GSMA MWC™ Barcelona

Department of Telecommunications
Ministry of Communications
Government of India

INDIA
@
MOBILE WORLD CONGRESS
BARCELONA SPAIN

27 FEBRUARY – 2 MARCH, 2023

Telecom Equipment and Services Export Promotion Council (TEPC)

☏ **+91 11 23314611**   ✉ **tepc@telecomepc.in**

Department of Telecommunications

The telecom services have been recognized the world-over as an important tool for socio economic development for a nation and hence telecom infrastructure is treated as a crucial factor to realize the socio-economic objectives in India. Accordingly, the Department of Telecom has been formulating developmental policies for the accelerated growth of the telecommunication services. The Department is also responsible for grant of licenses for various telecom services like Unified Access Service Internet and VSAT service. The Department is also responsible for frequency management in the field of radio communication in close coordination with the international bodies. It also enforces wireless regulatory measures by monitoring wireless transmission of all users in the country.

Digital Communications Commission (Erstwhile Telecom Commission)

The Telecom Commission was set up by the Government of India vide the Resolution dated 11th April, 1989 with administrative and financial powers of the Government of India to deal with various aspects of Telecommunications. The Government, vide Resolution dated 22nd October,2018, has re-designated the 'Telecom Commission' as the 'Digital Communications Commission'.

The Digital Communications Commission consists of a Chairman, four full time members, who are ex-officio Secretaries to the Government of India in the Department of Telecommunications and four part time members who are the Secretaries to the Government of India in the concerned Departments. The Secretary to the Government of India in the Department of Telecommunications is the ex-officio Chairman of the Digital Communications Commission. The full-time Members of the Digital Communications Commission are Member (Finance), Member (Production), Member (Services) & Member (Technology). The part-time Members of the Digital Communications Commission are Chief Executive Officer, NITI (National Institution for Transforming India) Aayog, Secretary (Department of Economic Affairs), Secretary (Ministry of Electronics & Information Technology) and Secretary (Department of Industrial Policy & Promotion). The Chief Executive Officer, NITI (National Institution for Transforming India) Aayog has been nominated as a (part-time) Member of the Digital Communications Commission vide the Resolution of the Government of India dated 15th March, 2016

The Digital Communications Commission is responsible for:

Formulating the policy of Department of Telecommunications for approval of the Government;
Preparing the budget for the Department of Telecommunications for each financial year and getting it approved by the Government; &
Implementation of Government's policy in all matters concerning telecommunication.

TELECOM EQUIPMENT AND SERVICES EXPORT PROMOTION COUNCIL (TEPC)

Telecom Equipment and Services Export Promotion Council (TEPC) has been set up by the Government of India to promote and develop export of Telecom Equipment and Services.
Telecom is a strategic sector, and the time has come to focus on self-reliance and security in the telecom sector and TEPC as a Council plays a critical role in furtherance of Telecom export from India and assists its member companies in easy facilitation of their respective exports.

 TEPC has been working with the entire eco-system of Indian telecom exporters as well as various departments of the Government of India to deliver and create end-to-end telecom solutions. Considering the present scenario and the future technological developments and projected demand of the telecom equipment, there exist ample scopes for the telecom equipment production and also for the export.

The Export Promotion Council provide an exporter with assistance to develop and increase exports. It promotes and support export firms in developing their overseas trade and presence. Additionally, also promote government schemes.

THE LIST OF EQUIPMENT/ PRODUCTS DEALT BY TEPC IS AS UNDER:

Mobile Network Equipment, Switching Network Equipment, Transmission Equipment, Access Network, Battery & Power, Devices, Mobile Towers/ Masts, Coaxial & Copper Cables, Data Processing, Antenna, Networks & Communication (M2M Networks/Devices, Smart City Networks), Telecom Services (Licensees: Wireline/ Wireless Voice, Data/ Broadband, Internet, Value Added Services, VoIP, Infrastructure), Radio/ Satellite/ Measurement / Recording Equipment, Handsets/ Subscriber End Equipment, Solar Gadgets, Optical Fibre Cable, Telecom Software (Internet & e-Commerce Services, e-Health), Telecom Consultancy, Technical Audit of Service Providers' Networks, ICT Software, Optical Fibre Cable Accessories, Telecom R&D Technology Transfer, Telecom Training, Telecom Applications (Web Based, Mobile Applications, Customized Software solutions), Defence and Police Networks Infrastructure Projects.

OUR VISION

TEPC aims and works for the benefit of industry in all possible ways, we provide a platform to the industry to showcase their capabilities. We work for the benefits of telecom industry players (in telecom equipment, telecom services/ softwares) through their support and cooperation.

TEPC
Driving Telecom Export

GSMA MWC™
Barcelona

Department of Telecommunications
Ministry of Communications
Government of India

OUR SERVICES

- Members can participate in international trade fairs at subsidized rate under MAI scheme.

- Introduces exporters to appropriate overseas buyers through participation in Trade Fairs/Exhibitions, organizing of Buyer Seller Meets in various target markets with support embassies.

- Maintains liaison with the Government authorities to convey the requirements of the industry and exporters and to ensure appropriate and enabling policy framework for Indian telecom industry to flourish and thus enhance exports. Like providing inputs in PLI Scheme, Prebudget Proposal, FTP

- Issues Recommendation letters to Consulates, Embassies for business visa purpose to members only.

- Issues RCMC (A Registration Cum Membership Certificate). RCMC is required when an exporter is seeking authorization to export (or import) any restricted item, planning to claim various benefits under the Foreign Trade Policy, looking for benefits offered by the Customs and Central excise authorities.

- Dissemination of government notification, orders, information on trade and other relevant information to members.

- Sharing trade queries as received by importers/buyers through the channel of embassy.

Opportunities in India

•Propelled by the emerging 5G technology, market is gearing up to provide numerous opportunities for equipment manufacturers to grow into a potent telecom player. It becomes necessary for a country to have an agile manufacturing setup for NATE so that value addition to the economy can be maximized.

•Networking and telecom equipment manufacturing (NATEM) provides opportunities in forward and backward integrations for all the TSP as well as equipment manufacturers. It can also be expanded in developing non-telecom electronic components as well. PLI provides opportunity to develop the technical know-how and skills of people in the country, lower the import requirement for telecom end products, and enable the sector to align with Government of India's vision of an Atmanirbhar-Bharat.

Government Policies

•The government is encouraging global telecom network manufacturers such as Er- icsson, Nokia, Samsung, to manufacture all their equipment in India with 100% local products.

•Similarly, other global vendors like Cisco, Ciena, Jabil, Foxconn, Sanmina, and Flex have shown interest to set up manufacturing in India for telecom and networking products under the newly announced PLI scheme.

•In March 2021, TEPC (Telecom Equipment Export Promotion Council) organised India Telecom 2021—a platform for convergence of technologies and business exchange.

Consultation Pa per on Promoting Networking and Telecom Equipment Manufacturing in India

•In July 2021, Bharat Broadband Network Limited (BBNL), on behalf of the Department of Telecommunication, invited global tender for the development of BharatNet through the Public-private Partnership model in 9 separate packages across 16 states for a concession period of 30 years. The government will provide a grant of up to INR 19,041 crore (US$ 2.56 billion) as viability gap funding under this project.

•In August 2021, the Department of Telecommunications (DoT) officials stated that it is working on a package, which includes reducing the revenue share licence fee to 6% of adjusted gross revenue (AGR) of the operators from the current 8%. This would be done by reducing the 5% universal service obligation levy by two percentage points and providing relief of about INR 3,000 crore (US$ 403.63 million) annually to the operators.

•In October 2021, Telecom Secretary Mr. K. Rajaraman inaugurated the Quantum Communication Lab at the Centre for Development of Telematics (C-DOT), Delhi, and unveiled the indigenously developed Quantum Key Distribution (QKD) solution by C-DOT. QKD can support a distance of >100 kms on standard optical fibre.

•INR 12,195 crore (US$ 1.65 billion) production-linked incentive (PLI) scheme has al- ready triggered entry of several global players to design and manufacture NATE in India. European telecom gear vendors like Ericsson and Nokia are eager to expand their existing operation in India for global supply chain under the PLI scheme.

Export and Import Overview of India

The manufacturing scenario of NATE in the country is not able to fully exploit the upsurge in telecom sector. The sector is able to bring foreign exchange to economy in form of foreign direct investment (FDI), but on other hand, huge amount of foreign exchange is flowing out on account of pay-outs for the imported equipment, inputs, Intellectual Property Rights (IPRs) and so on.

•In India, the local manufacturers face various problems related to poor infrastructure, high cost of testing and certification, restricted market access, and reluctance of pri- vate players who prefer cheaper imports. Also, domestic industry lacks the ability to continually invest in R&D.

•The country is import dependent as equipment manufactured by MNCs are support- ed by credit finance agencies, economies of scale and higher revenues due to larger volumes.

•The below chart illustrates the dependency on imports. There is an urgent need to establish the self-balancing mechanism by reducing imports and promoting exports to reduce the fiscal deficit arising from the sector.

India Spain Relation

Spain is India's 6th largest trade partner in the European Union. Bilateral trade in goods in 2021 stood at 6.73 US$ billion, growing by 33% over a similar period a year ago. India's exports grew by 31% and stood at US$ 4.96 billion and while imports grew by 41% and stood at US$1.77 billion. India's top exports to Spain are chemical products, iron and steel, textiles and garments (non knitted),machine and mechanical appliances, garments (knitted), electrical machinery and equipment and parts thereof, mineral fuels, mineral oils and products of their distillation, marine products, home textiles and articles of leather.

