

The background features two large, decorative curved lines. One line, in shades of blue and green, curves from the top right towards the center. Another line, in shades of green and blue, curves from the bottom left towards the center.

COMCON

Company Profile 2023

The Company



- Comcon is a leading supplier of **'Test & Measurement'** and **'Information and Communication Technologies (ICT)'** solutions and services.
- Comcon has decades of experience in design, supply, commissioning and support of solutions for **Audio & Video applications** in various industries.
- Comcon brings the technology solutions from its **global OEM partners** and its **in-house development team** to a breadth of markets, including industrial equipment, information systems, automotive and transportation, aerospace and defense, telecommunications and consumer electronics, and helps customers introduce innovative products, reduce their time to market, and enhance their overall competitiveness.



Brief History

- Communication Controls Engineers (first company of the present Comcon Group of Companies) was founded and incorporated in 1984 by Mr. Rakesh Aggarwal, with primary objective to design, manufacture and supply Professional Broadcast Equipment to organizations in India. The brand name 'Comcon' was adopted and trademarked and it soon grew with deployments across the country in the All India Radio and Doordarshan networks.
- In 1995, Comcon expanded into imports and distribution with focus on two key application areas – 'broadcast & proAV' and 'test & measurement', and this business was later moved to 'Comcon Technologies Limited' incorporated in 2009. Today CTL is a leading solution provider for AV applications in various many industries...



Overview

- Commitment to Quality
 - Comcon holds an ISO 9001:2008 certification for its manufacturing & quality processes. By virtue of continued partnerships with the highest quality product OEMs, and strict quality & delivery controls, Comcon is today the preferred supplier for numerous MNCs and prestigious organizations in India. Its high score on the customer appreciation index is indicative of how consistently Comcon is able to deliver in crucial supply situations.
- Human Capital
 - Comcon employs over 45 engineers, experts and consultants across various roles and locations. The staff is multilingual and has in-depth experience in technology applications and global communications.
- Financial Figures
 - Comcon's portfolio of supply orders and contracts have a cumulative value exceeding 5 Billion INR. The annual turnover of the group in 2022-23 is about 350 Million INR.



Areas of Expertise

- Electronics and RF Test & Measurement
- Radio & TV broadcast transmission
- Audio, Video and Communication Connectivity – Cables, connectors, etc.
- Infrastructure & Enterprise Cabling
- ProAV equipment supply and service
- Equipment Rental and Lease
- Studio and Stage Prompters
- Consulting for Audio and Acoustics
- Broadband, mobile and satellite ICT applications



Industries & Markets served

- Aerospace and Defense
- Automotive & Transportation
- Broadcast Radio, TV, DTH, OTT
- Consumer Electronics & Multimedia
- Education and Training
- Electronics and Semiconductor Design / Manufacturing
- Industrial Systems and Equipment
- Information Systems, Networking & Datacom
- Infrastructure Construction & Development
- Professional AV Rental, Installed, Music & Production
- Space and Satellite
- Telecom & Mobile Computing



Activities / Engagements

- Imports, warehousing and distribution of products
- India Channel partner and Brand representation for Global OEMs
- Software development – in house products as well as custom projects
- Manufacturing of Electronics equipment and custom designed special solutions
- Solution consulting
- Equipment Rentals, Maintenance and after-sales support

Locations & Sales Network

Comcon is headquartered in New Delhi and operates across the country via a network of sales executives and channel partners. The network includes 100+ resellers in India and more in neighboring countries of Bangladesh, SriLanka etc.



Product Lines

- Information & Communication Technologies (ICT)
 - At Comcon, ICT is an umbrella term that includes any communication device, encompassing radio, television, cell phones, computer and network hardware, satellite systems and so on, as well as the various services and appliances with them such as video conferencing and distance learning. With over 35 years of existence and steady growth as a manufacturer, supplier and integrator of solutions in this space, the Comcon team has created a niche for itself – particularly with regards to its customer centric approach and high standards of technical expertise.
- Test & Measurement Electronics, RF & Acoustic
 - Comcon is a major provider of Test & Measurement solutions to the various customer segments. With inhouse applications engineers and demo gear, understanding customer requirements and providing the right solution is a way of life, not just a priority. Every sale is supported by training modules, maintenance contracts and service support.



