

BHARAT ELECTRONICS LIMITED (BEL)



Guided by a farsighted vision to make the country self-reliant in Defence Electronics, Bharat Electronics Limited was setup in Bangalore in 1954 by the Government of India under the Ministry of Defence. From a humble beginning, BEL is now a Navarathna PSU and India's foremost Defence Electronics company

BEL is a multi-product, multi-technology, multi-unit conglomerate offering over 350 products in the areas of Radars, Missile Systems, Military Communications, Naval Systems, Electronic Warfare and Avionics, C4I Systems, Electro Optics, Tank Electronics & Gun/Weapon System Upgrades, Solar Photovoltaic Systems, Electronic Components and Civilian products, with a turnover of 8824.7 Crores (2016-17)

While Defence contributes to nearly 82% of its revenue, BEL has developed civilian products like solar traffic signals and Electronic Voting Machines. BEL's customers include the Army, Navy, Air Force, Paramilitary, Coast Guard, Doordarshan, All India Radio, Department of Telecommunications and consumers of professional electronic components

BEL has nine units spread across the country. It has a three-layered R&D setup comprising Development and Engineering (D&E) Divisions at all units, central D&E supporting D&E divisions and Central Research Labs (CRLs) at Bangalore and Delhi for carrying out futuristic, cutting-edge research. BEL has extensive infrastructure - its manufacturing network is spread over all its 9 units.

DEFENCE RESEARCH & DEVELOPMENT ORGANISATION (DRDO)



Defence Research & Development Organisation (DRDO) works under Department of Defence Research and Development of Ministry of Defence. DRDO is dedicatedly working towards enhancing self-reliance in Defence Systems and undertakes design & development leading to production of world class weapon systems and equipment in accordance with the expressed needs and the qualitative requirements laid down by the three services.

DRDO is working in various areas of military technology which include aeronautics, armaments, combat vehicles, electronics, instrumentation engineering systems, missiles, materials, naval systems, advanced computing, simulation and life sciences. DRDO while striving to meet the Cutting edge weapons technology requirements provides ample spinoff benefits to the society at large thereby contributing to the nation building.

Vision : Make India prosperous by establishing world-class science and technology base and provide our Defence Services decisive edge by equipping them with internationally competitive systems and solutions.

Mission

- Design, develop and lead to production state-of-the-art sensors, weapon systems, platforms and allied equipment for our Defence Services.
- Provide technological solutions to the Defence Services to optimise combat effectiveness and to promote well-being of the troops.
- Develop infrastructure and committed quality manpower and build strong technology base.

MERLINHAWK AEROSPACE PVT LTD



Merlinhawk has built its reputation over three decades as a trusted partner for OEMs, user agencies and operators in the aviation and defence sectors for customised solutions. We have three decades of experience backed by all requisite accreditations as a Design Organisation and offers top quality electronic and electromechanical products and value added services guaranteed for reliable performance, especially in rugged and highly challenging environments. These include airborne and ground support products, test & measurement equipment, microwave products and solutions as well as cable harness assemblies, integration, installation and product lifetime support.

[Microwave](#)

A dedicated team of Microwave Engineers provide solutions for designers and manufacturers of military radar and communication products. We are partner with SPXFLOW, Netherlands for Waveguide Pressurizers and Waveguide Dryers, Megapahse LLC, USA for RF Cable Assemblies up to 110GHz, FEI-ELCOM, USA for Wide Band Receivers and Up down converters, Elva-1, Russia for Millimetre wave products and AMPEX, USA for Wide Band Solid State Data Recorders.

[Test & Measurement](#)

Merlinhawk offers value added products and services for aerospace, defence and semiconductor segments applications from SEFELEC (Eatotn), France.

DIAMOND ANTENNA AND MICROWAVE CORPORATION



Since 1956, Diamond Antenna and Microwave Corporation has delivered precision microwave Rotary Joints and RF rotating subsystems for use in radar, satellite communication antennas, missiles, ground vehicles, naval and airborne applications. Experience with the exacting tolerances necessary for microwave signal transfer is the basis for our core competence in precision rotary component design and manufacture.

In addition, we refurbish rotary joints made by other manufacturers including our own at a greatly reduced price from buying a new.

Our affiliated company, Diamond-Roltran, designs and provides the next-generation slip ring named Roll-Rings®. This high performance technology enables unmatched rotary electrical transfer in those applications that require high power, low noise, and long life with little maintenance required which is ideal for ATC radar system.

PASQUALI MICROWAVE SYSTEMS S.R.L.



Pasquali Microwave Systems is an Italian company located in Florence and at our days manufactures microwave components and assemblies for application in systems of high precision and great reliability such as civil and military radars, for applications in space, telecommunications and security sectors. Pasquali is present in the USA with Pasquali Microwave USA LCC - Washington. That is why worldwide leader companies in the industry of defence, aerospace and telecommunications systems are among

Pasquali Microwaves System's customers. All activities are executed in-house for the benefit of delivery time and quality control. Pasquali Microwave Systems can promptly meet the demand of tailored products from 100 MHz to 50 GHz, ranging from single prototypes to full stocks.

