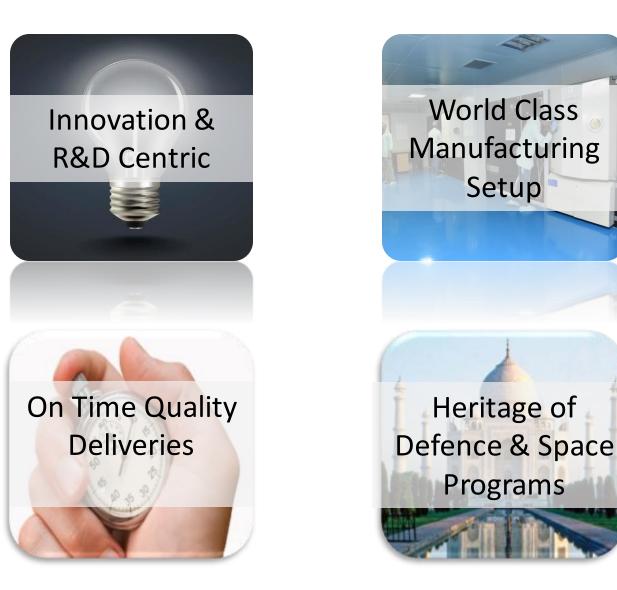


Paras Defence & Space Technologies Limited

Premier Defence and Space Engineering Company

Company At A Glance







Application Areas











Of Defence Budget for

Capital Acquisition

1.62L Cr.

Of Opportunity in Defence

Sector



Revolutionary Initiatives







Initiatives in Action



Indigenisation Lists

25%

Of Defence R&D for

Domestic Industry

93%

Increase in iDEX Budget to

foster young ideas



FDI through

Automatic Route



Model being explored

between Govt. & Industry



Leadership Team



Board of Directors



Charad Chah

Sharad Shah Chairman





Directors



Anish Mehta Director: Bus. Dev.





Amit Mahajan Director: Tech. & R&D



Ami Shah V.P.: HR



M. M. Handa Independent Director

Ex-Director of BEL



Suresh Katyal Independent Director

Ex-GM of BEL



Dr. Hina Gokhale Independent Director Ex-DG of DRDO



Vice Presidents



R. Rajagopal Sr. Vice President

Industry Expert



Industry Expert



K. Natarajan Sr. Vice President

Industry Expert



Dr. Padmanabham Sr. Vice President

Industry Expert



Ex-AGM of BEL



D. Ramakantha General Manager

Ex-Sr. DGM of BEL



Industry Expert



India's Best Optics Team





Locations of Paras

01 Navi Mumbai

Optics Mfg, Opto-Mech Integration, Electronics D&E, System Integration, Directors & Corporate Departments

02 Ambernath

Heavy Engineering Mfg., Mechanical System Integration, Test Facilities

03 Bengaluru

Optics Design, Advanced Electronics System Design, Sales & Marketing, Projects & Customer Interface, After Sales Support

04 Ahmedabad

Optics Design, Optics Simulations, Opto-Mechanical Assemblies etc.