Products (ICT)

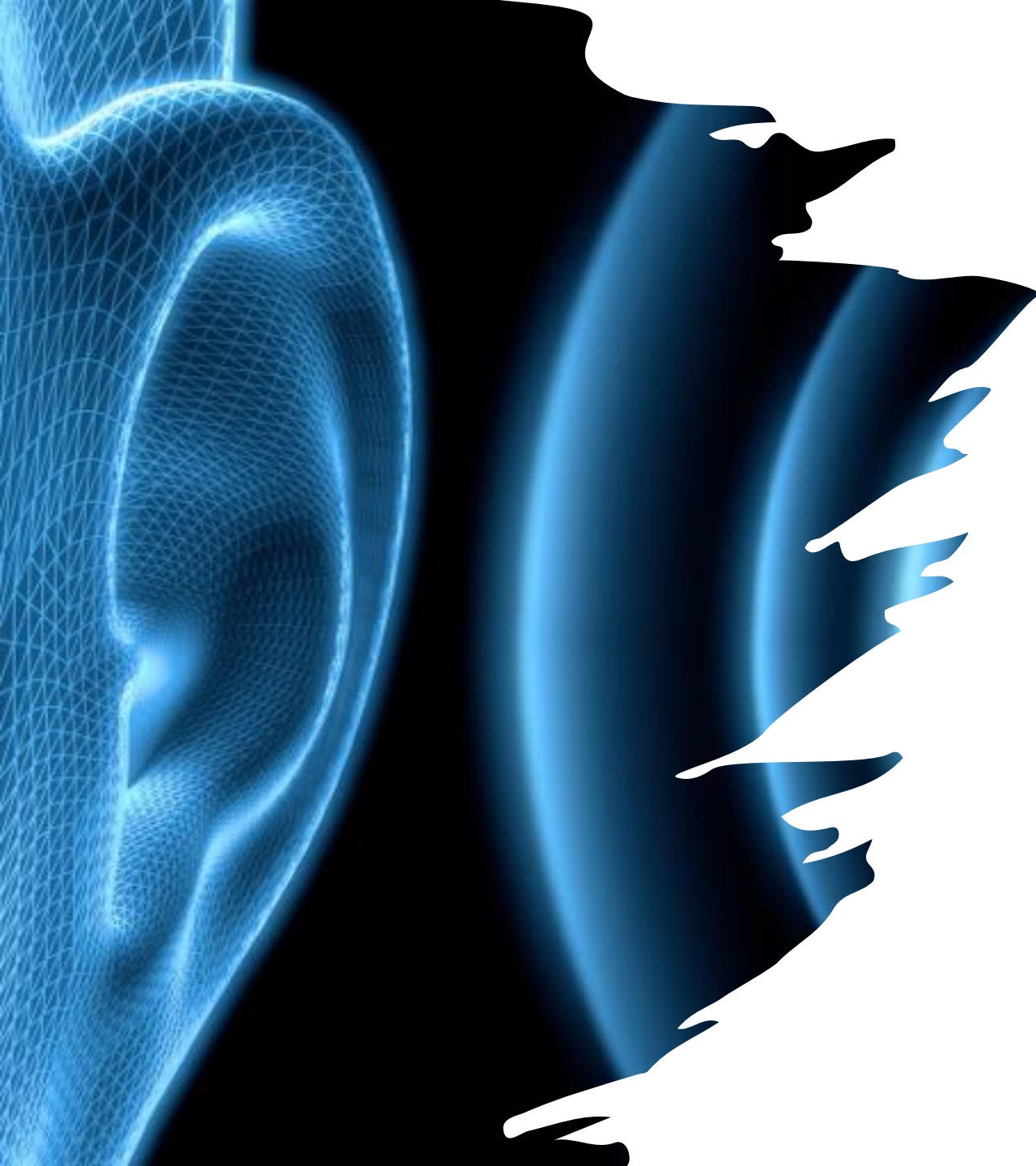
- Cables, Connectors & Patching
 - Comcon is one of the largest stockist of Cables and Connectors, especially for the Audio Visual applications. With large ready for supply stocks, it is able to serve small & large projects across the India, and sometimes beyond. The cable assemblies and patch panels are rugged and reliable and our team is well experienced to identify the best cost to performance ratio.
- Audio Video for Broadcast:
 - Complete range of Processing and distribution solutions, with specialized designs for Radio and TV studios, Transmissions centres etc.
 - Mixing Consoles – small to large format Mixing consoles with IP and AES67 support
 - Audio Processors – AM, FM, Online Radio, TV, OTT, Loudness
 - Speaker Monitors, DOLBY Embedders, AES67 Equipment, Automation Systems, Intelligent Loggers, Audio Codecs, etc.
 - IP Infrastructure for Video, QoS and QoE Monitoring, Reference & Non-reference Video Quality Analysis
 - Fiber Optic Multiplexers / Transport / Conversion / Routing, etc.