ASTRA MICROWAVE PRODUCTS LTD



Astra Microwave Products Ltd.

Astra Microwave Products Limited (AMPL), founded in 1991 with headquarters in Hyderabad, is one of the leading designers and manufacturers of high-quality radio frequency (RF) and microwave components and sub-systems in India. AMPL is a company promoted by Microwave Engineering Professionals and has been focusing on RF and Microwave Electronics business since its inception. ISO 9001:2008 and AS9100 Rev. C compliant, AMPL manufactures sub-systems for the defense, space, telecommunication and meteorology sectors. AMPL provides services including design, development, and fabrication and testing of RF and Microwave components and sub-systems. Using state of the art infrastructure and advanced testing facilities including ESS equipment, AMPL offers a one-stop solution for our customers and thus are one of the leaders in this segment in India.

AMPL's product range includes radar sub-systems, electronic warfare sub-systems, space sub-systems, telemetry sub-systems, missile sub-systems, satcom terminals, monolithic microwave integrated circuits (MMICs) and micro electromechanical systems (MEMS), and telecommunication products.

Being company with a strong R&D background, AMPL has undertaken production of equipment from R&D labs to reduce the production lead times. AMPL has also demonstrated its capability to provide complete solutions from concept to product realization. Starting with a diverse range of microwave products like filters, transmitters, receivers, antennas etc, the achievement in producing actual space-borne hardware was a dream come true for the company and an endeavor to be proud of for the AMPL team.

Today, AMPL has also worked with many foreign OEM's for offset production in India, which has also led to some global work both in BTS and BTP. Since 2004, AMPL has also been involved in the design and development of MMIC's. Within a short time frame, we have developed more than 105 quality MMIC products. The chips are used in the internal systems developed by AMPL and are also available for export as Dies/Packages/Modules.

MACOM

MACOMTM

Partners from RF to Light

MACOM is a new breed of analog semiconductor company – one that delivers a unique combination of high growth, diversification and high profitability. We are enabling a better-connected and safer world by delivering breakthrough semiconductor technologies for optical, wireless and satellite networks that satisfy society’s insatiable demand for information.

Today, MACOM powers the infrastructure that millions of lives and livelihoods depend on every minute to communicate, transact business, travel, stay informed and be entertained. Our technology increases the speed and coverage of the mobile Internet and enables fiber optic networks to carry previously unimaginable volumes of traffic to businesses, homes and data centers. Keeping us all safe, MACOM technology enables next-generation radars for air traffic control and weather forecasting, as well as mission success on the modern networked battlefield.

MACOM is the partner of choice to the world’s leading communications infrastructure and aerospace and defense companies, helping solve their most complex challenges in areas including network capacity, signal coverage, energy efficiency, and field reliability, through its best-in-class team and broad portfolio of RF, microwave, millimeterwave and lightwave semiconductor products.

MACOM is a pillar of the semiconductor industry, thriving for more than 60 years of daring to change the world for the better through bold technological strokes that deliver true competitive advantage to customers and superior value to investors. Headquartered in Lowell, Massachusetts, MACOM is certified to the ISO9001 international quality standard and ISO14001 environmental management standard. MACOM has design centers and sales offices throughout North America, Europe, Asia and Australia.

WOLFSPEED, A CREE COMPANY



Wolfspeed, A Cree Company, is liberating power and wireless systems from the limitations of silicon by leading the innovation and commercialization of next-generation systems based on silicon carbide and gallium nitride.

Wolfspeed's wide bandgap semiconductor products for power and radio-frequency (RF) applications deliver new levels of performance through increased efficiency, higher switching frequency and reduced system size and weight for the transportation, industrial and electronics, energy and communications markets.

Wolfspeed leads the industry in RF Power performance with GaN HEMTs and GaN MMICs. Please refer to www.wolfspeed.com for additional product and company information. Cree® is a registered trademark and Wolfspeed™ is a trademark of Cree, Inc.

AITECH INNOVATIONS INDIA PVT LTD



Established in 1983, Aitech has a long and impressive track record delivering superior cost-performance, reliability, and time-to-market benefits to our customers. In addition, Aitech specializes in customizing our COTS products to meet the specific requirements of Defense, Space and other customers worldwide.

We are happy to announce that the new company, *Aitech Innovations India Pvt. Ltd.* is now up and running. Our new address is No. 91 Prestige South End, South End Road, Jayanagar , Bangalore.