05 New Delhi

Sales & Marketing, Customer Interface, Post Sales Co-ordination

06 Hyderabad

Sales & Marketing, Customer Interface, Post Sales Support



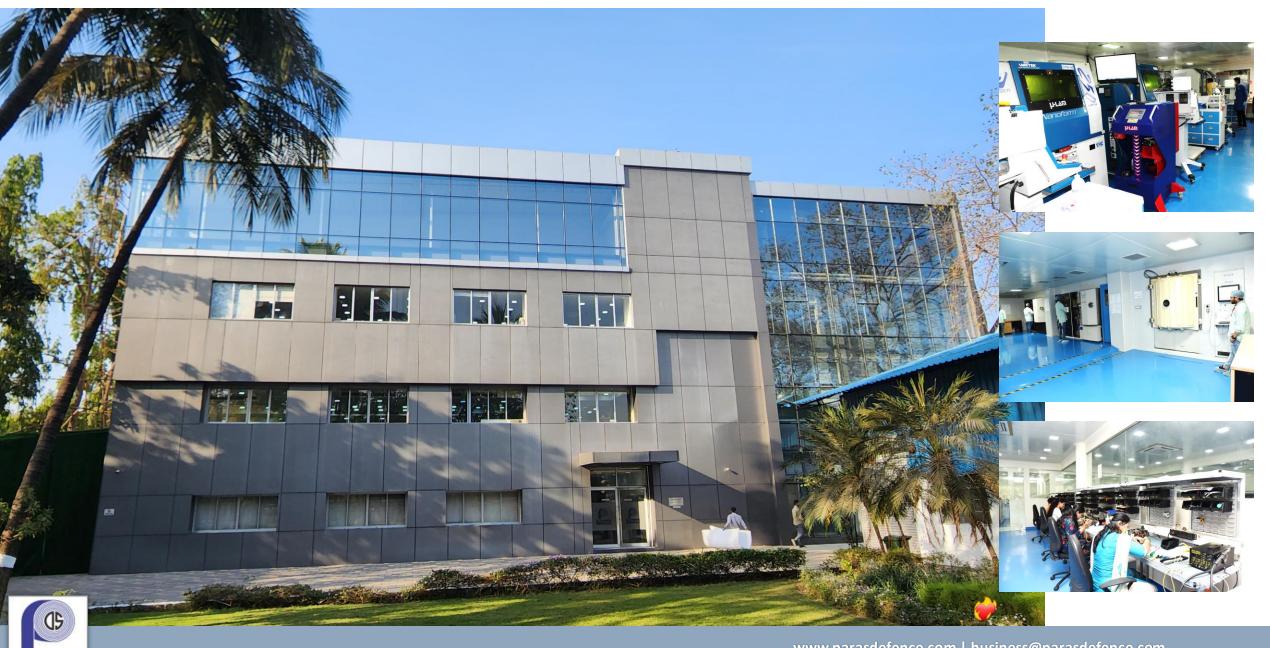
Un-Paralleled Capabilities



www.parasdefence.com | business@parasdefence.com

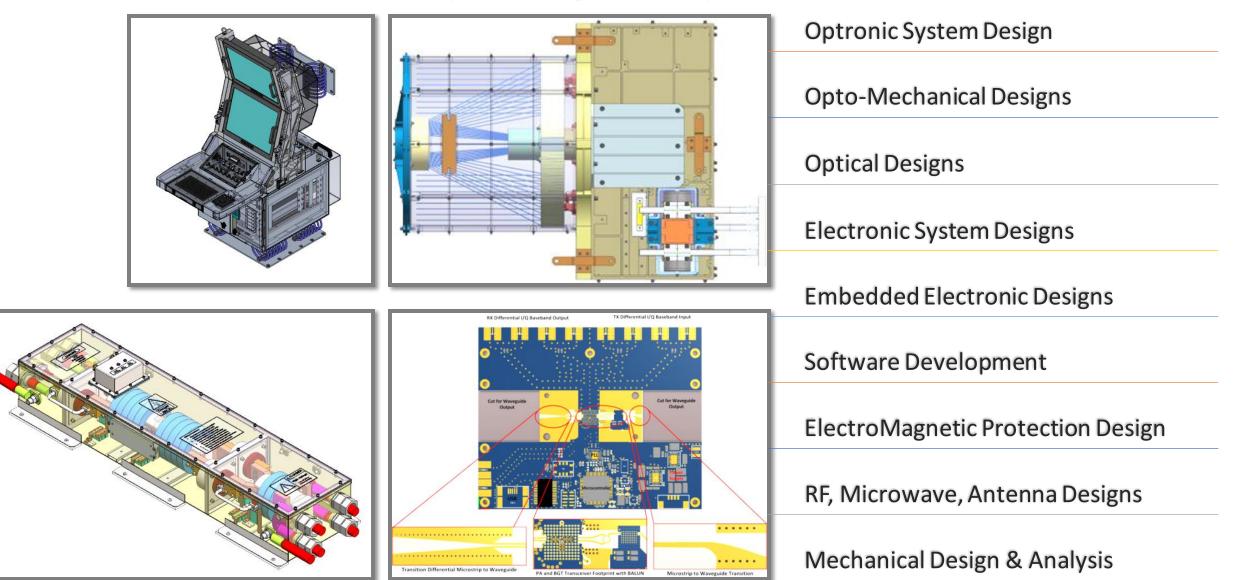
19.19

State-Of-The-Art Facilities

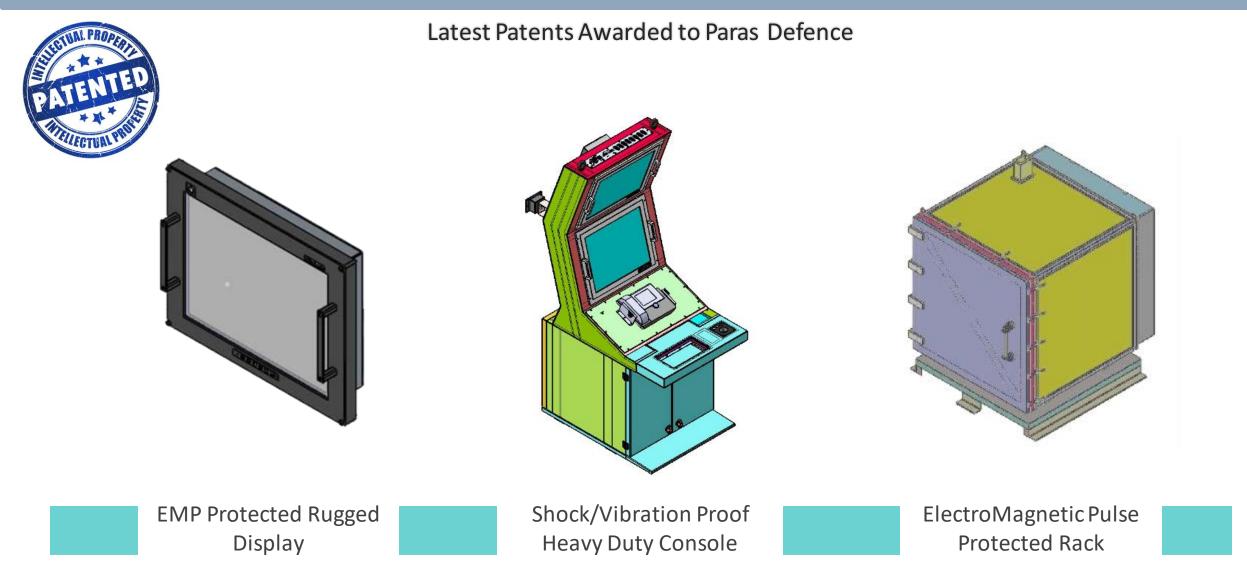


Paras

Exceptional Design & R&D Capabilities

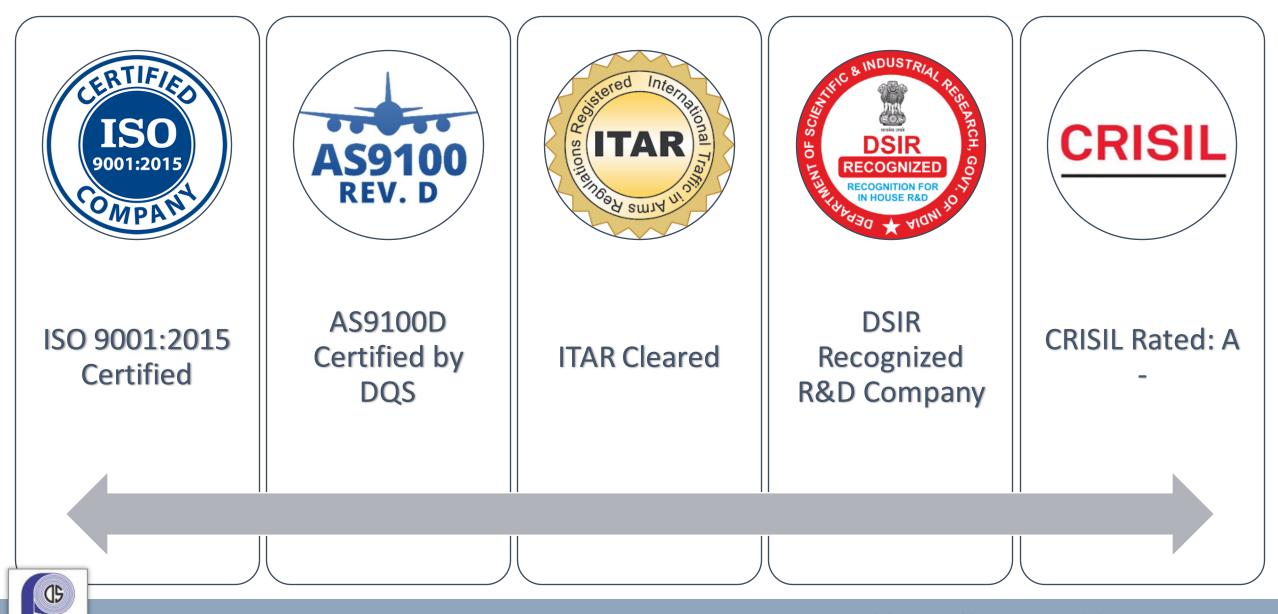






Paras

Certificates & Recognitions



Paras

Business Verticals

Optics & Optronic Defence Systems Engineering

Optronic Systems, Optical Assemblies Optical Components

Defence Electronics, EMP Protection Solutions Heavy Engineering



www.parasdefence.com | business@parasdefence.com

101

Submarine Optronic Periscope

Only Indian Private Company in the whole Asia-Pacific Region to build a Turnkey Optronic Periscope for Submarine Application