Spain is the 15th largest investor in India with cumulative FDI stock of US$ 3.43 billion (April 2000 - March 2021). There are more than 280 Spanish companies in India mainly in the sectors of metallurgical industries, renewable energy, automotive, ceramics and infrastructure(highways, transmission lines, tunnels and metro stations) .Maharashtra, Tamil Nadu, Gujarat, Andhra Pradesh and Karnataka are the major destinations for Spanish investments in India.

There are about 70 Indian companies in Spain mainly in software & IT services, pharmaceuticals, chemicals and logistics. India is among the top 30 investors in Spain globally and among the top 5 from Asia.

In order to give an impetus to trade and investment relations, India-Spain Joint Commission on Economic Cooperation (JCEC) was set up under the 1972 Trade and Economic Cooperation Agreement and has since met ten times. The 11th round of the JCEC meeting was held in Madrid in January 2018. The 12th is scheduled to be held this year 2022.

Export to Spain from India in USD

DESCRIPTION	2018-19 Value($)	2019-20 Value($)	2020-21 Value($)	2021-22 Value($)
Mobile	582293	15889593	129054680	76641864
Telegraphic Apparatus	966061	905543	1035553	25803417
Telecom Cables	2998860	4089682	4361156	10007632
Total	4547214	20884818	134451389	112452913

Indian Telecom Sector at a glance:

India is the world's second-largest telecommunications market. The total subscriber base, wireless subscriptions as well as wired broadband subscriptions have grown consistently. Tele-density stood at 84.88%, as of April 2022, total broadband subscriptions grew to 788.77 million until April 2022 and total subscriber base stood at 1.16 billion in April 2022.

- Gross revenue of the telecom sector stood at Rs. 64,801 crore (US$ 8.74 billion) in the first quarter of FY22.

- The total wireless data usage in India grew 16.54% quarterly to reach 32,397 PB in the first quarter of FY22. The contribution of 3G and 4G data usage to the total volume of wireless data usage was 1.78% and 97.74%, respectively, in the third quarter of FY21. Share of 2G data usage stood at 0.48% in the same quarter.

- The total number of internet subscribers reached 836.86 million in April-June 2022. The wireless segment accounted for 95.4% of the total telephone subscriptions In June 2022.

- Over the next five years, rise in mobile-phone penetration and decline in data costs will add 500 million new internet users in India, creating opportunities for new businesses.

- By 2025, India will need ~22 million skilled workers in 5G-centric technologies such as Internet of Things (IoT), Artificial Intelligence (AI), robotics and cloud computing.

- India is the world's second largest telecommunications market. Tele-density stood at 85.11%, as of July 2022, total broadband subscriptions grew to 807.42 million until July 2022 and total subscriber base stood at 1.17 billion in July 2022.

- According to TRAI, the wireless subscriptions stood at 1,148.03 million, and wireless tele-density reached 83.25% as of July 2022. The wireless subscriber market share of Jio stood at 36.33%, followed by Bharti Airtel 31.06% and Vodafone Idea 22.22% during the same period. The Average Revenue Per User (ARPU) for wireless service is INR 176 for Jio, INR 183 for Bharti Airtel and INR 128 for Vodafone Idea for the quarter ended June 2022.

- India is also the second-largest country in terms of internet subscribers. India is one of the biggest consumers of data worldwide. As per TRAI, average wireless data us- age per wireless data subscriber was 15.80 GB per month in FY22. The volume of total wireless data usage increased from 34,608 PB as on Dec'21 to 35,885 PB during March'22, with quarterly growth of 3.69%.

- Total broadband subscriptions in the country grew from 149.75 million in FY16 to 788.30 million in FY22. The number of wired broadband subscriptions stood at 27.25 million in FY22.

- The contribution of 3G and 4G data usage to the total volume of wireless data usage was 1.31% and 98.45%, respectively, as on FY22. Share of 2G data usage stood at 0.24% as on FY22.

- The Indian mobile economy is growing rapidly and will contribute substantially to India's Gross Domestic Product (GDP) according to a report prepared by GSM Association (GSMA) in collaboration with Boston Consulting Group (BCG). In 2019, India surpassed the US to become the second largest market in terms of number of app downloads.

- The rapidly growing number of mobile phone users and the impending technological shift towards 5G is likely to be key catalysts and will fuel the market growth. Advancements in wireless communication infrastructure have already uplifted the demand for advanced Networking and Telcom equipment's (NATE) such as mobile radio ac- cess network, microwave transmission, IP telephony, optical transport, mobile back- haul, carrier ethernet switches, routers, wireless packet core etc.

- 5G network deployments mandate high speed all-pervasive broadband, Inter- net-of-Things (IOT), Machine-to-Machine (M2M) communication and Digitalization of societies. It is therefore likely to give rise to opportunities because of introduction of new services and products, new intermediaries in the value chain, and greater efficiencies in productivity across industry verticals.

- Gross revenue of the telecom sector stood at INR 76,387 crores for the last quarter of FY22. Strong policy support from the Government has been crucial to the sector's development. Foreign Direct Investment (FDI) cap in the telecom sector has been increased. In October 2021, the government notified 100% foreign direct investment (FDI) via the automatic route from previous 49% in the telecommunications sector. FDI inflow in the telecom sector stood at US$ 38.33 billion between April 2000-March 2022.

TEPC
Driving Telecom Export

GSMA MWC™
Barcelona

Department of Telecommunications
Ministry of Communications
Government of India

- The deregulation of Foreign Direct Investment (FDI) norms has made the sector one of the fastest growing and the top five employment opportunity generator in the coun- try. In 2020, Jio Platforms raised around 1.1 lakh crore (US$ 14.46 billion) by 11 foreign investors. In January 2022, Google made a US$ 1 billion investment in Airtel through the India Digitization Fund.

- According to a Zenith Media survey, India is expected to become the fastest-growing telecom advertisement market, with an annual growth rate of 11% between 2020 and 2023.

Production Linked Incentive Scheme (PLI)

Telecom sector plays a critical role in facilitating the growth of economy. It is vital to at- tain the digital connectivity and Digital India vision of GoI. PLI Scheme was launched by Department of Telecommunications (DoT) for Promoting Telecom & Networking Prod- ucts Manufacturing in India vide letter dated 24.02.2021.

Under the scheme, financial incentive, to boost the domestic manufacturing and at- tract investments, is proposed focusing on telecom and networking products, thereby encouraging "Make in India". The Scheme is expected to boost manufacturing & con- sumption of domestically produced equipment and boost the export of telecom and networking products under 'Made in India' brand as well.

Objective

Objective of the scheme is to create global champions from India who have potential to grow using cutting edge technology and thereby penetrate the global value chains in telecom products and play an important role in the larger vision of "Digital India".

Target Segments – Telecom and Equipment Products

Support under the Scheme will be provided to companies/entities engaged in manufacturing of specified telecom and networking products in India as follows:

GOVERNMENT INITIATIVES

The Government has fast-tracked reforms in the telecom sector and continues to be proactive in providing room for growth for telecom companies. Some of the key initiatives taken by the Government are as follows:

- In Union Budget 2022-23 the Department of Telecommunications was allocated Rs. 84,587 crore (US$ 11.11 billion) out of which Rs. 30,436 crore (US$ 3.99 billion) was revenue expenditure which was 36% of the total expenditure and Rs. 54,150 crore (US$ 7.11 billion) was capital expenditure which is 64.01% of total expenditure.

- To drive the development of 6G technology, the Department of Telecommunications (DoT) has developed a sixth generation (6G) innovation group.

- In October 2021, Telecom Secretary Mr. K. Rajaraman inaugurated the Quantum Communication Lab at the Centre for Development of Telematics (C-DOT), Delhi, and unveiled the indigenously developed Quantum Key Distribution (QKD) solution by C-DOT. QKD can support a distance of >100 kms on standard optical fibre.

- In August 2021, the Department of Telecommunications (DoT) initiated discussions with banks to address financial stress in the telecom sector, particularly Vodafone Idea Ltd. (VIL) that urgently requires fund infusion to stay afloat.

- FDI cap in the telecom sector has been increased to 100% from 74%; out of 100%. In October 2021, the government notified 100% foreign direct investment (FDI) via the automatic route from previous 49% in the telecommunications sector. FDI of up to 100% is permitted for infrastructure providers offering dark fibre, electronic mail and voice mail.

- Following are the achievements of the Government in the past four years:

  o Department of Telecommunication launched 'Tarang Sanchar' - a web portal sharing information on mobile towers and EMF Emission Compliances.

  o Payments on unified payments interface (UPI) hit an all-time high of 3.65 billion (by volume), with transactions worth ~Rs. 6.54 trillion (US$ 87.11 billion) in September 2021.

  o Over 75% increase in internet coverage—from 251 million users to 446 million.