We are COTS Manufacturer and supplier of Rugged Systems, VME, VPX, cPCI based Single Board Computers, GPGPU Boards, PCIe & Network Switches, Graphics & Video Boards, Mil-1553 & ARINC Boards, Power Supplies, Analog and Digital I/O Boards, Memory & Storage Modules, Space Products, Carrier cards and Rugged Enclosures

NORDIASOFT



Nordiasoft is the world leader in the provision of commercial off the shelf (COTS) software, Integrated Development Environment (IDE) for Component Based Design, and the Software Communications Architecture (SCA). Nordiasoft products and services minimize development risk, reduce development cycle, all while improving overall quality.

Together, the team has over 80 years of combined expertise in the development, implementation and use of the SCA for embedded systems development. *Nordiasoft offers a complete software suite for embedded systems manufacturers and research organizations, to enable them with the proper software tools to quickly and efficiently develop not only their radio/radar products but many other kinds of embedded systems such as test & instrumentation, electronic warfare, signal intelligence, robotics, etc.*

Nordiasoft products are used by major military radio manufacturers worldwide for the development of their systems. The Nordiasoft team members were the creators of the SCARI SCA Core Framework deployed in thousands of tactical radios currently operating on the battlefield.

Nordiasoft is committed to always provide leading edge and highest quality products. Its R&D and Engineering Support team are always looking forward to advance software component technology while also improving user experience. Because you need to succeed.

COMPUTER SIMULATION TECHNOLOGY GMBH



CST offers a wide range of EM simulation software to address design challenges across the electromagnetic spectrum, from [static](#) and [low frequency](#) to [microwave and RF](#), for a range of applications, including [EDA & electronics](#), [EMC & EMI](#) and [charged particle dynamics](#). The centerpiece of CST's product range is CST STUDIO SUITE®. This comprises CST's complete set of 3D electromagnetic simulation tools, along with a number of related products dedicated to more specific design areas such as cable harnesses, PCBs and EM/circuit co-simulation.

As well as simulation tools, CST also offers CST BOARDCHECK™, a PCB rule-checking program that reads popular board files and examines them against signal integrity (SI) and electromagnetic compatibility (EMC) design rules, and Antenna Magus®, which significantly simplifies the antenna design process by enabling access to a large database of parameterized antennas that can be exported to CST MICROWAVE STUDIO®.

ORBIT FR ENGINEERING LTD



The Microwave Vision Group comprises the collective experience of 4 industry leaders: ORBIT/FR, SATIMO, AEMI and Rainford EMC Systems, specializing in antenna test and measurement solutions and anechoic & EMC chamber technology. For over 30 years, the Microwave Vision Group (MVG) has developed unique expertise in the visualization of electromagnetic waves. The Group develops and markets systems that evaluate the characteristics of antennas, helping speed up the development of products using microwave frequencies.

MVG offers a wide product portfolio including multi-probe arrays, NF scanners, RCSpylons, antennas and probes, measurement software, positioning equipment, compact ranges and their components, absorbing materials, shielding and chambers. From off-the-shelf standard components to full turn-key, customized systems or chambers, our experts can help you find the best testing solution for your needs.

MVG offices worldwide provide local services including project management, maintenance, and measurement and certification services. The group is dedicated to serving the needs of the Telecommunications, Aerospace & Defense, and Automotive industries as well as Research Institutes.

MATHWORKS: MATLAB & Simulink



MathWorks is the leading developer of mathematical computing software. Engineers and scientists worldwide rely on its products to accelerate the pace of discovery, innovation, and development.

Products

MATLAB®, the language of technical computing, is a programming environment for algorithm development, data analysis, visualization, and numeric computation. Simulink® is a graphical environment for simulation and Model-Based Design of multidomain dynamic and embedded systems. The company produces nearly 100 additional products for specialized tasks such as data analysis and image processing. (See [product map](#).)

MATLAB and Simulink are used throughout the automotive, aerospace, communications, electronics, and industrial automation industries as fundamental tools for research and development. MATLAB and Simulink enable the design and development of a wide range of advanced products, including automotive systems, aerospace flight control and avionics, telecommunications and other electronics equipment, industrial machinery, and medical devices.

MathWorks India was established in November 2008 in Bangalore, India, and is responsible for selling and supporting the [MATLAB](#)® and [Simulink](#)® product families of the company MathWorks Inc throughout the country. MathWorks India has also recently opened new offices at New Delhi & Pune.

MICROSEMI



Microsemi Corporation offers a comprehensive portfolio of semiconductor and system solutions for aerospace & defense, communications, data center and industrial markets.

Products include high-performance and radiation-hardened analog mixed-signal integrated circuits, FPGAs, SoCs and ASICs; power management products; timing and synchronization devices and precise time solutions, setting the world's standard for time; voice processing devices; RF solutions; discrete components; enterprise storage and communication solutions, security technologies and scalable anti-tamper products; Ethernet solutions; Power-over-Ethernet ICs and midspans; as well as custom design capabilities and services.