- Currently building 4 Nos. (5 more in pipeline)
- Projected requirement of 15+ for the next 3 years
- Refurbishment of 10+ Nos for old platforms for the next 2 Years
- Huge business potential for New Platforms,
 Refurbished Systems, Repairs and possibilities of
 Exports



Hyper Spectral Imaging System

Only Indian Private Company to develop and deliver Hyper Spectral Imaging Opto-Mechanical System & Working on full Camera for Defence & Space



- Only Pvt. Indian Company to develop and deliver a Hyperspectral Camera for Space (Mission to be flown before Mar' 24)
- Collaborating with 2+ Non-ISRO Missions for their Hyperspectral Payload Development
- Suitable for Space Applications

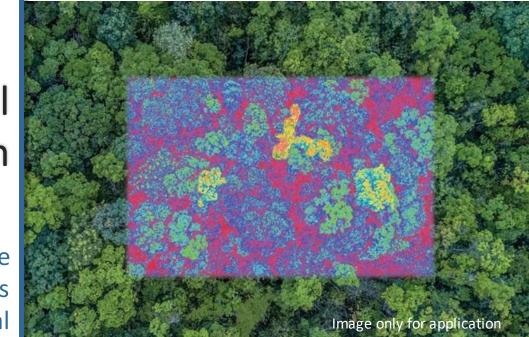




Hyper Spectral Imaging System

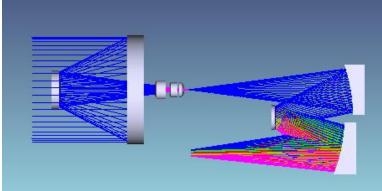
Only Indian Private Company with capabilities to Develop Hyperspectral Imaging System for Non-Space Applications