Name of the Company	ADOPT NETTECH PRIVATE LIMITED
Company Profile	Rich experience in security solutions, product engineering, manufacturing electronic solutions along with our strong DNA in AI, wired & wireless networks, connected devices, cloud & data analytics allows us to create solutions that go beyond hardware and software.
Product Profile	Software & Hardware
Contact Details	a. Name: Ravi Jain
	b.Designation: Co-Founder
	c.Mobile No.: 9167222521
	d.Email: ravi@adoptnet.tech
	e. Website: https://adoptnettech.com

TEPC
Driving Telecom Export

GSMA MWC™
Barcelona

Department of Telecommunications
Ministry of Communications
Government of India

Name of the Company	Amantya Technologies Private Limited
Company Profile	Amantya Technologies is a leading product engineering and system integration company with operations in the USA and India (Gurugram, Bangalore & Nagpur). A global organization with proven expertise in next-generation technologies like 5G, IoT, AI ML, edge, and cloud services, Amantya works with some of the world's best brands, including Fortune 500 companies. The company specializes in building 5G-based solutions including 5G Lab and Private 5G Network. It creates business outcomes and helps its clientele stay competitive by leveraging solution accelerators, partner solutions, and deep domain expertise in wireless protocols, integration, testing, and hardware design and development. The company's services portfolio ranges across education, agriculture, telecom, automobile, retail, healthcare verticals, and multiplying.
Product Profile	**5G SA Core:** Amantya's Standalone (SA) 5G Core is the pulse of the 5G network and acts as an enabler for next-gen 5G applications and services. It is developed from the ground up using Service-Based Architecture. It helps create highly scalable networks that can run on-premise or on any cloud environment – public, private, or hybrid. Compliant to 3GPP standards, it is built using microservices methodologies and has a high-performance User Plane Function. Fully virtualized, containerized, and optimized, our 5G SA core network is ideal for public deployments and building innovative and scalable Private 5G networks.**5G Network-in-a-box:** Amantya's 5G Network-in-a-Box (NIAB) is a revolutionary all-in-one solution dedicated to testing, experimentation, and discovery around 5G. An end-to-end homegrown solution, it combines the key technologies, 5G SA Core and Radio Access Network (RAN), required to test and validate 5G solutions for market readiness in a compact, ready-to-use box.**Astra5G (Private 5G Network):** Amantya's Astra5G is a 3GPP standards-based high-performance, end-to-end private wireless solution designed to meet the emerging needs of enterprises exploring new-age 5G use cases. It comprises of 5G SA Core, 5G UPF, and RAN solution.
Contact Details	a. Name: Akash Goyal
	b.Designation: Manager - Marketing
	c.Mobile No.: 8250296037
	d.Email: akash.g@amantyatech.com
	e. Website: www.amantyatech.com

Name of the Company	Astrome Technologies Private Limited
Company Profile	Astrome was founded in Bangalore India, during 2015, and is incubated by the Indian Institute of Science, Bangalore. The company is focused on delivering GigaMesh, a multi-gigabit wireless backhaul radio for 4G/5G telecom market, and GigaSat, an innovative Ku/Ka-band electronically steerable antenna for satcom market. GigaMesh works in E-band (71-76GHz, 81-86GHz) and has a unique feature of creating multiple-P2P links from one device where each link is electronically steerable. GigaMesh pilots are being conducted with partners and customers which includes Indian Defence. Astrome will be launching GigaSat, an electronically steerable satcom terminal suitable for communicating with multiple GEO and LEO satellites by Q1 2023. Astrome has received a \$4.7 Million Bridge-to-Series A round funding led by IAN Fund, Urania Ventures (Germany), and Mr Lakshmi Narayanan, founder, Cognizant. Other investors who joined this round include Impact Collective (South Korea), ArtPark (India), and a consortium of US-based angel investors.
Product Profile	Astrome is product company with three distinct space product lines which are described below: 1. **GigaMesh:** GigaMesh is World's first Multi-beam E-band Radio that is able to communicate from one tower to multiple towers simultaneously while delivering multi- gbps throughput to each of these towers. It is a one box compact solution with integrated antenna. It uses advanced digital beamforming technology to form multiple links with one radio 2. **GigaSat:** GigaSat is a flat panel satellite terminal which supports communication in multiple frequencies and can form multiple simultaneous spot beams. GigaSat can support Ku, C, Ka and W-band frequencies. It will serve the need for low-cost user terminals(LCUT) for LEO and MEO constellations and for mobility terminals for GEO satellites. 3. **SpaceNet:** Astrome is developing a fully software-defined payload technology in V/W-band for Low-Earth-Orbit (LEO) satellite constellations. We offer this innovative payload technology to satellite operators who want to deploy the next generation of satellite networks
Contact Details	a. Name: Neha Satak
	b.Designation: CEO and Co-Founder
	c.Mobile No.: 9830370684
	d.Email: **visible@astrome.co**
	e. Website: www.astrome.co

MWC™ Barcelona

GSMA™

TEPC
Driving Telecom Export

Department of Telecommunications
Ministry of Communications
Government of India

Name of the Company	APRECOMM PRIVATE LIMITED
Company Profile	Aprecomm is a pioneer in AI-enabled network intelligence solutions for wired and Wi-Fi networks. We enable Service Providers to deliver Unparalleled Subscribe Experience by inducing the Intelligence into existing Network elements Our software solutions help accurately measure subscriber quality of experience, make it easier to resolve network issues, and makes networks more reliable. The edge- intelligence based self-healing and self-organizing algorithms drive networks to become autonomous with minimal need for manual intervention and management. ●
Product Profile	Our suite of products makes networks reliable. Our AI- enabled solutions make network devices self-healing and self- organizing. **Virtual Wireless Expert** This edge-AI based solution is a powerful tool to measure subscriber quality of experience for home Wi-Fi networks. With VWE, bring down your OpEx costs by up to 70% by swiftly identifying and resolving network issues. **Vyom Configuration Server** Aprecomm's TR069 protocol- based ACS server for provisioning and device management comes with Zero-Touch Provisioning capabilities to accelerates installation process and drastically improves turnaround time. **Virtual Network Expert** VNE is a complete end-to-end network intelligence solution for FTTH networks. VNE brings actionable insights, proactive diagnostics and macro-to-micro interface that transforms network intelligence and visibility. **Snap** A self-help mobile application for consumers to manage the health of their home WiFi network. Comes with AI- enabled chatbot to completely replace L1 service effort. Snap's Automatic troubleshooting and self-help capability can replace first-level support infrastructure.
Contact Details	a. Name: Devika S
	b. Designation: People Operations Leader
	c. Mobile No.: +91 8904179717
	d. Email: devika@aprecomm.ai
	e. Website: www.aprecomm.ai

TEPC
Driving Telecom Export

GSMA MWC™
Barcelona

Department of Telecommunications
Ministry of Communications
Government of India

Name of the Company	BIRLA CABLE LIMITED
Company Profile	Birla Cable Limited (Formerly Birla Ericsson Optical Limited) is a premier company in the field of Telecommunication Cables, which offers one of widest portfolio of Copper and Fibre Optic cables under its umbrella. A division under India's one of the most trusted M. P. Birla Group, Birla Cable Limited has come a long way to establish itself as one of the most admirable player in Global arena among users of Telecom cables due to its superior product quality, stringent quality control systems and flawless performance across all the segments of Telecom users. By way of acquiring the shares of Ericsson recently, Birla Cable Limited has become a truly global Indian Company which has a reach of more than 75 countries, fully capable to cater to all the needs of communication cables across the segments. A competent team in all functional areas backed up by strong and experienced management, sound financial and technical strength makes Birla Cable Limited, a trusted name among the users of Telecom Cables.
Product Profile	Fibre Optic Cable / LAN Cables
Contact Details	a. Name: Vineet Shrivastava
	b.Designation: Vice President (Business Development)
	c.Mobile No.: +91 99200 43515
	d.Email: vineet@birlacable.com
	e. Website: www.birlacable.com

MWC™ Barcelona

GSMA

TEPC
Driving Telecom Export

Department of Telecommunications
Ministry of Communications
Government of India

Name of the Company	Blue Arcus Technologies
Company Profile	Blue Arcus Technologies is a telecom core software provider and delivers telecom solutions targeting Urban, Rural and Remote communities with 3GPP-compliant interface capabilities. We offer All G (2G-5G) solutions with high-speed connectivity, superior coverage, enhanced trusted security, performance, smooth integration, and cost-effective network services. We use practical and application-based on-field expertise to create successful project scheduling in implementation and management. Our future-proof telecommunication network software services enable people to be connected anytime & anywhere. Our Vision is to build a SMART, reliable & efficient connectivity between humans & devices.
Product Profile	Arcus 5G, 4G, 3G, and 2G Converged core is a unified multi-technology, carrier grade and 3GPP compliant standard solution. Built on an open Architecture the Arcus core enables seamless integration to external elements. Modular support that offers vendors flexibility in building their network and element requirements thereby avoiding vendor lock-in.
Contact Details	a. Name: Harshita Naidu
	b.Designation: Event Marketing Manager
	c.Mobile No.: +91 8959177789
	d.Email: harshita@bluearcus.com
	e. Website: https://www.bluearcus.com/

TEPC
Driving Telecom Export

GSMA MWC™
Barcelona

Department of Telecommunications
Ministry of Communications
Government of India

Name of the Company	Centre For Development of Telematics (C-DOT)
Company Profile	Centre for Development of Telematics (C-DOT) was established in August 1984 as an autonomous Telecom R&D centre of Department of Telecommunications, Govt. of India. Hailed as the progenitorof the Indigenous Telecom Revolution in the nation, C-DOT, with more than 3 decades of its relentless R&D efforts in the indigenous design, development and production of telecom technologies, have been in the technology forefront and has significantly contributed to the Indian Telecom Network's Digitization. In the initial years, C-DOT triggered a telecom revolution in the rural India that was responsible for all-round socio-economic development. C-DOT, over the years, has evolved into a full-fledged telecom R&D institution that complies with level-5 maturity on CMMI Model, and has capabilities to undertake large-scale state-of-the-art telecom technologies development programs. C-DOT's commitment to the cause of nation building continues with development of products of national and strategic importance. C-DOT as a torch bearer of indigenous telecom R&D continues to develop latest technology products in areas like Optical, Switching, Wireless, Security and Network Management while also working on futuristic technologies like M2M/IOT, 5G, AI, disaster management etc
Product Profile	1. Optical technologies 2. Switching technologies 3. Wireless technologies 4. Security solutions 5. Disaster Management solutions 6. IoT/M2M 7. Artificial intelligence 8. Network management systems 9. Broadcasting solution 10. Telecom applications
Contact Details	a. Name: Ravinder Ambardar
	b.Designation: Head (Marketing & Corporate Communications)
	c.Mobile No.: 9810974556
	d.Email: aravi@cdot.in
	e. Website: www.cdot.in

