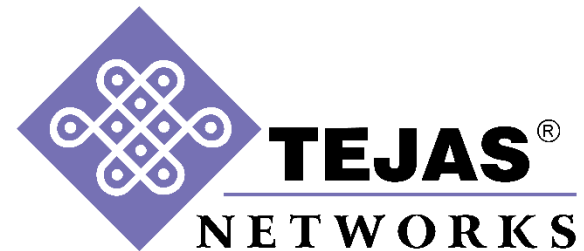


# Trusted Broadband Solutions for 1<sup>st</sup> India ISP Conclave



**Vasudeva Rao Hundi**  
**Head of Wireline PLM**



# Tejas Networks: A Snapshot

## • About Tejas

- Headquartered in Bangalore (India) founded in 2000; publicly listed in 2017
- Customers in 75+ countries; 750,000+ units shipped worldwide
- Top-10 in global optical aggregation and FTTX products (*Source Ovum*)
- Presence in all major telecom networks in India- Private and Government
- Largest exporter of Design-and-made in India telecom equipment
- Established world-class quality: TL9000 certified; 99.999% field uptime

## • Technology Differentiation: “Software-defined Hardware”

- Innovative use of programmable silicon devices for time-to-market and cost
- Focus on innovation: 440+ global patents and 330+ silicon IPs
- >50% employees in R&D; Top-3 (%age of revenues) amongst listed companies
- End-to-End Capabilities in Wireless & Wireline Technologies: 4G/5G Cellular, Terabit Packet-Optical Networking, Satellite IoT, 5G Broadcast (Direct-to-Mobile)

## • Innovative business model

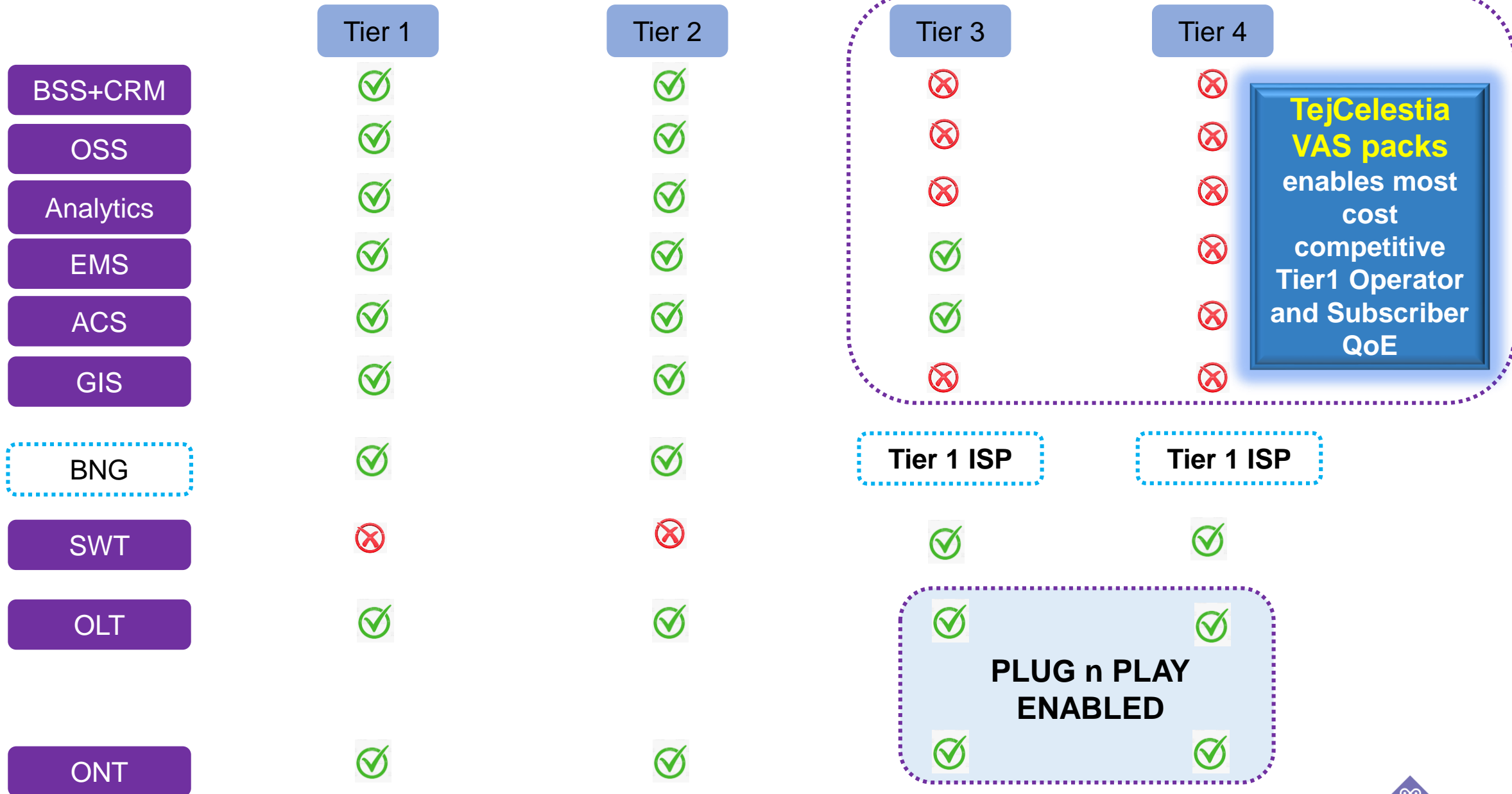
- Leveraging India’s R&D cost advantage and unique product architecture to create globally competitive products
- Asset-light, cost-effective manufacturing