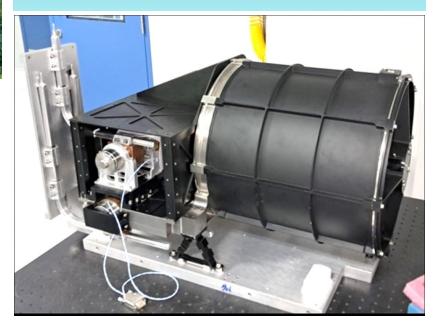




- Completely in-house designed and developed
- Hyperspectral Imaging is the future in imaging systems
- Potential requirements would be in excess of 10000+ units, for India alone
- Ground Applications such as Defence, Medical, Agricultural, Botanical, Food

Safety etc.





Red Dot Reflex Sight

India's most advanced point-and-shoot device



Optics & Optronic Systems: Products & Solutions



- Completely in-house designed and developed
- Advanced features like light weight Optics and Automated Zeroing
- Huge export requirement especially to the US
- Applications such as Defence, Security,
 - Commercial etc.



Associate Company: Controp Paras Technologies Pvt. Ltd.

JV with Controp Precision Technologies Ltd., Israel

World's leading exclusive EO/IR company



Forming a JV with world's leading exclusive EO/IR company to manufacture world class EO/IR Systems in India (Under Make In India), for various platform including Drones.

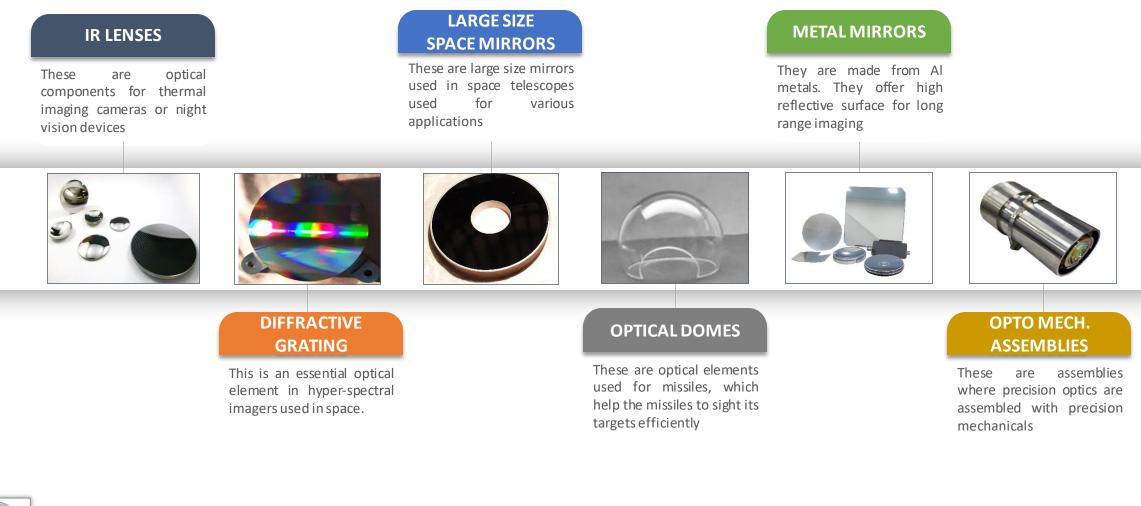


Associate Company: Controp Paras Technologies Pvt. Ltd.





India's No. 1 Company for Defence & Space Optics





Business Verticals

Optics & Optronic Defence Systems Engineering

Optronic Systems, Optical Assemblies Optical Components

Defence Electronics, EMP Protection Solutions Heavy Engineering



www.parasdefence.com | business@parasdefence.com

101

Defence Engineering: Products & Solutions

Saras MK-II

Executing Contract for Complete Glass Cockpit/Avionic Suite and Auto Pilot of Saras MK-II Program

- Partnered with the best in Business
- Huge requirement of 3 + 15 + 115 Nos in the next 5 to 7 Years
- Aim to increase indigenous content to suit Make In India
- Long Term business potential extending beyond Saras MK-II platform



Representative image of Avionic Suite/Glass Cockpit



Defence Engineering: Products & Solutions

Electro-Magnetic Pulse Protection Solutions

Only Indian Company offering Turnkey Electro-Magnetic Pulse Protection Solutions





- Completely in-house designed and developed
- Only Indian Company, opening huge business potential
- EMP is the Future Warfare and hence the protection requirements will exponentially increase year-on-year basis.









• Applications such as Defence, Security, www.parasdefence.com | business@parasdefence.com Banking, IT, Communications etc.