Name of the Company	COSGrid Networks
Company Profile	COSGrid Networks is a provider of enterprise-level network security and connectivity solutions. COSGrid Networks roots back to 2016, as a B2B start-up which delivers superior WAN connectivity to Enterprise branch offices, remote working employees, IoT and cloud. COSGrid combines in-depth research and deep domain expertise in Networking & Cyber security to develop products and solutions that change, how businesses around the world securely connect and operate over their digital backbone. We offers product in the areas of SD-WAN, Network detection Response (NDR), Zero Trust Network Access (ZTNA). We have been granted an Indian patent in SD-WAN. COSGrid has a successful track record in delivering SD-WAN solutions across various verticals including Financial Services, Manufacturing, Telecom, Healthcare, Retail, IT, and Media. COSGrid Networks is headquartered in Chennai and incorporated in United states recently and has a business presence in all over India and expanding its presence to the global markets. **Address** : India : 24-1 , Shanthi Street, Dr. Seethapathy Nagar, Chennai -600042 Development Center : 63-A Janakpuri 1st street, Velacherry, Chennai -600042 United States : COSGrid Networks Inc, 2055 Limestone Rd, Wilmington, DE 19808 **Industry** : Network security & Telecommunications
Product Profile	**RefleX-WAN :** Cloud Managed and Software Defined platform built to deliver the simplicity, flexibility and cost-effective WANs for any branch office locations & scale also seamlessly run and integrate with DC locations & Clouds deployed. **RefleX RPN/MicroZAccess** : Smart VPN /Zero Trust Network Access client in Desktop which securely authenticates the user and seamlessly connects the device to the Cloud through reliable, high performance and encrypted tunnels.

Contact Details	a. Name: Murugavel Muthu	Palani Murugan R
	b.Designation: Founder & CEO	Program Manager
	c.Mobile No.: +91 9022764534	+91 9176553170
	d.Email: murugavel@cosgrid.com	rpm@cosgrid.com
	e. Website: www.cosgrid.com	

Name of the Company	dezynForge
Company Profile	Versatile startup having expertise in Communications (Radio + Satellite) as well Power Electronics / Green energy.
Product Profile	5Gi Radio network (independent) for Rural / Multi-terrain deployment Bottom-size Wireless Antenna for Smart Buildings / City / Home Tactical Radio Communication Network
Contact Details	a. Name: Mr Subhendu / Mr Vardhan
	b.Designation: Co-Founder
	c.Mobile No.: +91 98183 08962
	d.Email: connect@dezynforge.com
	e. Website: www.dezynforge.com

Name of the Company	Echelon Edge Pvt. Ltd.
Company Profile	At Echelon Edge, we bring Made in India solutions to serve the global telecom & transportation industry. Our primary aim is to offer products that fit best the modern 5G-native customer experience. Our team has the vision to build Future Ready Solutions that enables our customers to realize their full potential. We are working towards a mission to be the most customer centric, data driven and successful solutions provider in the telecom, infrastructure and transport domain by innovating and adapting state of the art technologies thereby ensuring customer delight.
Product Profile	• **Network Insights (Network Management Solution):** Percipient NMS - Designed to offer in-depth visibility, control and automation of complete network, cloud and telecom infrastructure on a real-time basis. • **Telecom BSS**: An agile, configurable, and scalable BSS that can swiftly respond to market changes and new opportunities • **Private LTE**: A managed service that makes it easier to deploy, operate, and scale your own private mobile network with all required hardware and software. • **Big Data Analytics**: Data Quipo is a robust Datawarehouse, BI & Analytics solution that provides quicker insights, analytics and reporting for decision-making by processing Different types of data from multiple sources.
Contact Details	a. Name: Anubhav Goel
	b.Designation: GM Marketing
	c.Mobile No.: 8826647907
	d.Email: anubhav@echelonedge.com
	e. Website: www.echelonedge.com

Name of the Company	EraNext Auto Private Limited
Company Profile	The Connected Tech (C-V2X): We develop technologies on IoT Platform for Connected Vehicles and AIM to develop an INFRASTRUCTURE for reliable, efficient and safe driving/riding experience.
Product Profile	1. AN IOT DEVICE WITH INDEPENDENT NETWORK WITH ACCIDENT DETECTION. 2. DISPLAY PANEL THAT SHOWS MULTIPLE NECESSARY DATA POINTS FOR DRIVERS. 3. TECHNOLOGY FOR SENDING ACCURATE LOCATION INFORMATION TO EMERGENCY RESPONSE SERVICES & EMERGENCY CONTACTS. 4. NETWORK CONTROLLED TRAFFIC SYSTEMS
Contact Details	a. Name: Rachit Bhoirkar
	b. Designation: Chief Executive Officer
	c. Mobile No.: 8668232445
	d. Email: rachit@eranext.in
	e. Website: www.eranext.in

Name of the Company	Frog Cellsat Limited
Company Profile	Frog Cellsat Ltd is one of the leading manufacturers of RF Equipments and is headquartered in India with two manufacturing plants. People at Frog Cellsat Ltd are passionate about developing and delivering coverage as well as capacity enhancement solutions and services for next-generation wireless and mobile broadband networks. Frog Cellsat Ltd also offers In-Building Coverage Planning and Design services along with Radio Access Network (RAN) and Backhaul Network installation services.
Product Profile	• Network Accessories-Includes RF Jumpers, CPRI, RET Cable, Multiplexers, Filters, SFP, Feeder Cable • Digital Repeaters • Optical DAS • Antennas • IBS Accessories
Contact Details	a. Name: Mr. Rajnish Sharma
	b.Designation: Sales Head
	c.Mobile No.: +91-9650158880
	d.Email: rajnishsharma@frogcellsat.com
	e. Website: www.frogcellsat.com

Name of the Company	Galore Networks Private Limited
Company Profile	Founded in 2013, Galore Networks with its market focus in India, Australia and Middle East, provides highly reliable industry standard 4G LTE and 5G NR Radio Access Network Soutions, along with 5G network for Enterprise deployment. Galore R&D acts as a catalyst in its quest to launch 6G products within the next 3-5 years
Product Profile	Galore product offering includes 1. 5G gNodeB 2. 5G Enterprise Core 3. 5G Smallcell (Q2 CY2023) 4. 4G Core 5. 4G eNodeB 6. NBIoT Smart metering
Contact Details	a. Name: M. Raju
	b.Designation: Co-Founder & Director
	c.Mobile No.: 9176628090
	d.Email: raju@ga-lore.com
	e. Website: www.ga-lore.com

Name of the Company	IACUITY TELCO SOLUTIONS PVT LTD
Company Profile	We are a leading global provider of end-to-end Proactive Network Intelligence, Analytics and Revenue Assurance solutions that empower Communication Service providers to comply to regulatory security requirements, provide secured connectivity and maximize revenue.
Product Profile	**Products:** **1.** iLIS - 5G ready Fully Convergent Lawful Interception System for CSPs and Enterprise Networks **2.** iIPLogger - Collects, stores & analyzes IP traffic data from ISP/CSP a. Monitor and profile internet activities of suspects **3.** iSDConnect – Highly secured carrier grade and ZTNA ready SD **4.** iPCAPTrace - Signal Trace Solution for 2G/3G/4G network troubleshooting **5.** iPROBE - SS7/SIGTRAN Probes to generate real-time CDRs from Signal Traces **6.** iFraudPrevent - Convergent Fraud Management Solution a. SIGTRAN/SS7 Signaling Probe based solution for real time reconciliation **7.** iRoam Assure - Roaming Fraud and Revenue Assurance Solution a. Protects high value roaming revenue for the CSP b. Customized SLA based reporting & alerting assurance of roaming revenue **8.** iRevAssure - Domain agnostic and database independent platform ensuring complete revenue realization **Services:** • Managed Services • Professional Services
Contact Details	a. Name: PRASHANT NADGOUDA
	b.Designation: BUSINESS DEVELOPMENT MANAGER
	c.Mobile No.: +(91) 97690 56473
	d.Email: Prashant.nadgouda@iacuitytelco.com
	e. Website: www.iacuitytelco.com

TEPC
Driving Telecom Export

GSMA™ MWC™
Barcelona

Department of Telecommunications
Ministry of Communications
Government of India

Name of the Company	Indio Networks Pvt. Ltd.
Company Profile	Indio Networks delivers next-generation networking solutions that help its customers unlock the power of Wireless, IoT and Cloud technologies for their business. Indio Networks has been serving customers across the globe since 2005, with a unique blend of products and solutions which deliver the right value at the right price, simplifying connectivity for everyone. Indio sells wide range of WiFi access points, routers, controllers, switches and cloud software to managed service providers worldwide. It has extensive experience of deploying and managing both enterprise WiFi and public WiFi hotspots. Indio's products are deployed in over 45 countries and serve tens of millions of users each month. It has debut its TIP OpenWiFi System - a commercial wireless networking solution built using OpenWiFi. Lately Indio is offering a replacement platform for Facebook's ExpressWiFi for building community WiFi networks.
Product Profile	Indio supplies wide range of indoor and outdoor WiFi access points based on OpenWiFi technology. It also offers feature rich cloud or on-premise controllers for central management of remote WiFi devices. Indio is also leading supplier of WiFi Service Management Platform and AAA solutions for enterprise and community WiFi networks. Indio also supplies cloud 4G and 5G CPE devices, L2+ access switches, industrial switches and WiFi routers for SMB and enterprise networks.
Contact Details	a. Name: Rishikesh Ghare
	b.Designation: Founder & CEO
	c.Mobile No.: +91-9890995297
	d.Email: rishi@indionetworks.com
	e. Website: www.indionetworks.com