## • Backed by Tata Group- India’s most reputed business conglomerate

- Tata Sons acquired a majority stake in Tejas in Aug-21
- Tejas has acquired majority stake in Saankhya Labs, a wireless and semiconductor startup in Bangalore



# Enabling Broadband ISP Solution Requirements



# Introducing TejCelestia

Pre-Integrated AOaaS\* (Automated Operations as a Service) **Bundled VAS Packs** for BB roll out

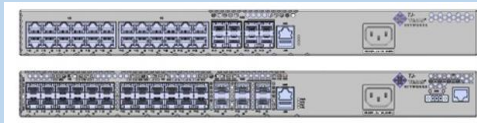
## Pre Integrated BSS + OSS

Analytics

ACS

GIS

### TJ5500



24x1G + 4x10 Switch (TJ1400P-M2)  
24x10G Switch (TJ1400P-H)



4P GPON (TJ1400-4G)



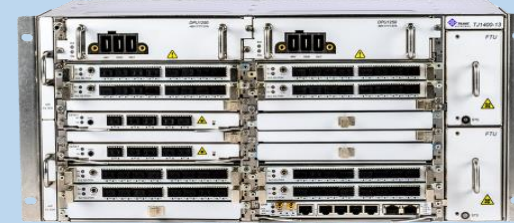
8P/16P GPON (TJ1400-8G/16G)



8P/16P MULTI-PON (TJ1400-8C/16C)



Modular 32P GPON (TJ1400-7)  
Modular 16P MULTIPON (TJ1400-7)



Modular 64P GPON (TJ1400-13)  
Modular 64P GPON + 16P MULTIPON (TJ1400-13)  
Modular 64P MULTIPON (TJ1400-13)

### TJ1400-18



Modular 128P GPON  
Modular 98P GPON + 32P MULTIPON



SB GPON ONT



DB GPON ONT



XGSPON ONT



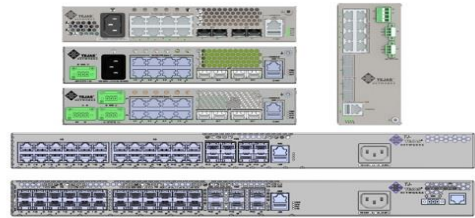
# Cost Competitive and Complete (CCC) Switch portfolio for IISP Broadband providers