Remotely Controlled **Border Defence** System

High Precision Surveillance and Defence System for **Borders and Critical** Installations

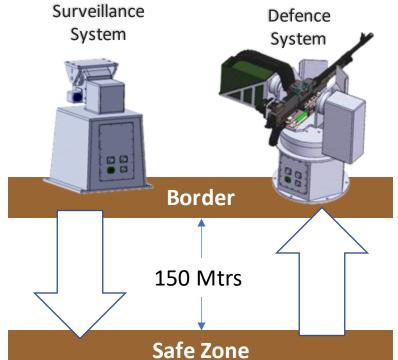


Defence Engineering: Products & Solutions



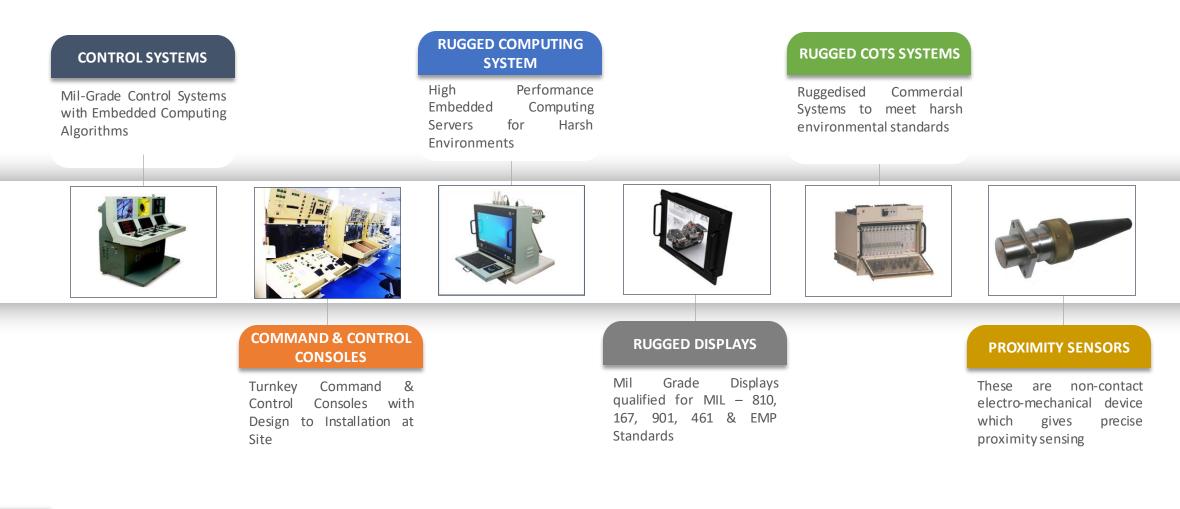
reference

- Only Company to have successfully developed a complete functional system.
- Projected requirement of 4000+ for the next 5 to 10 years
- **Export business potential**
- Suitable for Borders, Strategic Locations & Critical Installations





Defence Engineering: Products & Solutions (Electronics)





Defence Engineering: Products & Solutions (Mechanical)



Paras



Defence Engineering: Products & Solutions (EMP)