Products (ICT)

- Software for Broadcast and ProAV
 - Partner OEMs as well as in house development has made Comcon the choice for many software based solutions. Offering includes Playout Automation, Audio & Video Loggers, Telemetry & SAMVAD Teleprompters to the broadcast as well as installed AV customers, along with several reputed references.
- Broadcast Transmission
 - Complete range of FM & AM transmission equipment from very low to very high power.
 - RF transmitters, Dummy loads, Antennas, ATUs, Combiners, Automatic Coaxial Switch, Signal Monitoring, Telemetry Systems, Remote Deployable Radio Retransmission Systems
- Solutions for Pro & Installed AV
 - Complete Audio & Video Transport solutions – Cables, Connectors, Patch Panels, Converters, Tools, Installation Accessories, Fiber Optic, CAT6 infrastructure, Custom products
- Power Solutions
 - MDU and PDU range from Comcon with automatic changeover, delayed start, 32A Input, etc are designed to suit inrack requirements from various industries.





Products (Test Solutions)

- Audio Analysers and Generators
 - Analog, SPDIF, AES, PDM, HDMI, TDM, I2S, BT, A2B, MEMS, Acoustic, Sound, Noise, and other audio formats and signals.
- Acoustics, Sound & Noise Testing Solutions
 - Measurement Microphones (CCP/IEPE, 200V/LEMO), Sound Level Meters, dB Meters
 - HATS systems, Ear and Mouth Simulators, Calibrators, CCP/IEPE/200V/Lemo Signal Conditioners
 - Data Acquisition Systems (DAQs) & Sensors for Audio, Sound & Noise
- Audio & Sound Accessories
 - Audio Interfaces & Sound Cards – USB, Dante, Ravenna, AES3
 - Loudspeakers, 5.1 systems, Amplifiers, Mixers, Processors, Headphones
 - Resistive Loads for Amplifiers
 - 360° Heavy Duty Programmable Turntable
- Bluetooth BT & WiFi Test Solutions
 - BT 5.0, BLE, WiFi5, WiFi6, Sniffers, Analyzers
- Voice & Speech Testing: POLQA, PESQ, STI, ABC-MRT

Products (Test Solutions)

- Protocol Analysers and Compliance Testers
 - HDMI, DP, BT, WiFi, USB, SATA, SCSI
- Video Generators & Analyzers
 - HDMI 2.1, 4K, 8K, DisplayPort DP 2.0, DVI, VGA, SDI, IPVideo, Analog
 - AV Sync Testers
- Waveform Monitors and Rastrizers
 - SDI – 3G, 6G, 12G, Analog, SDIoverIP & SDIoverFiber
- Picture Quality, QoS and QoE Analysers
- RF Field Strength Meters & Spectrum Analysers
 - CATV, Satellite TV, DTH, AM, FM, WiFi, DVB-T/T2, DVB-S/S2, DAB
- Portable & Handheld Radio Test Equipment
 - Radio Signal Generators and Analysers for AM, FM, DRM, HDRadio, DAB
- Special and Custom Cables, Adapters, Format Converters, Isolation Transformers



Services

With professional and experienced engineers and consultants on board, our team is best equipped to provide services with highest standards.

- Solution Consulting
 - Dedicated application engineers at Comcon are well trained in technology domain as well as product use cases and nuances. We look forward to talking to our customer about their requirements so as to create the most detailed and accurate 'requirement document' and further match them to the solutions and services available worldwide.
- Installation, Integration and Commissioning
 - Comcon team can be appointed to install and commission any and all units sold by us. Our projects include everything from Studios, Large AM & FM Transmitters, OB Vans, etc to installation and commissioning of Mixing Consoles, Test equipment, etc.



Services

- Service & Calibration
 - Dedicated service team providing repairs, maintenance, upgrades and calibration for all products and solutions provided by Comcon. Accredited NABL calibration is provided by partnering with a 3rd party lab. Pickup and Drop of equipment across India is arranged in safe Hard Cases.
- Maintenance Contracts
 - At Comcon, we believe in trouble free ownership of all assets sold by us. We offer professional services, repairs and maintenance backed by annual contracts to ensure breakdown all faults are repaired before they impact project deliverable and deadlines.
- Equipment Lease and Rentals
 - With a strong inventory of equipment available, we offer equipment on long term lease and short-term rentals. For long term lease we are able to invest in new units with custom configurations as well.

