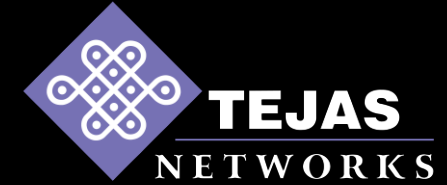
- PA, LNA, RF-FE, Digital BB
- Filters

Multiple suppliers for cost & performance

Integrated engineering with production & testing; automation



ORAN Success – Field Trial (1 of many)



Record Execution Velocity

PoC site installed and commissioned in 4 days

- New mMIMO (n78) RU
- 3rd party CU/DU
- Packet Core integration

Challenges Overcome

- CSR & Timing Synchronization: Addressed complex configuration and interworking issues across multi-vendor environment
- Beamforming Alignment: Leveraged learnings from broader O-RAN deployment challenges

Key Technical Achievements

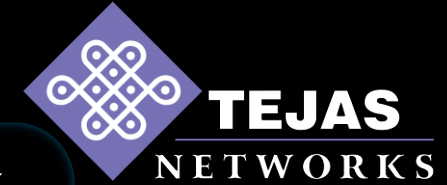
- Achieved >1 Gbs throughput
- Delivered seamless mobility (HO performance)
- Regulatory certification granted on first attempt

With the right partner, you can

- Deliver complex O-RAN deployments under tight timelines
- Manage multi-domain integration challenges
- Achieve high performance and compliance from day one

ORAN is no longer an experiment

New Innovations



ORAN enables fast introduction of new features in the network

Tejas made 185+ contributions to 3GPP in FY26

5G- Adv

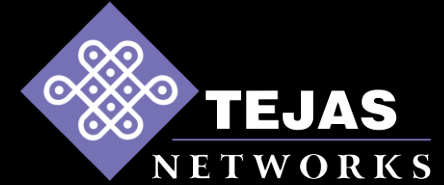
AI/ML for NG-RAN	AI/ML data/model transfer
AI/ML for Air Interface	AI/ML for Air Interface (JSCM)
MIMO Evolution	MIMO Operation
Duplex Evolution	Waveform,
A-IoT	Coding, modulation
NES Evo	Initial Access
LP-WUS/WUR	EE
Mobility enhancement	WUS
SON/MDT	Mobility
Channel Model (ISAC)	Built-in SON/MDT
NTN Evo	ISAC
XR Evo	NTN
	XR Evo

6G

Other contributions

LMLC (Low Mobility Large Cell)/Extreme Rural/Configuration D and SCLC (Single Cell Large Coverage) scenarios (4.14) in ITU EVAL and 3GPP 38.914 for cost-effective rural deployment viable for low ARPU customers.

In closing...



Low TCO enabler – drives Service Provider profitability

Band Agnostic Fast Radio turn – high velocity deployment

ORAN is here – for those willing to embark on the journey

Leverage ORAN for fast adoption of 5Ga and 6G features

Thank you

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