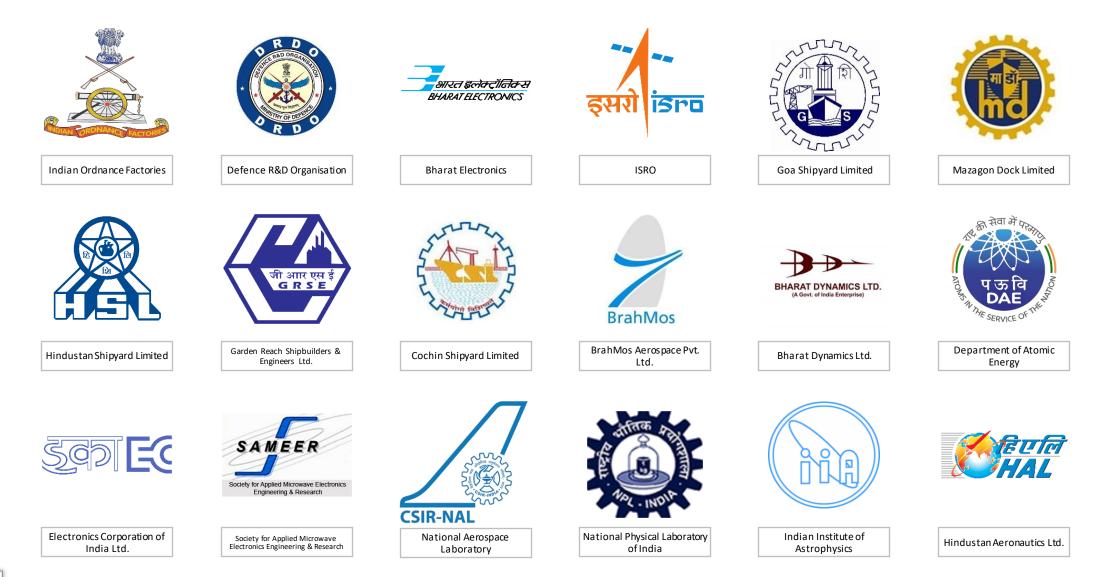




Prestigious Customers

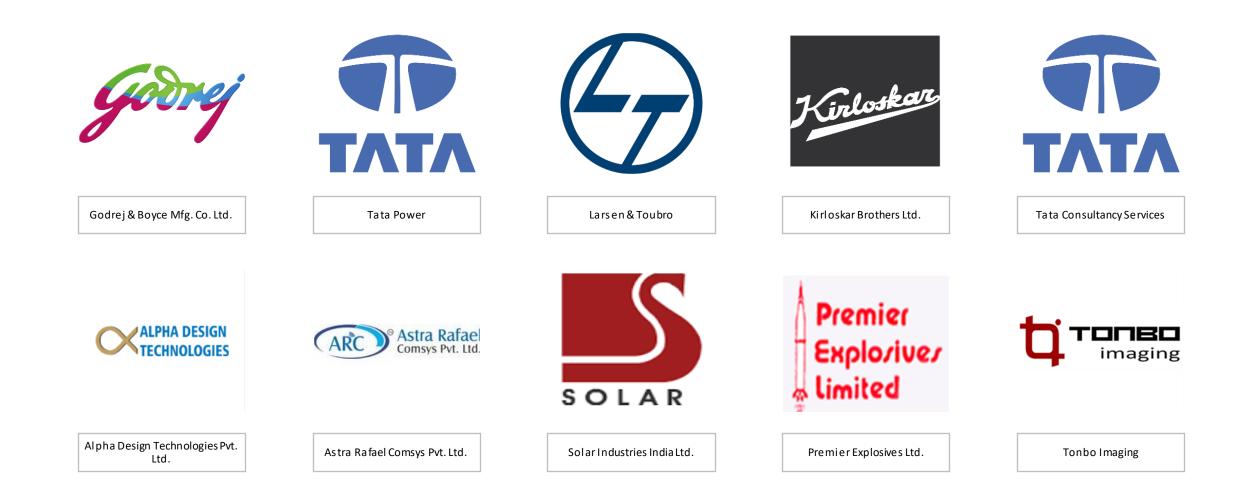


Wide Customer Base – Govt. Customers



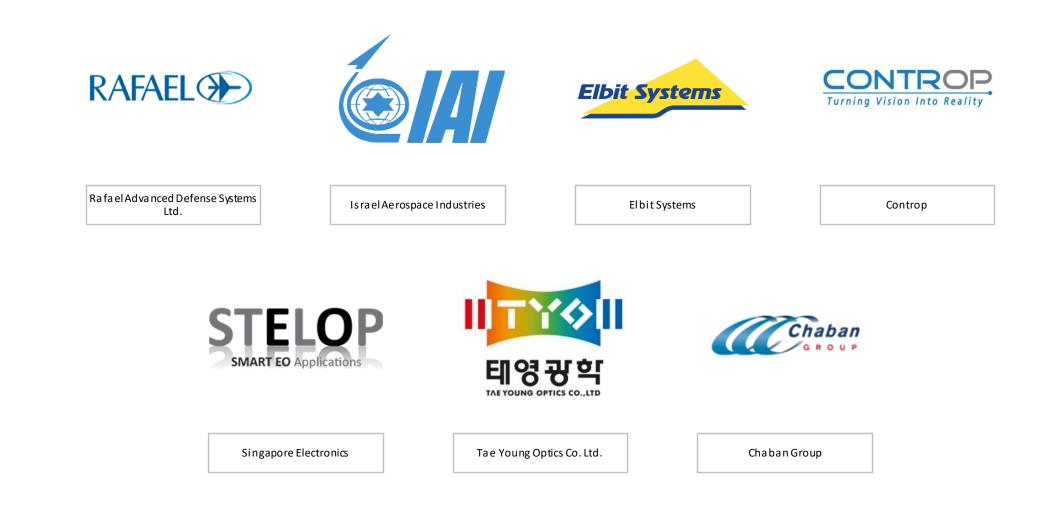


Wide Customer Base – Pvt. Customers





Wide Customer Base – International

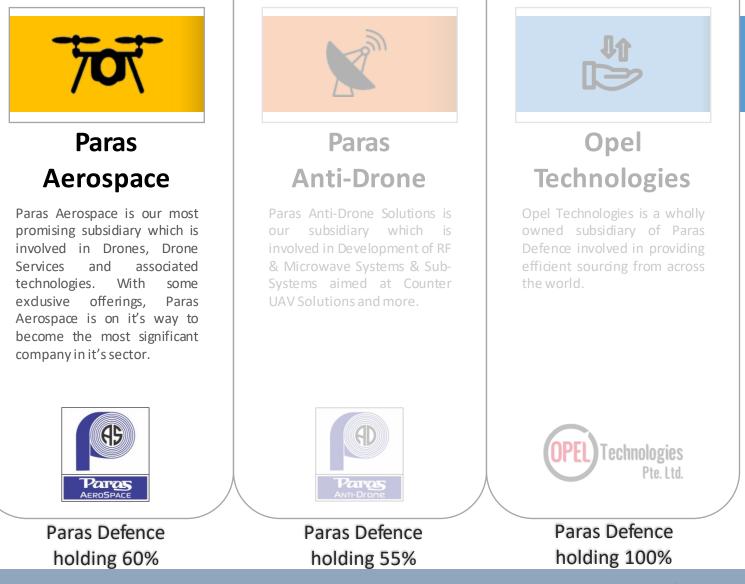




Our Main Subsidiaries



Our Subsidiaries





Paras Aerospace

India's widest range of Drone Technologies & Solutions







Certified Agri-Drone by Paras Aerospace



Paras AgriCopter

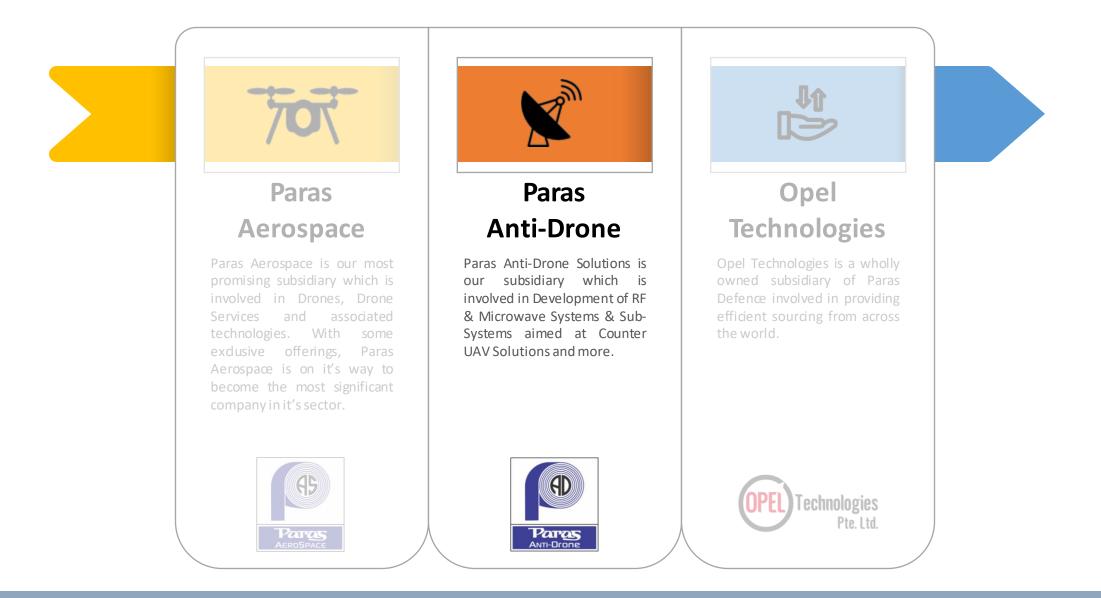
Features:

- a. Perfect Atomisation with 4-Nozzle Design
- b. Dual Antenna for High Accuracy Directional Information & Anti-Interference Capability
- c. Intelligent Autonomous Flight
- d. DGCA Certified Agri-Drone





Our Subsidiaries





Introduction to CEO of Paras Anti-Drone



Ashutosh Baheti CEO

Ashutosh Baheti is the CEO of Paras Anti-Drone and is an Entrepreneur, Technologist and Inventor working in areas of Hi-Tech Systems Development and Architecting. He has been a key member in innovation space with focus on RF, Microwave and Electromagnetics systems.

He has worked as Research Scholar at University of Manitoba. He has also worked with IMEP-LAHC, Grenoble, France. He did his Master of Science in Information and Communication Engineering with specialization in RF and Microwave systems from Technical University of Darmstadt.

He has written more than 40 patents in areas of Radar, Communication systems and 5G technologies. He has co-authored several publications and journals in very reputed institutions.



What is an Anti-Drone System?

- Complete Protection against Hostile/Spurious Drones
- Include Technologies to Sense, Detect and Identify Hostile Drones
- Implement Counter Measures by Soft Kill: Jamming, Spoofing or Hard Kill: HP Lasers or DEWs