← 8/24/48 port Electrical (PoE/non-PoE) / Optical Layer2 / Carrier Ethernet / →

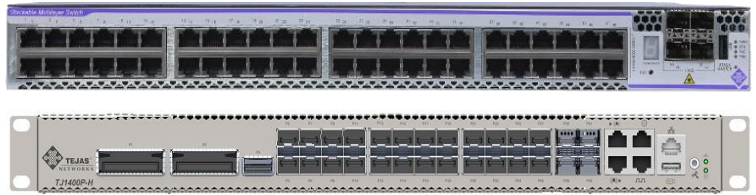
**Access** **Distribution/Aggregation/Core**

**Shipping**

TJ1400P-M1/M2 Switches  
4/8/24 x 10/100/1000M w 1G uplink (I/C)  
24 x 1G + 4x10G uplink (C)



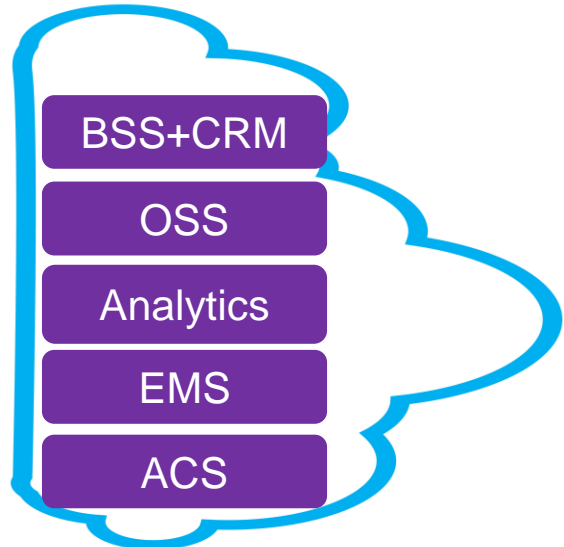
TJ1400P-M3 Switches and TJ1400P-H  
24/48 ports + 4x10G + 1x 40G  
24 x 10G



**On Roadmap**

48 ports with 10G uplink L2 Switch (C)  
16 ports with 10G uplink (C)  
M-Gig Switch