Microsemi is headquartered in Aliso Viejo, Calif.

RADIALL INDIA (P) LTD



Since 1952, we have been enabling the future and collaborating with our customers to succeed. We have developed an award winning reputation and established strong relationships with our customers by providing innovative solutions. Part of being the best is supplying products that customers can trust for unrivaled repeatability and reliable performance. That's why we've invested in facilities around the world that specialize in manufacturing capabilities critical to manufacturing the finest interconnect components to support your most demanding applications. Our commitment is to continue to be the market leader you rely on - in every region around the world - so that you can be the leader in your field.

Radiall provides a superior range of product solutions for the Test & Measurement industry. Our RF switches, Cable Assemblies and RF coaxial connector product solutions are designed to meet the stringent requirements for high frequency and repeatability in a wide range of applications. These high performance switches and interconnect products offer exceptional quality and precision for use in the test market.

SCHLEIFRING



SCHLEIFRING

Schleifring und Apparatebau GmbH in Fuerstenfeldbruck (Germany) with subsidiaries in Newbury (UK), Chelmsford/Massachusetts (USA) and Tianjin (China) develops and produces slip ring systems and contactless rotary joints - especially based on specific customer demands.

Around 650 employees ensure the market leadership in the development and production of electrical slip rings, which are used in almost every sector of industry and electromechanical engineering. Whether on land, at sea, in the air or in space, SCHLEIFRING transmission systems are working to ensure the reliable transfer of power, electrical signals, bus data or media.

With projects ranging from armored vehicles through to radar and missile applications as well as optronic and underwater systems you will find slip ring systems designed, engineered and produced by SCHLEIFRING.

**SYRATRON TECHNOLOGIES PVT.
LTD.**

SYRATRON

Syratron is India's leading representative company in high rel. Electronic, Communication, RF & MW Components and Sub Systems. Syratron represents American, European, and South East Asian manufacturers in the focus areas of Defence, Space, Communication, Satellite Communication, Medical, Automotive and Industrial Electronics.

Syratron can support Microwave Filters, Stepper Motors, Coaxial & Waveguide Switches, Passive Microwave Components, Coaxial Cable Assemblies, Ceramic, Tantalum, Aluminium Electrolytic capacitors, Dielectric Resonators, Ferrite Components, Calibration Kits, Millimeterwave components, Adapters, Attenuators, Terminations, Diodes & Transistors, MMIC components & Hybrid Microwave products, Anti-Vibration, Shock Mounts, Microwave PCBs, Flexible & Rigid waveguides.

JV MICRONICS



We are an ISO 9001:2015 manufacturer of RF Absorbers, Microwave Anechoic Chambers, Antenna Positioners and its measurement software, RF Hazard protection dresses and also Wave Guide Components in India for the organizations like DRDO, IAF, BEL, HAL, SAMEER, EQDC, AVANTEL Ltd, Astra Microwave Products Limited, Huber + Suhner, IIT's, NIT's and other Government and Private Universities etc. We are regularly exporting our products to countries like USA, Brazil, Poland, Turkey. JV Micronics products are manufactured and tested as per prescribed International standards e.g. IEEE, MIL standard, CISPER, ANSI, EN etc.

Quality Policy:

JV Micronics is committed to supplying goods & services as per customers requirements and timelines and further ensures satisfaction through continual improvement in its quality management system.

Health Safety:

Our Products are ROHS compliant.

RfMW ASIA PTE LTD



“*RFMW Ltd.* is the premier RF & Microwave specialty distributor created to support your component selection, technical design and fulfilment needs.

RFMW supports full supply chain services including dedicated supply chain management support & logistics, JIT, KANBAN, partial reels, tape and reel, and additional capabilities listed below.

RFMW offers a complete range of services for commercial, industrial, military and space requirements. Our focus on RF devices and technology enables us to meet your expectations with the highest service levels.

We have offices in Singapore and India(Bangalore) to support the local needs.

UNISTRING TECH SOLUTIONS PVT LTD.



Unistring Tech Solutions Pvt. Ltd (UTS), established in the year 2007. CEO of the company Mr. K. Srinivasa Raju worked for DLRL (DRDO) as Scientist for 11 years in Electronic Warfare technologies before joining UTS.

The IPs and products are based on state of the art CPU, FPGA, GPU hardware and DSP algorithms, which can reduce the design, development, test and validation phase of several classes of EW systems. The Electronic warfare and IP division of UTS, with focused research, design and development efforts, following products & solutions are developed.

DRFM based RADAR target simulator for X and C bands, RADAR Signal Simulator

Telemetry Products: Telemetry Signal Simulator, Telemetry receiver, PCM De Commutator, Multi channel bit sync and best source selector

Software Defined Radios: SDR transceiver, DSSS full duplex radio, AD9361 based Zynq 3U VPX card, 1.6GSPS DAC card & DRFM based digital Zynq module.