Paras Anti-Drone: 3 Main Products





Paras ANT-Drone

Portable & Low Cost Anti-Drone System



Recent Success



ANTI-DRONE SOLUTION

Proud Moment for Paras Anti-Drone

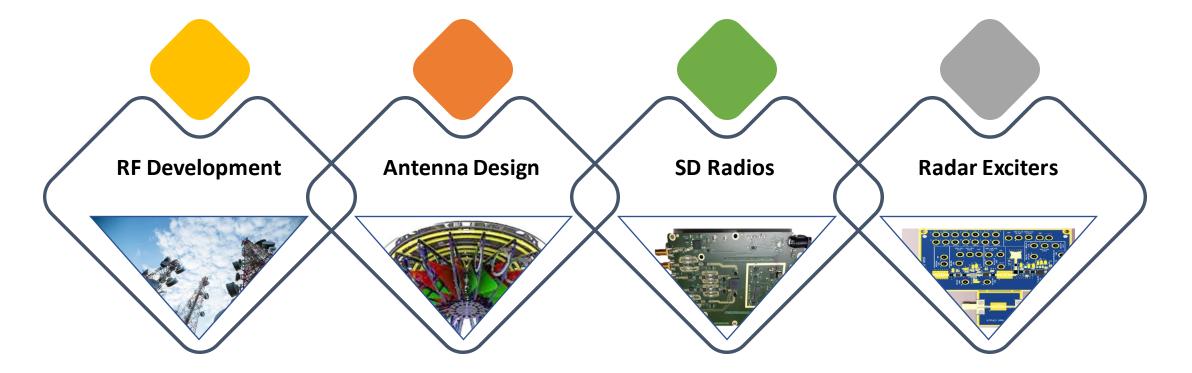
Received contract from Europe's leading Anti-Drone Company

Development Contract where Paras Anti-Drone is **developing next generation jammers** with CerbAir



Development Areas of Paras Anti-Drone







Various Applications of an Anti-Drone Solution





Critical Infrastructure



Border Protection



Mass Events like Sports etc.



VIP Protection



Maritime Protection



Military & Security Protection



Aim of Paras Anti-Drone



Paras Anti-Drone aims at becoming the No. 1 Anti-Drone Company in India by FY26-27



Business Verticals

Opportunities for Paras With High Probability



Opportunity Areas

SPACE PROGRAMS



QUANTUM TECHNOLOGIES









Complete Optical Missions for Space

High Resolution Hyperspectral Camera for ISRO, Pvt. Companies & Export

Sub-Meter Resolution Optical Camera

Optical Payloads for Oceanography

HAN XINK

Optical Payloads for Resource Management





Optical Payloads for Study of Green House Gases

Multi-Spectral Camera for Middle Earth Orbits (MEO)

LIDAR Cameras for various space applications

Opto-Mech Assy. for Space Telescope Missions

Optical Payloads for Microsats





Optical Payloads for Space Defence

Ground to Space Telescopes for Space Debris Monitoring

Space to Space Surveillance Missions

Free Space Optical Communication from Gnd to Space and Space to Space

HAN XIX

Optical Payloads for Interplanetary Missions





Quantum Technologies



Quantum Technologies



Quantum Communication Technologies

With it's technology expertise of Optics and Electronics, Paras looks at exploring Quantum Technologies such as Quantum Communication

Quantum Communication will have a huge business potential requiring secured and fast communication between two nodes. Huge Potential with Huge Value add by Paras promises to be a

potential big leap for the company.

Paras



Airborne EO/IR Systems



Airborne EO/IR Systems



Paras is collaborating with its Customers to develop an advanced EO/IR Systems for Airborne Applications



- IRST Infra-Red Search & Tracking System
- Optical Camera Systems for Combat Aircrafts
- Compact & Lightweight Cameras for High Altitude



Drones

Airborne EO/IR Systems (For Drone/UAV Applications)







Financial Overview



Consolidated Yearly Financial Performance

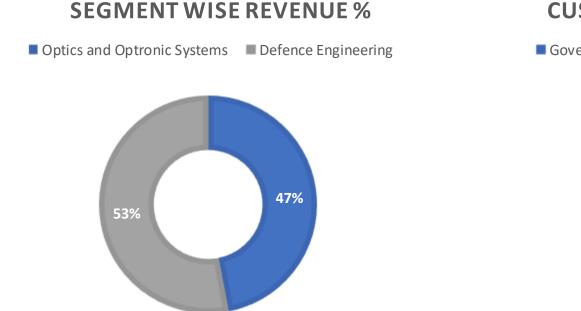


Guidance for FY24 & FY25:

We aim to grow our revenues by 30-40% and maintain or slightly better our profitability as compared to previous years.

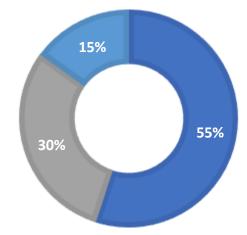


Segment & Customer Bifurcation



CUSTOMER WISE REVENUE %

Government Public & Private International





Consolidated Order Book Analysis



Closing Orderbook









Social Vision

Empowered by Women

Paras has a very high percentage of Women team members and hence rather than Women Empowerment, we are empowered by Women

Make A Difference

Paras Defence would like to positively make a difference to the social environment by offering employment.



Nuturing for Bright Future

Paras offers opportunities to young talent and is always ready to give the 'Best in the Industry' career exposure to such young talent, which is the Bright Future of our Country.

Make a Better Place

Paras Defence credits it's success to it's team and will strive to ensure conducive environment all it's team members and social stake holders.



Business Vision

BECOME GLOBAL LEADERS IN OPTICS & OPTO-MECHANICAL SYSTEMS IN THE NEXT 3 YEARS

BECOME GLOBALLY SIGNIFICANT EMP PROTECTION SOLUTIONS PROVIDER

BECOME ONE OF THE TOP 5 DRONE COMPANIES OF INDIA

BECOME NO. 1 ANTI-DRONE COMPANY OF INDIA



slón

Thank You