Name of the Company	ILOGITRON TECHNOLOGIES PRIVATE LIMITED
Company Profile	iLogitron Technologies was registered under the Ministry Of Corporate Affairs, GoI, on 21st June 2018 as a Private Limited company. It has been recognized by DIPP, Govt. of India, and MSME and supported by StartUpIndia. It has been selected under the Directorate of Information Technology, Govt of Tripura, as the first eligible startup to avail of the StartUp Tripura scheme. iLogitron is housed at Software Technology Parks of India (STPI) Agartala and virtually incubated at NASSCOM 10000 startup. iSync is a highly scalable IoT Platform developed by iLogitron, which integrates various IoT devices.
Product Profile	We bring to you a range of Smart IoT Devices that makes your life simpler. Smart Home turns your existing electrical appliances Smart & Smart Agri makes gardening a hassle-free process for every home gardener! With Smart Agri you can water your plants through your mobile App, anytime, from anywhere!
Contact Details	a. Name: Abhishek Dhar
	b.Designation: Director & Founder
	c.Mobile No.: 8131994181
	d.Email: dhar.abhishek@iLogitron.com
	e. Website: www.iLogitron.com

TEPC
Driving Telecom Export

GSMA MWC™
Barcelona

Department of Telecommunications
Ministry of Communications
Government of India

Name of the Company	INVENDIS TECHNOLOGIES INDIA PVT LTD.
Company Profile	Invendis Technologies is a global leader in IIoT hardware and software solutions in the Telecom Infrastructure space for the past 15 years. It delivers solutions across the world to customers, facilitating effective and efficient remote asset management, while optimizing energy consumption. Invendis has distinct offerings in Remote Monitoring Solutions, Energy Meters and Industrial Communication and Edge Computing solutions. With the launch of new "Silbo" product line, Invendis is gearing up to upgrade and enhance its Business & Industrial communication solutions viz. 4G/LTE, 5G routers with multi-WAN, VPN, SD WAN, NMS etc., gateways with different processing capabilities and connectivity options, Android kiosk controllers for multi-dimensional screens. for seamless high-speed connectivity with made-in-India products. "Stay Connected"
Product Profile	• Industrial communication and edge computing devices like routers, gateways, dongles, protocol converters etc. • Energy Meters with Energy Management and Billing Software. • IT and IoT based end-to end solutions (both hardware and software) for Telecom Infrastructure Management
Contact Details	a. Name: DHRUV DEVGUN
	b.Designation: INTERNATIONAL BUSINESS DEVELOPMENT
	c.Mobile No.: 9899006909
	d.Email: dhruv.devgun@invendis.com
	e. Website: www.invendis.com

Name of the Company	LivNSense Technologies Private Limited
Company Profile	**LivNSense™** is a pioneering Climate Tech Platform venture that helps industries reduce their GHG carbon reductions and meet UNSDG goals.
Product Profile	LivNSense has launched **GreenOps™** to address Greenhouse Gas Emissions with its unique CO_2 Benchmarking & Optimization technology (patent filed) by harnessing the power of Artificial Intelligence (AI) and Digital Twins technologies. The product is low costs and easy to scale that can help tackle carbon emissions in the short to medium term. **ROI:** The product is already deployed in North America and India markets across 10+ Fortune 500 customers, delivering up to 15-20% of GHG Intensity reductions and RoI of 20-25% in Year1.
Contact Details	a. Name: Avnish Kumar
	b.Designation: Co-Founder and CEO
	c.Mobile No.: +91 9845161339
	d.Email: kumar@livnsense.com
	e. Website: www.LivNSense.com

Name of the Company	Lekha Wireless Solutions Pvt Ltd
Company Profile	**Lekha Wireless Solutions**, Bengaluru (https://www.lekhawireless.com/), is a deep-tech company in the areas of wireless telecom and defence communications. Started in 2010, Lekha has a staff of 200+ engineers, with a leadership team consisting of telecom experts with over two decades of experience in end-to-end product development and deployment. Lekha designs and develops mobile RAN infrastructure and software-defined radio (SDR) products, and licenses 4G & 5G protocol software stacks. Lekha has filed/received multiple patents in 4G, 5G and Industrial communication technologies. Lekha's R&D team, and software and hardware engineering expertise enables delivery of complete systems. We work with system integrators and operators to deploy private and public telecom networks.
Product Profile	**5G Products** Lekha is among the leading 5G technology players in the country. We offer O-RAN based 5G RAN equipment, including RU, CU and DU. The radio solution includes macro, micro and indoor RUs in most of the popular 5G bands, powered by an indigenously developed software stack. We also offer an aggregated 5GNR-compliant gNodeB small cell, and a Network-in-a-Box solution. **4G Products** Lekha brings a unique proposition of complete indigenous 4G technology, built from ground up. Lekha's LTE product, "Vyapi eNodeB" employs fully indigenously developed software stacks and hardware design. It supports both TDD and FDD bands with RF power up to 40W, covering small-cell and macro-cell requirements. The Vyapi eNodeB is managed by the Lekha EMS, which provides FCAPS support, and interworks with SON and other network elements using REST APIs. The Vyapi eNodeB is integrated and tested with multiple EPC vendors. **Defence Communication Products** Lekha provides data link solutions on SDR-based hardware platforms ruggedized to meet requirements of industrial network, defence systems and airborne applications. We work closely with customers to integrate wireless data links to varieties of applications.
Contact Details	a. Name: Sandesh Ratnakar
	b.Designation: Lead Marketing
	c.Mobile No.: 9743695324
	d.Email: sandeh.ratnakar@lekhawireless.com
	e. Website: www.lekhawireless.com

Name of the Company	**Matrix-Shell Technologies Pvt Ltd**
Company Profile	Provides Telecom Network Security Testing Service's.
Product Profile	Matrix-Shell Technologies Provides Telecom Security Services and Products covering Telecom Network Signalling such as SS7, Diameter GTP , and Radio Access Network Security Covering 2G,3G,4G,5G. All the tools used by us are in-house developed and used for penetration testing of telecom network.
Contact Details	a. Name: Mr. Akib Sayyed
	b.Designation: Director
	c.Mobile No.: 9665142243
	d.Email: Akibsayyed@matrixshell.com
	e. Website: https://matrixshell.com

TEPC
Driving Telecom Export

GSMA MWC™
Barcelona

Department of Telecommunications
Ministry of Communications
Government of India

Name of the Company	Mashmari Consultants Private Limited, New Delhi (India)
Company Profile	Mashmari is an Indian start-up with a mission to leapfrog learning opportunities for remote & rural under-served people by leveraging digital content, technologies (5G, Edge, AR/ VR, Video Collaboration, Remote Management, Cyber Security, etc) and new business models. Its slogan is a call to leapfrog education for the rural and remote underserved people. मेरी शिक्षा, मेरा अधिकार, मेरी गति, मेरे द्वार my Education, my Right, my Pace, my Place Mashmari is exploring creative go to market approaches and innovative stakeholder engagement models to enable a sustainable delivery of remote and rural capability development services. Mashmari sources digital content and services by partnering with NGOs, governments and private agencies and delivers capability development services over its Learning Management infrastructure. It invests in research & development, whilst contributing to Indian & Global standards.
Product Profile	The Mashmari Products are meant to leapfrog personalised and high-quality digital learning, education and capability development for remote and rural underserved areas. The Product Portfolio has three components: **Mashmari Shivir:** A purpose-built future network ready campus ICT infrastructure enabling a high quality of experience of digital and immersive learning in remote campuses. **Mashmari Megh:** Learning Management platform, with capabilities for stakeholder registration, virtual and immersive collaboration, content distribution, enabling learners in distant campuses to educate themselves by participating remotely in urban classrooms, access digital content in the classroom and also from their own devices. **Mashmari Avatar:** An AI enabled platform for learner profile management, custom curriculum development and assessment enabling learners to educate themselves at their own pace.
Contact Details	a. Name: Sharad Arora
	b. Designation: Founder Director
	c. Mobile No.: +91 9354267306
	d. Email: info@mashmari.in
	e. Website:www.mashmari.in

Name of the Company	Nabstract Technologies Private Limited
Company Profile	Nabstract is an emerging company in the space of API platform companies in the 5G NaaS segment. Nabstract is building a platform of network applications that provides developers of different industry verticals like gaming, media, industrial IOT, mission critical services, Edge cloud applications, UAV, V2X platforms to use APIs that 5G network related parameters utilizing the public or private 5G network function capabilities. Start-up based in India, Nabstract is recognized by Intel as Gold Partner, has been granted for 5G Innovation by DOT in the DCIS Scheme, is engaging with leading Telecom Providers to build the network API Platform.
Product Profile	Nabstract.io Platform provides service apis for new age enterprise developers to utilize the 5G network exposure capabilities and simplify the complex 5G network APIS. In doing so, Nabstract Product enable B2B2X monetization model for Telecom companies.
Contact Details	a. Name: Vaibhav Mehta
	b.Designation: Director
	c.Mobile No.: +91 9820217770
	d.Email: vaibhav@nabstract.io
	e. Website: www.nabstract.io