IP cores for FPGA and processor platforms: MODEMS: BPSK, QPSK, OQPSK, 8PSK, pi/4 QPSK, QAM-2, 4, 8, 16, 32, 64, FSK-2, 4, OFDM, Digital Signal processing IP cores Beam forming IP cores, GUI development-- Qt / VC++

Clients: DRDO (DRDL, DLRL, DEAL, CHESS, RCI, LRDE, and ASL), BEL, ECIL, Indian Navy, and Private Clients (DTA-Canada)

FISCHER CONNECTORS



Using state of the art technology, we are a leading company in the design, manufacture and distribution of high-performance connectors. Known for their reliability and precision, our products are used in fields requiring faultless quality, such as military applications, medical equipment, industrial instrumentation, measuring and testing devices, broadcast, and. Telecommunication. Innovative and flexible, we are committed to provide customized solutions for each application. For more than 60 years, we have been continuously developing new concepts and our product range comprises over 20,000 connectors and accessories. From our headquarters, primary design and manufacturing facilities located in Switzerland, we developed a worldwide network of subsidiaries and distributors to ensure best-in-class service and support to all our customers.

The Fischer Connectors brand is synonymous with high reliability and state-of-the-art technology. Innovative by tradition, we regularly present new products which are unanimously adopted worldwide. Our Research and Development department ensures the supremacy of Fischer connectors. Our engineers systematically develop new solutions by anticipating the progress in each of the industries.

Fischer Connectors India Pvt. Ltd. is a wholly owned subsidiary of Fischer Connectors SA Switzerland established in the 2012 to provide technical support to customer in India and sales providing complete cable assembly solutions from our facility in Gurgaon Haryana.

MMRFIC TECHNOLOGY



MMRFIC TECHNOLOGY PVT LTD is a Bangalore based start-up company, founded by a team of industry experts (the alumnus of Texas Instruments India) in the field of millimeter-wave (MMW), RF and AMS VLSI. MMRFIC's unique expertise in MMIC and RFIC enables them to offer world's most integrated, robust, reliable and easiest-to-use MMW and RFIC solutions. By leveraging digitally assisted MMW and RF Frontend IP's, we are able to eliminate many discrete components and enable our customers with feature-rich products and able to fasten their time to market.

MMRFIC's wireless solutions address a wide range of industrial, communication and wireless applications. MMRFIC offers high performance, high levels of integration and complete reference design support.

MMRFIC has expertise in handling MMW, RF and AMS design and layout at chip or module level along with floor planning for multi-level blocks and their integration in different process nodes and packaged Silicon.

MMRFIC has a unique skill set to provide an end-to-end solution, from Antenna to Bits and Algorithms to Practical Implementation, to solve customer problems.

ROHDE & SCHWARZ INDIA PVT LTD



Founded more than 80 years ago, Rohde & Schwarz is one of the world's leading manufacturers of information and communications technology products for professional users. Initially focusing on RF engineering and RF applications in test and measurement, radiocommunications and broadcasting, the company has continually expanded its fields of activity over the past decades. The digital transformation of technology, business and society into a networked world means that IP-based communications technology must be integrated into virtually all future products. To succeed, this requires extremely reliable, high data security. Rohde & Schwarz has embraced this field of activity and become one of Germany's largest manufacturers of IT security products.

The company has grouped its activities into several business fields in order to address the different markets with dedicated products and solutions.

Rohde & Schwarz is a market-leading supplier in the mobile and wireless communications sector, offering a complete portfolio of T&M instruments and systems for the development, production and type testing of components and consumer devices as well as for setting up and monitoring mobile networks. Other important T&M markets include the automotive industry, aerospace and defense, all industrial electronics sectors, research and education.

In broadcast and media, Rohde & Schwarz addresses network operators, consumer electronics manufacturers, content providers and post production studios. The portfolio includes solutions for the entire transmission chain for audiovisual content - from camera output and terrestrial broadcasting to transmission via satellites and IP networks.

AIMIL LTD



Aimil Ltd. is a leading ISO: 9001 (2008) certified company, with an All-India network of 15 offices, staffed and managed by over 850+ professionals with rich and varied experience in the instrumentation industry.

With focus on instrumentation and over eight decades of experience, the Company offers a range of state-of-the-art test instruments, devices & components, Consultancy and Services in the fields of RF & Microwave, Telecommunication, Optical Fiber, Power Electronics and Electrical from reputed overseas manufacturers such as Spectracom USA, Boonton Electronic Corporation, USA, Noisecom Inc, USA, Anapico Switzerland, Prodigit Electronics Taiwan, Exetech Electronic Co, Taiwan, Tabor Electronics Ltd., Israel and many more, backed by local expertise and efficient pre & past sales support.