# Value Added Service (VAS) packs for Tier 3/4 ISP's and LCO's



SWT

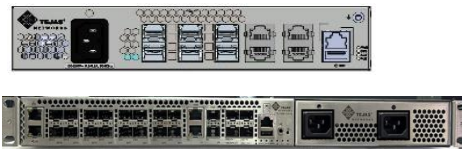
OLT

ONT

24P 1G + 4x10G  
24x10G



4P GPON



8P/16P GPON



SB ONT

DB ONT

**VAS Pack 1**

Annual Subscription based licensing

2

20-4P OR  
10-8P OR  
5-16P

5000

**VAS Pack 2**

Annual Subscription based licensing

4

40-4P OR  
20-8P OR  
10-16P

10000

**VAS Pack 3**

Annual Subscription based licensing

8

80-4P OR  
40-8P OR  
12-16P

20000

**VAS Pack 4**

Annual Subscription based licensing

16

160-4P OR  
80-8P OR  
24-16P

50000

# Network Support Group (NSG)

## PAN India Presence of 500 Support Engineers



# xPON Deployments in India



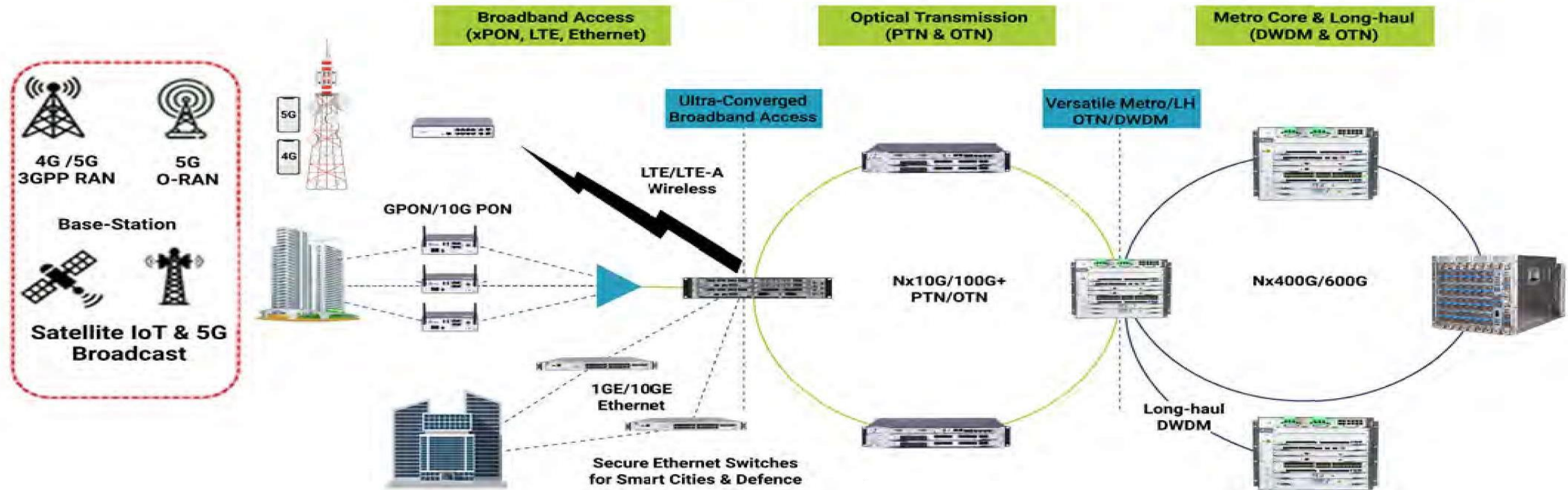
## AATMA-NIRBHAR BHARAT



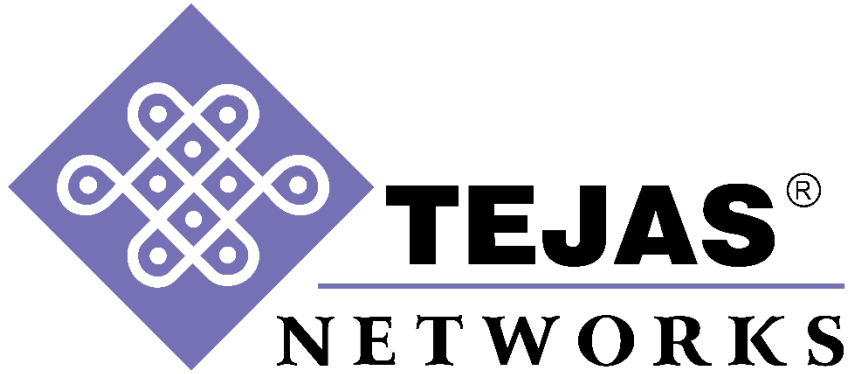


# Product Portfolio: Access, Aggregation, Metro, Core

AI Enabled, SDN-ready Network Management System (NMS)



- **Wireline:** Optical Transmission, Broadband Access of Fiber (FTTX), Secured Ethernet Switches
- **Wireless products:** RAN -5G, Broadcast, Satcom, 4G-LTE for Fixed Broadband and Mobile Networks
- **Trusted Products:** Full ownership & control of all software, hardware, design/IPR and manufacturing
- **Top-3 listed companies in India in terms of R&D spend (as a percentage of revenues)**



Thank you!

## Contact Us:

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