OEM Partners (ICT)

Sonifex, UK

Lawo Systems,
Germany

Orban Ltd.
Germany

Belden, USA

Neutrik,
Liechtenstein

Phabrix, UK

Switchcraft,
USA

Broaman,
Germany

Decimator
Design,
Australia

ENCO Systems,
USA

Kintronic
Laboratories,
USA

Canare, Japan

Optocore,
Germany

Stirlitz Media,
Poland

Deva
Broadcast,
Bulgaria

Genelec,
Finland

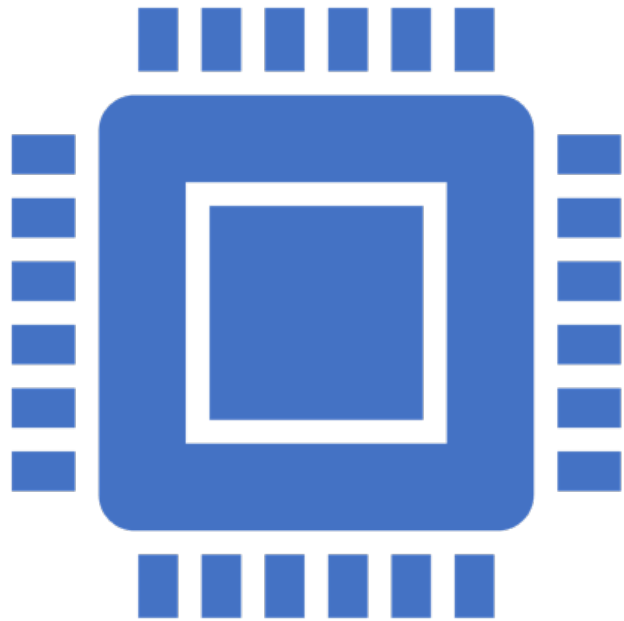
Davicom, USA

Artel, USA

OEM Partners (Test Solutions)

Audio Precision, USA	Teledyne Lecory, USA	GRAS Acoustics, Norway	IMC, Switzerland
Quantum Data, USA	Genelec, Finland	Promax Electronics, Spain	Murideo, USA
Video Clarity, USA	OnoSoki, Japan	Frontline Test Equipment, Ireland	Wilder Technologies, Canada
Leader Corporation, Japan	Echo Audio, USA	Phabrix Ltd. UK	Potomac Instruments, USA
	Outline Systems, Italy	AE Techron, USA	





Technologies supported

- Bluetooth
- PDM 1 bit Audio
- I2S
- HDMI
- TDM Audio
- SPDIF
- AES3
- AES67
- AoIP
- Ravenna
- Dante
- A2B
- PESQ
- POLQA
- DisplayPort
- WiFi
- USB
- SATA
- SCSI
- DRM & DRM+
- HDRadio
- DAB
- DVBT2
- ATSC
- ASI
- SDI
- SDIoverIP
- HDbaseT
- DVI
- VGA
- MEMS
- SMPTE Video

Customers (indicative list)

- Indian Institute of Technology
- Delhi Duty Free
- Bird Group
- Reliance Industries
- Tata Communications
- Sony Pictures India
- Sony Software DC India
- Texas Instruments
- Intel Technologies India
- DRDO units
- Honda Cars India
- Skoda Motors India
- Larsen & Toubro A2B
- Harman International
- Samsung India
- Analog Devices India
- ST Microelectronics
- NXP Semiconductor India
- Qualcomm Technologies India
- Audience Communications
- ISRO (GoI PSU)
- Reliance Entertainment
- Television 18
- Zee TV
- NDTV
- Radio Mirchi
- Radio City
- Hindustan Times
- Times Group
- Aptiv
- Visteon
- Ford Motors India
- Tektronix
- Rohde Schwarz
- Panasonic India
- Ministry of Meghalaya (GoI) Dalai Lama Trust
- PVR Pictures
- Akshardham Temples



Companies & Locations

- New Delhi Head Office
 - Comcon Technologies Limited
 - C-68/2 Okhla Industrial Area Phase 2 New Delhi 110020, India
- New Delhi Manufacturing
 - Comcon Industries
 - S-54 Okhla Industrial Area Phase 2 New Delhi 110020, India
- Bangalore Regional Sales South
 - S105, Satya Greens, kodigehalli main road, Thindlu, Bengaluru 560097, India
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Thank You,

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