COREEL TECHNOLOGIES



CoreEL
Technologies

Enabling Excellence

CoreEL Technologies is a Customer Application Specific Product & Solutions (CASPS) company offering INNOVATIVE solutions from its diverse portfolio of expertise that includes Intellectual Property (IP) cores, System Design, Manufacturing, Sustenance and OEM solutions in the form of EDA tools, Mechanical Engineering tools, COTS products and Technology training.

CoreEL's strength lies in its ability to blend deep domain knowledge with the right ingredients across its portfolio of offerings. It is a leading developer of advanced electronic system level products and solutions to three primary markets - Aerospace & Defence, Digital Media Broadcast, and Universities & Institutions of higher learning.

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INTEL FPGA



The Intel Programmable Solutions Group (PSG) is at the forefront of technology innovation, providing customers programmable solutions for leading-edge electronic systems that are shaping our modern world. Founded in Silicon Valley, California, as Altera, we have been supplying the industry with access to the latest programmable logic, process technologies, IP cores and development tools for more than 30 years.

Recognizing Altera's innovative mindset, Intel acquired the company in 2015. Our combined technology leadership and operational excellence, enable today's largest technology and system companies to rapidly and cost effectively innovate, differentiate and win in their markets. The company bring to Intel its FPGAs, SoCs with embedded processor systems, CPLDs, ASICs, and complementary technologies, such as power solutions, are preferred by customers worldwide in a variety of end-markets, including communications, networking, cloud computing and storage, industrial, automotive and defense.

CENTUM ELECTRONICS LTD



Centum Electronics Ltd is a leading Electronics company head quartered in Bangalore, India offering design, development & manufacturing of customized system/subsystem solutions for high reliability applications. Established in 1994, Centum has rapidly grown into a diversified company operating in Defense, Aerospace, Space, Industrial, Medical and Telecom industries. Centum has steadily increased its product and service range in these chosen segments. It has recently acquired Adetel group of France, who are embedded system experts catering to defence, aerospace, industrial, energy, medical & transportation sectors. With exports contributing to 90% of the annual turnover and customers that include the most reputed international and domestic organizations, Centum has demonstrated its ability to combine product reliability, performance and competitive pricing with a strong customer-focused approach. Centum has also established a strong global presence with design, engineering & sales offices in the USA, Canada, UK, Australia and France. Centum group's 2700 employees (with 730 designers) have contributed to the company's revenues of 150 million \$.

The company is comprised of four operational business units - Design & Engineering services, Strategic Electronic Products, Electronic Manufacturing Services and Frequency Control Products. Centum Adetel group is a design and engineering firm specialized in the design and production of critical electronic systems for power electronics, control systems and energy storage applications in the railway, aeronautics, defense/security, medical industries. Apart from main design center in France, it has other design centers at USA, Canada & Germany to support its world wide customers

**REBUTOR ELECTRONICS
PVT.LTD**



Rebutor Electronics Pvt. Ltd, a reputed electronic components distribution company specializes in Standard & Customized Military Grade AC-DC, DC-DC, Inverter, Static Frequency Converters, High Voltage Power supplies, UPS and Battery Chargers from 1Watt to 65kW for Avionics, Ground Military and for Naval applications.

Product offering includes: High Efficiency DC-DC Converters with Switching Frequency Synchronization for Pulse Load applications in 28VDC / 270VDC Input range. High Power AC-DC Rectifiers for Ground Mobile Radar (10kW-60kW), Multi-Output Converters for Avionics / Electronic Warfare Systems. Conduction / Fan cooled 3U/6U VPX/VME/cPCI Power Supplies from 150W ~ 1600W for Embedded computing applications.

The manufacturers distributed are **Schaefer Elektronik-Germany**, **PCI Systems-Germany**, **Aedon-Russia**, **KW Systems-Russia**, **Power System Technology-France**, **Premium-Spain**, **ETA-USA**, **Traco Electronic-Switzerland** etc.

ALTAIR FEKO



Altair

FEKO

Altair is a leading provider of engineering software enabling innovation, reduced development times, and lower costs through the entire product lifecycle from concept design to in-service operation. Our simulation-driven approach to innovation is powered by our integrated suite of software which optimizes design performance across multiple disciplines encompassing structures, motion, fluids, thermal management, electromagnetics, system modeling and embedded systems, while also providing data analytics and true-to-life visualization and rendering.

Altair's electromagnetic (EM) simulation software FEKO is widely used in the industry for the analysis and design of antennas for industries such as, defence radars, wireless, cellular and communication systems, remote keyless entry systems, tire pressure monitoring systems, satellite positioning and communications, radars, RFID and many others. FEKO uses multiple frequency and time domain techniques for the analysis of a broad spectrum of electromagnetic problems mainly related to antenna design and placement, scattering, radar cross section (RCS) and electromagnetic compatibility (EMC), including electromagnetic pulses (EMP), lightning effects, high intensity radiated fields (HIRF) and radiation hazard.

TRIDENT INFOSOL



Trident Infosol is a leading solutions provider for Embedded COTS Hardware, Signal Processing Systems, Telemetry Systems and Engineering Software catering to the Real-Time applications and an International supplier of Rugged Systems for the avionics, aerospace, military, navy and heavy industrial markets. This includes supplying parts to build systems such as backplanes, power supplies, storage modules, Ethernet switches, development platforms and rugged standard (ATR) and custom based enclosures.

We have a series of fully-loaded Rugged - SFF (Small Form-Factor) COTS Embedded computers based on 3U VPX called Osprey, hybrid SFF computer called Falcon, VNX (VITA-74) based computer called Raptor and ultra-small form factor computer called Lanius. We adhere to all the relevant military grade form-factors such as VPX, VME, cPCI, VXS, COMe as well as the latest SFF standard VITA-74 also termed as VNX.

Established in the year 2000, we support a wide range of applications for the Aerospace, Defense, Research & Development, Automotive, Telecommunications, Medical and Industrial segments. Trident Infosol represents reputed global OEMs in its endeavor to provide best-in-class products to its ever-growing list of clients. Trident Infosol has been growing rapidly since its inception and today we are serving our Domestic and International clients through our offices in Bengaluru, Delhi, Hyderabad, Mumbai and Singapore.

DATA DEVICE CORPORATION



Data Device Corporation (DDC) is a world leader in the design and manufacture of high-reliability Connectivity, Power and Control solutions (Data Networking; Power Distribution, Control and Conversion; Motor Control and Motion Feedback) for aerospace, defense, space and industrial applications.

With awards for quality, delivery and support, DDC has served these industries as a trusted resource for more than 50 years providing proven solutions that are optimized for efficiency, reliability and performance. Data Device Corporation brands include DDC, Beta Transformer Technology Corporation, National Hybrid Inc., North Hills Signal Processing Corp., Pascall Electronics Ltd. and XCEL Power Systems Ltd.

DDC is headquartered in Bohemia, NY and has manufacturing operations in New York, California, Mexico and the United Kingdom. In March 2017, DDC opened its Operations Center in Bangalore, India to provide expanded services and capabilities for our valued customers in India and Asia Pacific countries - including customer service, order management, banking transactions and technical product support through our local Field Applications Engineers.

KINGSLY INSTRUMENTATION AND COMMUNICATION



Kingsly

Instrumentation & Communication Pvt Ltd

Incorporated in 1993, Kingsly Instrumentation and Communication Pvt. Ltd., is engaged in marketing and supporting Electronic Test & Measuring Instruments (TMI) and Modular Instrumentation (Digitizers & Analyzers), Electronic Components, Prognostic Solutions and Diagnostics & Condition Monitoring Systems for Power generation & transmission.

We have a wide array of products in various form factors (PCI, PCIe, PXIe, VPX, USB) for analog to digital conversion and digital to analog conversion. We have special products that can directly digitize & generate upto L, S and C band signals with very powerful on board FPGA for real time analysis of data. Our solutions are used by many MNC's and defence labs for various applications such as EW-ESM, RWR, Phased Array Radar Receiver, EW-ESM, MIMO, COMINT, Wideband Transceiver with DDC, Radar - MIMO, SAR Radar. EW-ESM, EW-ESM, Radar Emitter-Receiver, EW-ECM DRFM, Radar Target Simulator. Our solutions have Optional DDC on ADCs, Added jitter of <12ps. Phase coherent Channels. ADC to DAC latency of 30 ns, upto 2GHz Instantaneous BW. We can also provide custom solutions to suit customer requirements for Data Acquisition and Generation.

TECNODE SOLUTIONS P LTD



We, Tecnode Solutions (P) Ltd, is headquartered in Bangalore is a pioneer in providing Software and Hardware Systems solutions to Indian Space, Telecom, Defense, markets for the last 17 years.

We provide solutions in the area of:

- Electronic Design Automation Software solution for RF, Microwave & Digital Simulation
- RF Front ends for GNSS, Re-Configurable Radios
- RF, Microwave, Optical, Laser, Fiber Optic Systems and Components support solutions to various industries
- Antenna Measurement Solutions.
- Space Grade Components, Subsystems & Systems for Various Satellite & Aerospace Projects
- Auto-Track Antenna Systems

The products line includes Space and Mil-Qualified amplifiers, RF Sub Systems, Antenna Measurement Solutions, RAD-Hard Memories & IPs, RFICs for GNSS, RADAR Tiles, THz Horn Antenna, UAV Data Links, Imaging applications, EM Gaskets, Absorbers etc along with customized solutions for Millimeter Wave Components. Tecnode is stepping forward to provide ASIC /MMIC/RFIC design services with expertise in RF, analog and mixed signal ASICs and module design services and system level design in the near future.