Name of the Company	NEOSOFT PVT. LTD.
Company Profile	Driving an era of absolute disruption by deploying new-age technologies, NeoSOFT Technologies has been empowering small and large businesses to digital upgrade and transform the way they operate for more than 25 years. A global leader in the sector of IT, NeoSOFT Technologies has an impressive team of 4000+ experts who are spread across 10+ nations across the world.
Product Profile	Global IT Consulting & Software Solutions
Contact Details	a. Name: Mr. Nilesh Nile
	b.Designation: Vice President - Business Development
	c.Mobile No.: +91-8879699972
	d.Email: nilesh.nile@neosofttech.com
	e. Website: www.neosofttech.com

Name of the Company	Niral Networks
Company Profile	Niral Networks provides a comprehensive private 5G & Edge platform for accelerating Enterprise Operational Effectiveness. Niral Networks was established in July 2019 with the vision to redefine the future of Enterprise Connectivity by making private 5G & Edge as ubiquitous as WIFI and expedite the adoption of emerging technologies like IoT, Drone, Robotics, AI/ML, AR/VR, Gaming thereby redefining the way people live and work.
Product Profile	NiralOS is a network operating system for Private 5G & Edge and contains 3 key components: • Niral 5G Core - Cloud-Native Private 5G SA core for enterprises that contains 5G functions - AMF, SMF, AUSF, NRF, UPF, PCF, UDM and integrated with various 5G Radio OEMs. Niral 5G core contains a compact UPF for local breakout when integrated with TSP Network. • Niral Edge Platform - Kubernetes and Virtualized infrastructure to create a Mobile Edge Cloud (MEC) using existing commodity servers and open APIs to host various applications like IOT, Robotics, Drones, IMS, AR/VR for low latency, high bandwidth, mobility and privacy. • Niral Controller - Centralized management, orchestration, zero touch provisioning & monitoring of multi-site Private Network and On-premise Edge Cloud. The controller can be hosted in a data center to centrally manage & monitor multiple private networks. Niral 5G Core runs on commodity servers and is integrated with 5G radio from various OEMs to create Private 5G Networks. Applications like Drone, Robotics, IOT can be easily deployed on Niral Edge Platform and remotely managed using Niral Controller.
Contact Details	a. Name: Abhijit Chaudhary
	b.Designation: Founder & CEO
	c.Mobile No.: +91-9886179612
	d.Email: abhijit@niralnetworks.com
	e. Website: https://niralnetworks.com/

Name of the Company	OptimusLogic Systems India Private Limited
Company Profile	OptimusLogic, is India's 1st Smartphone Startup, who built India's 1st global 5G Mobile, "**Optimus Rhino 5G 1**", in association with IIT Hyderabad, supported by TCoE, DoT, Govt. of India under DCIS-2022 scheme. Our Hon'ble PM of India, **Shri Narendra Modiji** Launched 5G services in India on 1st October 2022, where Optimus Rhino 5G 1 worked from Day 1 on 5G, ahead of all leading mobile brands in India. OptimusLogic Systems, since 2013, with operations in Hyderabad & Bengaluru in India, is a growing global Original Device Manufacturer (ODM) and Independent Design House (IDH) in India, for Mobile & Wearable AI systems, Industrial IoT solutions, Signal Intelligence Radars, and Ad-hoc Radios along with contributions towards open-source RISC-V chipsets with eFPGA.
Product Profile	**Optimus Rhino 5G** is a range of global 5G mobile phones and tablets, **designed out of India**, with global ambitions. **Optimus Rhino 5G 1** is a sub-300US$ 6.7-inch Android 12 global 5G Mobile phone on Mediatek Dimensity 900 platform supporting 17 5G bands in the sub-GHz in Standalone and Non-Standalone modes. **Optimus Rhino 5G 2** is a sub-200US$ 6.5-inch Android 12 global 5G Mobile phone on Mediatek Dimensity 700 platform supporting all the above bands. **Optimus Rhino 5G 4** is a sub-400US$ rugged MIL810G, IP68 version of the Optimus Rhino 5G 2, with a 12000mAh battery. **Optimus Rhino SE** is an open-source Android 12 Mobile Computing platform with plug-in 4G/5G connectivity with enhanced platform security with embedded FPGAs built on the NxP's iMX8 platform. More products like 5G tablets, Laptops and Servers coming in 2023.
Contact Details	a. Name: Chandrakumar Chettiar
	b.Designation: MD, CEO
	c.Mobile No.: +91-9866677117
	d.Email: ck@optimuselectronics.com
	e. Website: www.optimusrhino5g.com , www.optimuslogic.in

Name of the Company	Orient cables India Pvt ltd
Company Profile	We are athe leading manufacturer of a range of**Cables and Assemblies from India**. Our plants are located at a short driving distance from New Delhi Airport. Spread across**7.5 acres (350,000 Sq.ft)**, and employing over **775**people, we are able tomeet expectations of the mostdemanding customers requiring high quality cables. Our revenues in FY 21-22 were approximately USD 55 million and are expected to be over 75 million in FY 22-23. Our list of satisfied customers include India's all major telecom operators, ISP's, and most major global IT OEM's. We also export to countries like USA, UAE, Kuwait, Qatar, Israel, Netherlands, Singapore, Nepal, Bangladesh, to name a few. **Our Quality Certifications Include:** 1• ISO 9001 2• ISO 14001 3• TL 9000 4• UL 5• ETL Verification to EIA/TIA 6• BIS 7• BSNL TSEC (Optical Fiber Cables) 8• RDSO (for optical fiber cables)
Product Profile	1• Networking Cables - CAT-5e, 6, 6a & Assemblies 2• CCTV Cables - 2+1, 3+1, 4+1, RG-59+2 3• Optical Fiber Cables - Upto 144f - Armoured, Unarmoured, FTTX drop cable, Indoor tight buffered, ADSS, Ariel, CPRI& Assemblies 4• Low voltage power cables 5• Fire Alarm Cables, Speaker Cables 6• Instrumentation Cables.
Contact Details	a. Name: Ramneek Singh
	b.Designation: VP(Exports& Projects)
	c.Mobile No.:+919899264745
	d.Email:ramneek@orientcables.in
	e. Website:www.orientcables.in

TEPC
Driving Telecom Export

GSMA MWC™
Barcelona

Department of Telecommunications
Ministry of Communications
Government of India

Name of the Company	PRAYOGIK TECHNOLOGIES PVT LTD
Company Profile	We M/s Prayogik Technologies is a recognized Startup by Dept. for the promotion of Industry and Internal Trade (DPIIT36732) Govt of India, working towards Thermoelectric technology, Fuel Cell, Battery Management System, Solar System, Wind Energy and Waste to energy in cooling and utilizing heat applications including power management solutions. Major Sector : 1. Oil and Gas (converting LPG/CNG to Electricity) for Cathodic Protection of pipeline and offshore unmanned platforms. 2. Defense Sector (from -40deg to +70deg Celsius) for battery charging system and walkie talkie. 3. Agriculture Sector (converting biomass to electricity) for waste to energy system. 4. Aerospace Sector (using radioisotopes to electricity) for space exploration 5. Health Sector (Converting body heat to electricity) for Bio sensors. 6. Thermal Power Plants (Waste heat recovery system) 7. Geothermal Energy (using coal mines' underground heat to electricity). 8. Battery Cooling system while charging and discharging at higher amperes. 9. Portable refrigerator without CFC and spot cooling up to -80 degrees for different applications. 10. Remote Telecommunication Towers.
Product Profile	**MIHPS (Modular Integrated Hybrid Power System)** MIHPS is a combined, rugged, Modular, portable, plug & Play single integrated remote power management solution without any moving part consist of :- 1. Flexible highest efficient PV modules integrated with 2. Highly reliable TMSG-DC (Thermoelectric Module Static Generator DC Power) unit and 3. FCSG-DC (Fuel Cell Static Generator DC Power) 4. Having an intelligent autonomous, self-diagnose, remotely controlled battery management system to maintain the reliable power output 24*7*365 from -40 deg. to +60 deg. of locations. 5. Vertical Wind Turbine to get 24 x 7 x 365 Renewable Power
Contact Details	a. Name: VIJAY MAMTANI
	b.Designation: DIRECTOR
	c.Mobile No.: 7045573807
	d.Email: vijay@prayogik.in
	e. Website: www.prayogik.in

Name of the Company	PRAYAAG TECHNOLOGIES
Company Profile	We PRAYAAG TECHNOLOGIES incorporated in the year 1990, initially catering needs of copper cable networks, after the evolution of fiber optics networks we have developed in phase with technology started our innovative ideas to the needs of fiber optic high-end networking, implementing long-distance and local area networks planning, design and commissioning, having our TEAM of well-experienced engineers and workforce serving nation's much-needed information technology platform. Now meeting the needs of global customers extending our support and infrastructure capacities at an affordable costing especially in developing countries.
Product Profile	Fiber Optic Cable Blowing Machines, Fiber Cable Pulling Machines, Fiber Optic Cable Floating Machine, Air Compressors, Fiber Splicing Equipments, Fiber testing equipments, DIT Apparatus, Aerial Cable Lashing Equipments and End to End Fiber Optic installation service provider.
Contact Details	a. Name: SANJAY PRASAD DAYALAN
	b. Designation: CSO
	c. Mobile No.: +91-9444426051
	d. Email: sanjay@prayaagtechnologies.com
	e. Website:www.prayaagtechnologies.com