AARJAY INTERNATIONAL PVT. LTD.



**AARJAY
INTERNATIONAL
PRIVATE LIMITED**

Aarjay International Pvt Ltd is a diversified technology solutions company with more than 25 years of dedicated service to its customers. Our 2 divisions provide test & measurement solutions, HiL simulators, mechanical engineering consulting & services, avionics systems and automation solutions to more than 500 customers in Aerospace, Defense, Space, Telecom, Automotive and Industrial sectors.

We provide the following specialized solutions for the Radar and Navigation applications:

Radar Target Simulator, Radar Environment Simulator, EW Suite, Threat Signal Simulator, General Radar Simulator, Comint Simulator and Elint Simulator
IRNSS/GPS SIMULATOR, RF FRONT END, IRNSS RECEIVER, SOFTWARE RECEIVERS, Record and Replay equipment & Pseudolite Equipment for indoor positioning

AXON INTERCONNECTORS AND WIRES



AXON INTERCONNECTORS AND WIRES PVT LTD is a subsidiary of Axon' group. The subsidiary is involved in the manufacture of standard Micro D connectors and assemblies, RF cable assemblies and cable assemblies terminated with any kind of connectors for the Electronics, Defence and Aerospace Industries in India.

The AXON' group specialises in designing and manufacturing high tech conductors, electronic cables and interconnect solutions for markets such as military, aeronautics, space, medical, computer, telecommunications, automotive, consumer electronics etc.

The headquarters of the company is situated in Montmirail in France (100 km east of Paris) and employs 1500 staff world-wide in 10 subsidiaries across Europe, America and Asia. In order to meet its customer's requirements, AXON INTERCONNECTORS has obtained approvals such as ISO 9001: 2008 and EN 9100 : 2003

DEXCEL ELECTRONICS DESIGNS PRIVATE LIMITED



YOUR
EMBEDDED
DESIGN
SERVICES
PARTNER

Dexcel is a Fabless Embedded Product Engineering design house with concept of "One Stop Solution Company" that can take up design and development of customized systems including Hardware, Software and Mechanicals through Engineering Services and IT Consulting.

Our core capability lies in Board level designs and systems on a programmable chip with expertise in FPGA and ASIC centric designs. Our focus & expertise are in areas of Defense, Aerospace, Industrial, Networking, Telecom and Semiconductor industry segments.

Being an ISO 9001:2008 certified company and having an in-house Assembly unit; Dexcel excels in Design Prototyping and Volume productions with Low Volume High mix and High Volume Low mix requirements.

M/s DATASOL (B) PVT LTD



Datasol since its Initiation in 1997 has been a Colonizer to contribute complete End to End solutions and Innovations in Technology for the Aerospace and Defence establishments in India and overseas. To comprehend its vision to be the leading engineering and product realization company, it has associated with various Niche Technologies, World class Original Equipment Manufacturers and Diversified business verticals.

With our activities, Datasol is proud to declare that we are in harmony with the Make In India initiative.

Datasol Capabilities

With close to 200 man years of experience, Datasol wants to position itself as a credible partner to offer Embedded Design, Electro mechanical, and System Engineering services to Defense and Space establishments. These includes capabilities in the following Horizontals:

- Embedded Design Services that covers both Analogue and Digital designs.
- System Engineering including Software designs.
- Electromechanical Engineering Services with customization.
- Retrofit or Drop-in replacements.

AIRBORN INTERNATIONAL



AirBorn is a 100% employee owned company whose core business is engineering & manufacturing thousands of specialized connectors for aerospace, medical, manufacturing, instrumentation, storage & networking, space exploration and energy industries – but that's not where it ends.

AirBorn offers extensive expertise in [Cable Assemblies](#), [Flexible Circuits](#) and comprehensive [Value-Added Services](#) including Design & Engineering Services, PCB Assembly, Box Builds, Power Supply Manufacturing and full Testing & Lab Services.

With our comprehensive design, manufacturing, testing & certification capabilities together under one roof, lead times and costs will be cut considerably. At AirBorn, you have a truly complete, turn-key solution with over 58 years of industry experience.

ENTECH ENGINEERING COMPANY



ENTECH Engineering Company was established at Bangalore, India, in 1994. An ISO 9001:2015 certified company. We Design, Manufacture, Test, Commission and Service Custom built Cooling units, Heat Exchanger, Air Dryers and Shelter Cooling systems for various applications for almost every Industry including Defense & R&D.

Our products are built around the customer's needs, with our experienced design team. We also undertake turn key projects on Special Purpose Process Control Systems, Air, Water and Gas Control & Piping Systems. With our trained and dedicated team, we aim to provide effective and efficient Product Support and Services no matter the location.