Name of the Company	Sensorise Smart Solutions Pvt. Ltd.
Company Profile	Sensorise is an industry leader in Internet of Things (IoT) and Machine to Machine (M2M) services in India, with expertise in supplying end-to-end solutions for improving Quality of Service (QoS), remote management and lifecycle management of eSIMs and IoT devices. As DoT registered M2MSP, and pioneers of eSIM technology in India, Sensorise offers an enhanced portfolio of diversified products and services to support industries in their M2M and IoT requirements. Characterised by a unique proposition for multi-network remotely manageable connectivity, Sensorise offers exclusive QoSim and SenseLCM products under IoT/ M2M services with real-time monitoring and data access for enhanced operational efficiencies, productivity and new business opportunities based on the data packed intelligence.
Product Profile	The Quality of Service(QoS) provided by Sensorise ensures critical connectivity during network outages, meeting local connectivity requirements with multi-profile QoSim (M2M SIM) supported by the in-built intelligence to automatically switch the network for seamless connectivity on the go. QoSim services offered by Sensorise are also provisioned for a remote subscription update, enabling quick and hassle-free download of any profile/ subscription on the same SIM over-the-air. This multi-network eSIM connectivity is powered by SenseLCM, which is a cloud-based connectivity lifecycle management platform offering user-friendly dashboard features for connectivity management, analytics, reports along with remote diagnostics for troubleshooting connectivity issues. The sensitive telematics data from sensors, control units and other components is secured by QoSec, which is a complete end-to-end security solution for data encryption. Sensorise has managed an end-to-end solution for secure registration of connected devices/ applications and custodian verification as per digital KYC norms issued by the government. SenseTouch platform manages eKYC services such as platform, app, data, screening, validation etc for facilitating hassle-free custodian verification for M2M connectivity.
Contact Details	a. Name: Vijaya Vivek Kamath
	b.Designation: CTO
	c.Mobile No.: 9820203790
	d.Email: Vijaya.kamath@sensorise.net
	e. Website: www.sensorise.net

Name of the Company	STERLITE TECHNOLOGIES LTD.
Company Profile	STL is an industry-leading integrator of digital networks.Our fully 5G ready digital network solutions help telcos, cloud companies, citizen networks and large enterprises deliver enhanced experiences to their customers. STL provides integrated 5G ready end-to-end solutions ranging from wired to wireless, design to deployment, connectivity to compute through core capabilities in Optical Interconnect, Virtualised Access Solutions, Network Software and System Integration. We believe in harnessing technology to create a world with next generation connected experiences that transform everyday living. We conduct fundamental research in next-generation network applications at our Centre of Excellence. STL has a strong global presence with next-gen optical preform, fibre, cable and interconnect subsystem manufacturing facilities in India, Italy, China and Brazil, along with two software-development center's across India and one data Centre design facility in the UK.
Product Profile	Optical Interconnect Products System Integration Services Access Solutions Network Software Products
Contact Details	a. Name: Anjan Das
	b.Designation: Chief Policy Advocay Officer
	c.Mobile No.: +91 9810100589
	d.Email: anjan.das@stl.tech
	e. Website: www.stl.tech

TEPC
Driving Telecom Export

GSMA **MWC**™
Barcelona

Department of Telecommunications
Ministry of Communications
Government of India

Name of the Company	TechXR Innovations Pvt. Ltd.
Company Profile	TechXR was floated by IITians, on a mission of democratizing the access to emerging technologies like Augmented and Virtual reality by making them affordable and accessible to the common man. We are a fast- growing startup based out of Bhopal, working on providing hardware and software solutions in AR-VR learning and content generation. We have a patented product SenseXR Controller, which works as a 3D mouse in the VR world. The controller allows six degrees of freedom interaction on smartphones. We run AR-VR courses in collaboration with i-HUB IIT Roorkee at affordable prices for easy access to the Indian youth. With the device one can enjoy immersive educational, training , learning and Gaming experiences in AR as well as in VR with quality interaction.
Product Profile	a patented product SenseXR Controller, which works as a 3D mouse in the Augmented & Virtual Reality world. The controller allows six degrees of freedom interaction on smartphones.
Contact Details	a. Name: Harshit Shrivastava
	b. Designation: Core Team Member
	c. Mobile No.: 9140576295
	d. Email: harshit@techxr.co
	e. Website:https: //techxr.co

Name of the Company	**Tidal Wave Technologies Pvt. Ltd.**
Company Profile	Offers Truly Software-defined 5G Radio Access Networks for Private Enterprise Mobile Networks
Product Profile	Software Defined Private Networks for Enterprise LTE, 5G
Contact Details	a. Name: Ankit Dixit
	b.Designation: CEO
	c.Mobile No.: 9833300678
	d.Email: ankit@tidalwave.tech
	e. Website: www.tidalwave.tech

Name of the Company	**TELECOMMUNICATIONS CONSULTANTS INDIA LIMITED**
Company Profile	Telecommunications Consultants India Ltd. (TCIL) is a Schedule 'A' engineering and consultancy company established in 1978 under the administrative control of the Department of Telecommunications (DOT), Ministry of Communications, Government of India. TCIL is a CMMI Level 3, IS/ISO 9001:2015, 20000-1:2011, 27001:2013 and 14001:2015, 22301:2012 certified profit making organization since its inception. TCIL has extended its telecom consultancy and turnkey projects execution services to telecom operators, bulk users and others in India and around 80 other countries in Middle East, Africa, South & South-East Asia. The success story of TCIL lies in its Quality Management and excellence in project execution. Over the years it has been and continues to be a profitable and positive net worth company. TCIL has in-house pool of technocrats encompassing skilled experts in various fields known to complete projects on-time and to user define standards.
Product Profile	TCIL has four decades of international experience in the fields of telecommunications and information technology & also continuously deploying new technologies in the fields of Telecom Software, Switching and Transmission Systems, Cellular Services, Rural Telecommunications, Optical Fiber based Backbone Transmission Systems etc. TCIL has diversified its operation and has been executing turnkey projects of Power Transmission, Rural Roads and Civil Construction. TCIL has been executing projects in latest technologies like FTTH, VOIP, IPTV, etc. In addition to our native expertise, we offer special services in the fields of Data security, Radio Frequency, Railways and border Surveillance domains/ CCTV etc.
Contact Details	a. Name: Rashk Siddiqui
	b.Designation: A.G.M.(Business Development Cell)
	c.Mobile No.: +917838439030
	d.Email: rashk@tcil.net.in
	e. Website: www.tcil.net.in

Name of the Company	TEJAS NETWORKS
Company Profile	Tejas Networks is a global broadband, wireless, and optical networking company, with a focus on technology, innovation and R&D. Tejas' carrier-class products are used by telecom service providers, utilities, government, and defence networks in 75+ countries. Tejas has an extensive portfolio of leading-edge telecom products for building end-to-end telecom networks based on the latest technologies and global standards with IPR ownership. Tejas Networks is a part of the Tata Group, India's largest multinational conglomerate.
Product Profile	Tejas Networks has a diverse range of optical networking products that enable transport and switching of voice, data and video traffic from fixed line, mobile and broadband networks. Tejas products include carrier-grade optical transmission, fiber broadband, broadband wireless (based on LTE 4G/5G) as well as multi-gigabit Ethernet/IP switching and routing products. Tejas products are used for several network applications that include backhaul of mobile and fixed-line traffic from cell towers to switching centers or exchanges, delivering digital leased line circuits or Ethernet services to businesses, building high-capacity national or regional "digital highways" for transport of data traffic, offering wholesale bandwidth services, interconnecting terabit-scale data centers of web-scale companies and for realising mission-critical control networks for utility companies such as railways, power, oil & gas and metro/light rail. With a focus on continuous innovation, we create products using technologies such as GPON, XGS-PON, LTE, DWDM, OTN and PTN. We also are an active contributor to the global 5G standards through our work in India's Telecom Standards Organisation (TSDSI), which is a full organisational partner of 3GPP.
Contact Details	a. Name: Arun Krishna
	b.Designation:
	c.Mobile No.: +91 7899920591
	d.Email: arunkr@tejasnetworks.com
	e. Website: www.tejasnetworks.com

Name of the Company	VINDHYA TELELINKS LIMITED
Company Profile	Vindhya Telelinks has emerged a leading manufacturer & supplier of Jelly Filled Telecommunication Cables, as well as of Optical Fiber Telecommunication Cables and Solar PV Cables. The modest initial manufacturing capacity of JFTC has increased manifold and is offered in a wide range of offerings from 5 Pairs to 2400 Pairs copper cables, Optical Fiber Cables & Electron Beam DC Power Cables employing the most current technology are also manufactured at a robust capacity annually. Vindhya Telelinks undertakes all manufacturing & production under the stringent parameters of the TL 9000, IS/ISO Certifications. All of the company's systems & processes are geared to comply fully with ISO guidelines and are subject to ongoing scrutiny under the certification. Vindhya Telelinks reputation as a dependable & high-quality manufacturer now precedes itself. We have been consistently awarded the highest Delivery Rating amongst Cable manufacturers. Our unblemished history & superior quality enabled us to work under the coveted Approved Inspection Scheme (AIS), a rare privilege for a company
Product Profile	Fibre Optic Cable / Copper Telecom Cables/ Solar Cables / E BEAM Cured Cable
Contact Details	a. Name: Vineet Shrivastava
	b.Designation: Vice President (Business Development)
	c.Mobile No.: +91 99200 43515
	d.Email: vineet@vtlrewa.com
	e. Website:

Name of the Company	VVDN TECHNOLOGIES
Company Profile	VVDN is an end-to-end product engineering and manufacturing company. At present, VVDN has 10+ design centers, 5+ Manufacturing plants in India, with over a team of 7000+ people, VVDN has a global presence in the US, Canada, Europe, S. Korea, Japan, Vietnam. Having experience of 14+ years, VVDN helps customers steer their next-generation solutions by technology innovation in the space of 5G, Networking & Wi-Fi, Vision, IoT, Cloud & Apps. VVDN has set up a complete infrastructure and ecosystem to do R&D, PCB Assembly(SMT), Mechanical tooling, Injection molding and Die casting and product assembly and final testing & certification – all under one roof. Being a pioneer in the 5G & Networking space, VVDN is one of the very few companies in the world that does the complete designing, engineering, manufacturing and testing of Telecom products including 5G Radio units, Massive MIMO, Access Points, UBRs, Network Switches, Routers, Servers, 5G Cloud etc.
Product Profile	Services: Hardware, software(system software & cloud and apps), FPGA, RF, mechanical, testing, prototyping, certification, and mass manufacturing
Contact Details	a. Name: Girija Vedi
	b.Designation: Vice President - Marketing & Pre-Sales
	c.Mobile No.: +91-8527812334
	d.Email: girija.vedi@vvdntech.com
	e. Website: www.vvdntech.com

GSMA **MWC™**
Barcelona

Department of Telecommunications
Ministry of Communications
Government of India

TEPC
Driving Telecom Export

Name of the Company	**WORLD PHONE IT SERVICES PVT LTD**
Company Profile	World Phone IT Services is a key player in IT solutions and IT services domain. In the solution and platform development phase, WPITS helps organizations to leverage technology to streamline business and grow. With experienced professionals, processes and methodologies, we help our customers achieve higher operational excellence. WPITS delivers unmatched value to their customers through a combination of reusable frameworks and technology innovation. Headquartered in India, WPITS addresses several global regions and markets like Indian Subcontinent, rest of Asia, Middle East and Africa. WPITS portfolio of solutions includes innovative and futuristic software platforms for Telecom, Enterprise and Media industries including two major patented solutions. We also extend our expert consulting and advisory services, product engineering and development, system integration and ODC's to telecom service provider, equipment manufacturer and independent software vendors. We also offer end to end comprehensive managed services on our own and on third party solutions on on-site as well as offsite models.
Product Profile	Telco products: - CRBT Platform, Multi Messaging Gateway, USSD gateway (for both GSM and CDMA), SDP, One API gateway. EIR Solution Enterprise products: - OTT Chat solution, Mobiscreen Ad platform, Nearby-LBS Suite Mobile Financial services: - Mobi Wallet, Mobi Microfin, Mobi pay, Mobi remit, Mobi credit, Mobi Bank
Contact Details	a. Name: SANDEEP GULATI
	b.Designation: COO
	c.Mobile No.: +91 91445 00000
	d.Email: sandeep.gulati@wpitservices.com
	e. Website:

Name of the Company	XS INFOSOL PVT LTD.
Company Profile	XS Infosol is a 26-year old software application and development company . XS Infosol offers subscriber management solutions to internet access providers such as telcos, ISPs, and businesses. This includes services such as user billing management, bandwidth management, content filtering, firewalls, and OSS/BSS Their customers include Telco's/ISP's such as Tata & Aircel, hotels (Radisson hotels), restaurants (Starbucks, Costa Coffee), FMCG's (Unilever) , airports (almost all the major airports in India) and some universities. The company has over 900 customers and serves over 5000 locations, mostly in India. There are around 100 employees. The company is also present in the UAE, Qatar, the United States, Bahrain, Sri Lanka, and Yemen. They recently built the longest free WiFi network for a state government in India. Some of their software also includes telecom and ISP billing solutions,OSS/BSS for telecom data and ISP's, CRM & VoIP solutions .
Product Profile	• SMART OSS/BSS SYSTEM • SMART GUARD AAA SYSTEM • SMART GUARD WIFI HOTSPOT SYSTEM • SMART EKYC SYSTEM • SMART OMS (ORDER MANAGEMENT SOFTWARE) • SMART BMS (BILLING MANAGEMENT SOFTWARE) • SMART CRM (HELPDESK MANAGEMENT SOFTWARE) • SMART INVENTORY (INVENTORY MANAGEMENT SOFTWARE) • SMART HRM (HUMAN RESOURCE MANAGEMENT) • SMART IVR (INTERACTIVE RESPONSE SOFTWARE) • MOBILE APPS ANDROID / IOS • CUSTOMIZED WEB BASED APPLICATION • CLOUD & VIRTUALIZATION SOLUTIONS
Contact Details	a. Name: AMIT PASARI
	b.Designation: CEO
	c.Mobile No.: +91 9953007901
	d.Email: amit@xsinfosol.com
	e. Website: https://www.xsinfosol.com

TEPC
Driving Telecom Export

MWC™
GSMA™
Barcelona

Department of Telecommunications
Ministry of Communications
Government of India

Name of the Company	Rosmerta Digital Services
Company Profile	Rosmerta Digital Services is the first company to enable the D2C model for vehicle delivery in India, processing all transactions at RTO on behalf of vehicle OEMs and direct end customers.
Product Profile	Rosmerta Digital Services provide customized end-to-end solutions for B2B segment providing support on Trade Certificate issuance, FAME subsidy processing and Vehicle registrations – nationwide. This includes backend data entry on Vahan & DHI portal, customer visits for signature and document collection as well as submission of integral documents at RTOs. The company also facilitates RTO services for issuance or renewal of driving license and changes in their vehicle RCs etc. MyRaasta is a specialized segment for value added service through mobile app for vehicle repair & maintenance.
Contact Details	a. Name: Priyanka Sapra
	b.Designation: Marketing manager
	c.Mobile No.: 8570861699
	d.Email: Priyanka.sapra@myraasta.in
	e. Website: https://www.rosmertatech.com

Name of the Company	Maar Telecom Private Limited
Company Profile	Maar Telecom offers focused services to India's rapidly growing Mobile Communications market (GSM/GPRS/EDGE, CDMA, UMTS/WCDMA, Wi-Max, LTE, etc) We are rendering our services to Industry since more than a decade However the idea of inception of Maar Telecom arouse to get the customer's royalty through best after sales services, by the dedicated entity fully involved in the services only. Maar Telecom has a strong team of Engineers and Technicians spread all over India providing System Integration Services to the Mobile Operators in India.
Product Profile	Distributors, Traders, Sellers, Manufacturers, Services Providers all kind of electronics and telecommunication goods and allied products.
Contact Details	a. Name: Umesh Singh
	b.Designation: DGM Marketing
	c.Mobile No.: +919818855626
	d.Email: umesh@maartelecom.com
	e. Website: www.maartelecom.com

TEPC
Driving Telecom Export

GSMA MWC™
Barcelona

Department of Telecommunications
Ministry of Communications
Government of India

Name of the Company	**Polycab India Limited**
Company Profile	Polycab is one of India's leading manufacturers of cables and wires and allied products such as uPVC conduits and lugs and glands. We have a range of cables and wires for practically every application. More recently Polycab has also launched a wide range of consumer electrical products like Fans, Switches, Switchgear, LED lights and Luminaries, Solar Inverters and Pumps. Our products are widely available throughout the country and enjoy a reputation for great quality and superior durability. Polycab's Telecom Division is engaged in building and up-scaling passive networking infrastructure.
Product Profile	Optical Fibre Cables
Contact Details	a. Name: UDIT DOGRA
	b.Designation: GENERAL MANAGER
	c.Mobile No.: +91 9643 709 707
	d.Email: udit.dogra@polycab.com
	e. Website: www.polycab.com

Name of the Company	Vista information systems Pvt Ltd
Company Profile	Vista group started operations in 2012, when the founder bought the GSM-R business of Nortel Technologies in India from Nortel Inc. In just eight years after buying the GSM-R business, it is the market leader in India in this area of business. Vista is now manufacturing various blocks of the GSM-R system in India in accordance with the Make in India policy of the Government of India and is the first Company ever to manufacture these systems in India. Vista has now developed its own next generation LTE-R/5G-R and is ready to launch it commercially in the Indian market.
Product Profile	GSM-R LTE-R/5G-R DWDM SD-WAN IP-MPLS TRACK DIAGONOSTICS
Contact Details	a. Name: Maloy Pancholi
	b.Designation: Executive Director
	c.Mobile No.: 9811992293
	d.Email: maloy@vistaispl.com
	e. Website: www.vistaispl.com

Name of the Company	Tecsmen Innovation
Company Profile	Optical Connectivity Solutions In this era of digitization, data has the power to change the world. While data continues to fuel innovation and technological advancement, the world has started to witness unprecedented growth in internet connectivity. Consequently, there is an increasing demand of digital infrastructure to deliver ubiquitous optical connectivity. The existing network infrastructure is not fully equipped to deal with the sudden rise in data traffic. Across the globe, the optical fiber penetration levels are still low. Even in the developed nations, fiberization is only 65-70% and wired broadband penetration is not enough.
Product Profile	Network Infrastructure
Contact Details	a. Name: Saurabh Bansal
	b.Designation: Managing Director
	c.Mobile No.: 7230067424
	d.Email:tecsmeninnovation1@gmail.com, sbcoders3@gmail.com
	e. Website: