



08 | 09 | 10
April 2026
Yashobhoomi, IICC, Dwarka
New Delhi, India

Supported by



Warship & Submarine
Manufacturing Expo

DMME
Defence Mobility
Manufacturing Expo

SAME
Small Arms
Manufacturing Expo

2nd Edition
DRONE
MANUFACTURING EXPO

India's Premier
Aerospace & Defence
Manufacturing Supply Chain &
Sub-Contracting Expo..

250+
Exhibitors

100+
International Buyers

95+
Product Categories

10K+
Trade Visitors



— Organised by —



Indian Aerospace & Defence Industry Overview

India's aerospace and defence sector is among the largest in the world, driven by modernization, strategic initiatives, and strong international collaborations. The industry spans aviation, space exploration, military equipment, & advanced technologies, with the "Make in India" and "Atmanirbhar Bharat" initiatives supporting local production, R&D, and export growth. The Indian aerospace and defence market is projected to reach approximately USD 70 billion by 2030, driven by increasing demand for advanced infrastructure and government support. Future growth in aerospace and defence manufacturing will be shaped by effective governance, advancing military equipment, spacecraft, and both commercial and private aircraft production.

5 Reasons to Exhibit

- ✓ An exclusive platform to meet greet & transact business with defence & aerospace manufacturers
- ✓ Identify demand trends in aerospace and defence for input material
- ✓ Understand the best way to transact business with aerospace & defence players
- ✓ Gain Access to Industry Leaders from aerospace & defence sector
- ✓ Induce trials of your products and attract long term business

5 Reasons to Visit

- ✓ Identify suppliers of raw material, components, assemblies
- ✓ Understand the innovations in supplier market upgrade your products
- ✓ Strengthen your supply chain & mitigate potential risks by expanding vendor base
- ✓ Reduce your sourcing cost whilst improving your product quality
- ✓ Benchmark your existing materials, suppliers with alternate sources

Why Delhi..?

Delhi has for long firmly been entrenched as the headquarters of Indian defence forces and some critical decision making around manufacturing, acquisitions, upgradations in aerospace & defence sector happen in the capital city of the country. In addition to this many an SME enterprise and some very important defence manufacturing enterprise including but not limited to DPSU's, OFB's and private domestic and international manufacturers have a strong base in northern India. Delhi is also home to main offices of organizations like Defence Research And Development Organization (DRDO), Bharat Electronics Limited (BEL) & Hindustan Aeronautics Limited (HAL) and multiple R&D labs, Ministry of Defence, Ministry of MSME, Ministry of Heavy Industry etc which presents the ideal eco-system that an event like AeroDef Manufacturing would need.



Exhibitor Profile

Design Engineering & It Solutions

- Aircraft & Subsystem Design
- Avionics
- Critical Components Design
- Product Development
- Software & Stimulations
- Measurement, Inspection & Analysis
- IT Solutions
- Design & Simulation
- 3D Printing
- Rapid Prototypes

Electronics Components

- Connectors
- Harnessing Accessories & Identification
- High Performance Relays & Contractors
- Rugged Fiber Optics & Cable Assemblies
- Wire & Cables
- Termination Devices, Splices & Crimp
- Aircraft Wiring
- Actuation
- Power Distribution Assemblies
- RF & Microwave Components

Maintenance Repair & Overhaul (MRO)

- IT Solution Providers
- Tools Manufacturer
- Airport Equipment's & Services
- Hardware
- Lightning
- Hydraulics & Pneumatics
- Parts Distributors
- Fuel & Lubricants
- Cleaning

Engineering & Process

- Metal Casting & Forging
- Foundry & Forging
- CNC Controls & Machineries
- Laser Cutting
- Finishing & Coating
- Contract Manufacturing
- Surface Treatment & Cleaning Equipment's
- Aerospace & Defence Fasteners & Tools
- Fasteners, Bearings & Standard Parts
- Cutting & Welding

Component Manufacturer & Suppliers

- Aero Structure Components
- Airframe Manufacturer
- Aircraft Engines
- Avionics & Flight Systems Components
- Wings & Landing Gear Assembly
- Wheels, Brakes & Landing Gear
- Hydraulic Systems
- Missile Casing & Launchers
- Pneumatics
- Air Compressor

Other Tools & Suppliers

- High Performance Fabrics | → Glass
- Aviation Oils & Lubricants
- After Market - Spare, Parts & Services
- Safety Related Equipment's
- Rubber Components
- Protection & Armoring

Raw Material

- Advanced Materials
- Steel, Titanium & its Alloys
- Sheet Metal Components
- Additive Manufacturing | → Composites

Key Visitors

- Aditya Birla Group
- Aeronautical Development Agency
- Airbus
- All Russia Public Organization
- Antrix Corp
- Balmer Lawrie & Co Ltd
- BDL
- Bharat Electronics Limited (BEL)
- Bharat Forge Limited
- Boeing
- Brahmos
- Defence & Research Development Organization (DRDO)
- Epsilon Engineering Pvt Ltd
- Goa Shipyard Limited
- Goderj Aerospace
- Hindustan Aeronautics Limited (HAL)
- IBM Technologies
- Indian Armed Force
- Indian Space Research Organization (ISRO)
- JSW Steel
- Kalyani Group
- L&T Heavy Engineering
- Mahindra & Mahindra Group
- Mazagon Dock Limited
- Midhani
- Nuclear Fuel Complex
- Ordnance Factory Board
- PPG Aerospace
- Reliance Aerospace
- Reliance Defence
- Tata Advance
- TCS
- Tech Mahindra
- Toshiba
- Wipro

Visitor Companies

- Private Sector Defence
- Manufacturers
- Public Sector Defence Units
- International OEM's
- Ordnance Factories
- Naval Dockyards
- Research Labs
- Aerospace Research Centres

Conference Agenda Day-1

Session Session Focus

0800 Registration & Coffee

0925 Welcome Remarks by Conference Chair: *Maj Gen Bimlendu Mohapatra*

0930 – 1100 Inaugural Session: Policy & Strategy for India's Vision 2047

- Atmanirbhar Bharat in Defence & Aerospace: Achievements, gaps, & roadmap to 2030
- Defence Corridors (UP & Tamil Nadu): Building competitive Clusters for global Supply chains
- Defence Exports: Strategies to make India a global hub for Aerospace & Defence equipment
- PPP Models in Defence Production: Strengthening collaboration Between DPSUs, private sector & MSMEs
- Streamlining Certification, Quality, and Testing Infrastructure for Aerospace Manufacturing

1100 – 1130 Enhancing India's Domestic Propulsion Systems and Aero-Engine Manufacturing

The government has made aero-engine development a strategic priority, emphasizing co-development and co-production with global OEMs. It is also focused on building competencies in materials, testing (including high-altitude facilities), certification, and skills. Additionally, achieving greater scale, technology transfer, and robust supply chains is necessary.

1130 – 1145 Refreshment Break

1145 – 1215 Electronics, Avionics, EW & Radar Systems: Building indigenous capability for mission-critical systems

Capability goals are rising in radars, electronic warfare, communication, and mission systems. BEL and DRDO are expanding radars, T/R modules, and EW gear. Supply chains for high precision electronics, ruggedization, component availability, testing facilities, and export certification remain complex.

1215 – 1245 UAVs & Counter-UAV Systems: Scaling drone manufacturing for defence and homeland security

There is increasing demand for surveillance, border security, and coastal monitoring. India plans to set up new manufacturing facilities, such as a MALE drone plant in Mihan. The country is also focusing on counter-drone systems, improving regulations, managing airspace, developing local sensors and payloads, exploring exports, and integrating with command-and-control systems.

1245 – 1315 AMCA, LCA Mk2 & Future Fighter Aircraft: Manufacturing readiness & technology ecosystems

Development of the Advanced Medium Combat Aircraft (AMCA) is progressing through indigenous design efforts involving HAL, private firms, and DPSUs. The program requires high-thrust engines, advanced stealth materials, avionics, and radar systems to reduce reliance on imports. Emphasis is placed on certification, reliability, and managing extended R&D timelines.

1315 – 1400 Networking & Lunch

1400 – 1430 Next-Gen Helicopters, Transport & Utility Aircraft: Opportunities in assembly, sub-systems & MRO

Key opportunities in the next-generation helicopter, transport, and utility aircraft market are emerging in assembly, sub-systems, and Maintenance, Repair, and Overhaul (MRO), driven by technological innovations and demand for more efficient and sustainable aircraft. The market is shaped by a rise in defense spending, increased air passenger traffic, and a push for cleaner propulsion technologies, such as electric and hydrogen power.

1430 – 1500 Space & Defence Convergence: Dual-use technologies and opportunities for private sector

The convergence of the space and defense sectors is increasingly driven by dual-use technologies—innovations serving both military and commercial purposes. The private sector, with its ability to accelerate development and reduce costs, is playing a critical role in this trend, offering both new capabilities to defense agencies and commercial applications to the public.

Conference Agenda Day-1

1500 – 1530 Materials & Composites for Future Aircraft & Defence Systems

Future aircraft and defence systems will rely on advanced composites like carbon fiber, ceramic matrix composites, and graphene, along with materials like titanium and advanced aluminum-lithium alloys to create lighter, stronger, and more durable structures. These materials enhance performance through improved strength-to-weight ratios, offer superior thermal and electromagnetic properties, and enable new functionalities such as self-repairing capabilities and advanced armor.

1530 – 1600 Green Propulsion, Alternative Fuels & Eco-friendly Materials in Aerospace Manufacturing

Green propulsion in aerospace manufacturing involves using sustainable alternatives to conventional fossil fuels, such as biofuels, hydrogen fuel cells, and electric propulsion to reduce emissions. In manufacturing, this extends to eco-friendly materials and processes, with a goal to lower the industry's environmental footprint and meet growing environmental concerns and regulations.

1600 – 1615 Refreshment Break

1615 – 1645 AI, Digital Twins, and Industry 4.0 in Defence Manufacturing

In defence manufacturing, Industry 4.0 principles are applied through AI and Digital Twins to create smart, interconnected systems that enhance design, production, & maintenance of complex military assets. Digital Twins serve as virtual replicas for design, simulation, & predictive maintenance, while AI provides real-time analytics & automation to optimize processes, reduce costs, & expedite production cycle

1645 – 1715 Digitalisation for Lean & Sustainable Defence Factories

Digitalization creates lean, sustainable defense factories by integrating advanced technologies to optimize production, minimize waste, and increase operational efficiency Technologies like IIoT, AI, and digital twins enhance existing lean manufacturing principles. For the defense sector, this transformation also builds resilience, ensures quality, and addresses security needs

1715 – 1745 Defence & Aerospace R&D Infrastructure: Accelerating innovation in India

1745 Concluding Remarks & End of Day 1

Conference Agenda Day-2

Session	Session Focus
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0800	Registration & Coffee
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0925	Welcome Remarks by Conference Chair: <i>Maj Gen Bimlendu Mohapatra</i>
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0930 – 1000	Electronic Warfare Equipment & Systems Manufacturing Opportunities for India
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Opportunities in India's electronic warfare (EW) market are strong, driven by a focus on advanced capabilities like Cyber-Electromagnetic Activities (CEMA), directed energy weapons (DEWs), and integrated multi-domain EW systems. Key areas for opportunity include the design and production of radars, jammers, communication systems, signal processing platforms (FPGAs, GPUs, ASICs), and specialized software for spectrum analysis and AI-driven anomaly detection.

1000 – 1030	Missile Systems Manufacturing Opportunities in India
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Missile manufacturing in India presents significant opportunities driven by private sector opening and the nation's push for self-reliance and advanced weaponry like hypersonic systems and Unmanned Aerial Vehicles (UAVs). Opportunities exist for component manufacturers, system integrators, and technology providers in hypersonic missiles, next-generation surface-to-air missiles (SAMs), and drone integration

1030 -1100	Armoured Vehicles Manufacturing Opportunities in India
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India's armoured vehicle manufacturing offers opportunities for indigenous companies to produce next-generation armoured vehicles, including the WhAP, by leveraging the "Make in India" and "Atmanirbhar Bharat" (Self-Reliant India) initiatives, which prioritize domestic design, development, and manufacturing

Conference Agenda Day-2

1100 -1130	Global OEM Partnerships: Technology transfer & co-production models
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India promotes global Original Equipment Manufacturer (OEM) partnerships through its Strategic Partnership Model and Offset Guidelines, fostering technology transfer (ToT) and co-production to build domestic capabilities and self-reliance in defense manufacturing. These initiatives encourage joint ventures and other collaborations for licensed production, co-development, and supply chain integration.

1130 – 1145	Refreshment Break
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1145 -1215	Can Quantum computing enable the next Big Leap for Indian defence manufacturing
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Quantum computing's role in Indian defence manufacturing includes improving strategic planning through large-scale simulations, optimizing logistics and supply chains, enhancing secure communications and cryptography, aiding in the design of advanced weapon systems, and driving breakthroughs in military hardware and AI through materials science

1215 -1245	Developing Deep Electronics Capabilities for Next Gen Defence
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Deep electronics play a fundamental role in India's defence manufacturing, transforming military capabilities from traditional hardware-centric models to sophisticated, technology-driven systems.

1245 -1315	Leveraging AI Applications to Enhance Efficiencies in Defence Manufacturing
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AI in Indian defense manufacturing enhances precision, efficiency, and safety by enabling robotic automation for complex assembly, facilitating predictive maintenance for equipment readiness, and optimizing the production of sophisticated systems like drones and arms. It also plays a critical role in cybersecurity and logistics, helping to process vast amounts of data for improved decision-making and secure operations.

1315 -1400	Networking Lunch
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1400 -1430	Artillery Systems Manufacturing Opportunities for Indian Industry
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India is significantly advancing its artillery manufacturing, with key platforms including the indigenous Dhanush and Advanced Towed Artillery Gun System (ATAGS) howitzers, and the K9 Vajra-T self-propelled gun.

1430 -1500	New Gen Technologies that help Enhance Electronic Warfare & C4ISR Capabilities
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1500 -1530	How Can MSME's Benefit from the Precision Guided Munitions Manufacturing Opportunities in India
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1530 – 1600	Infantry Modernisation: The Untapped Opportunities for MSME's
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1600 -1615	Refreshment Break
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1615 -1645	Building Export Competitiveness: Meeting global quality & compliance standards
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1645 -1715	Developing MRO as a Global Hub: Civil & military aviation opportunities
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1715 - 1745	Building Skilled Workforce for Aerospace & Defence Industries
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1745	Concluding Remarks & End of Conference
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Building the Future of Naval Power Through Innovation, Engineering & Collaboration.

Shaping India's Naval Power Future

A Strategic Platform Where Navies, Shipbuilders, OEMs, MSMEs, Startups, & Policymakers Converge to Drive The Future of Warship & Submarine Design, Manufacturing & Lifecycle Support.

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Why Now >>>

- India's Naval Modernisation is accelerating under Atmanirbhar Bharat, with blue-water ambitions & expanding maritime security needs.
- Naval capital acquisition projected at USD 70–90B over 20 years (aircraft carriers, destroyers, frigates, submarines, auxiliaries, unmanned platforms).
- Sector challenges: long development cycles, technology gaps (propulsion, materials, sensors), limited visibility for MSMEs and new private players.
- WSSME acts as a Strategic Bridge for industry, navy, DPSUs, OEMs, Tier-1 suppliers, and startups to collaborate, showcase capabilities, and enable indigenisation & export readiness.



Hull, Structures & Marine Materials

Naval steel, aluminium & titanium alloys, composites, anti-corrosion coatings.



Propulsion & Power Systems

Diesel, gas turbines, AIP, hybrid propulsion, energy storage.



Combat Systems & Mission Equipment

CMS, VLS, torpedoes, missiles, naval guns, sensors, sonar, radar.



Electronics, Communication & Cyber

Navigation Systems, SATCOM, Secure EW & cybersecurity.



Acoustic, Signature & Stealth Technologies

Noise reduction, vibration isolation, radar & IR suppression.



Shipyard & Manufacturing Tech

Modular shipbuilding, robotic welding, CNC machining, additive mfg.



Submarine-Specific Systems

Pressure hulls, life-support, ballast & trim, escape & rescue systems.



Marine Auxiliaries & Crew Systems

HVAC, firefighting, desalination, shock-proof furniture.



Digital Design & Lifecycle Support

CAD/CAE, CFD, digital twins, predictive maintenance.



MSMEs & Startups

Indigenous components, AI & robotics, materials, electronics, JV & offset partners.

Who Should Attend

- Government & Armed Forces:** Indian Navy, Coast Guard, Flag Officers, MoD, DGQA, DRDO Labs.
- Shipbuilders & OEMs:** MDL, GRSE, CSL, HSL, GSL, L&T, Adani Defence, Global Naval OEMs.
- Suppliers & Tier-1/2/3 MSMEs:** Precision Machining, Propulsion, Electronics, Composites, Coatings.
- Investors & Strategic Partners:** PE/VC Funds, Family Offices, Shipyard Investors.
- R&D & Academia:** IITs, IISc, NIOT, Naval Engineering Colleges, iDEX & TDF Innovation Hubs.
- International Delegations & Media:** Friendly Navies, Defence Attachés, Maritime Journalists.

Top 5 Benefits

Exhibiting

- Direct access to strategic buyers & program owners
- Position as a qualified supplier in high-value naval platforms
- Partnership & JV opportunities with shipyards & OEMs
- Insights into future naval programs & technology roadmaps
- Brand visibility in a high-barrier, long-cycle industry

Visiting

- Access India's maritime defence ecosystem
- Visibility into upcoming programs & tech roadmaps
- Identify high-value partnerships & supply chain opportunities
- Learn from global best practices & innovations
- Strategic networking & business development

SmallArms

Manufacturing Expo»»

A National Platform Advancing Atmanirbhar Bharat in Small Arms & Ammunition Mfg.

India's Platform for Indigenous Small Arms Innovation

A Dedicated Platform Connecting **Armed Forces, CAPFs, OEMs, MSMEs, Startups, Policymakers, & Global Partners** to Accelerate **Make in India** Initiatives in **Small Arms Mfg.**

Why Now»»

India is one of the **World's Largest Consumers of Small Arms**, with Demand from **Armed Forces, CAPFs, & State Police.**

- 01** Market Projected at **USD 6-8 Billion** Over The Next Decade
- 02** Opportunities for **Private Sector, Startups, & Tier-2/3 Suppliers**
- 03** Growth Driven by **Modernisation, Indigenisation, Atmanirbhar Bharat Policies, & OFB Corporatisation**

Challenge: Access to Technology, Testing Infrastructure, Supply-chain Localisation, Quality Assurance, & Export Readiness.

Expo Advantage



Direct Engagement with **End Users, Policymakers & Industry**



Technology Transfer & **Tiered Supplier Integration**



Standardisation, Quality Benchmarking, & **Export Positioning**



One-stop Ecosystem for **Weapons, Components, Machinery & Ammunition**

Exhibitor Focus Areas

Core Weapon Platforms: Assault Rifles, Carbines, Battle Rifles, SMGs, Pistols, Shotguns, F-INSAS Aligned Systems

Ammunition & Ballistics: Small-calibre Ammo, Cartridge Cases, Primers, Bullets, Training Rounds, Ballistic Testing

Components & Materials: Barrels, Receivers, Triggers, Gas Systems, Magazines, Suppressors, Alloy Steels, Polymers, Coatings

Optics & Fire Control: Iron Sights, Scopes, Night Vision, Laser Modules, Smart Fire-control Systems

Manufacturing & Testing: CNC Machining, Barrel Forging, MIM, 3D Printing, Heat Treatment, QA & Certification

Smart & Future Tech: AI-assisted Targeting, Digital Twins Predictive Maintenance, Lifecycle Management

Who Should Attend.?

- Armed Forces & CAPFs:** Army, Navy, Air Force, MARCOS, Garud Commandos, Special Units
- Government & Policy:** MoD, MHA, DDP, DRDO, Ordnance Factories, State Procurement Bodies
- Defence OEMs & Integrators:** Weapon & Ammo Mfg, System Integrators, Sight/optic Companies
- Suppliers & Startups:** Tier-1/2/3 Component Mfg, MSMEs, iDEX Startups
- Investors & Strategic Partners:** Defence PE/VC Funds, Export & Offset Stakeholders
- Testing, Academia & R&D:** Ballistics Labs, DRDO Institutions, Certification & QA Bodies



Why Exhibit»»

- Direct Access to Key Buyers
- Showcase Indigenous Capabilities
- Engage OEMs & Global Partners
- Unlock Export & Offset Opportunities
- Product Validation & Industry Visibility

Why Visit»»

- Complete Small Arms Ecosystem
- Evaluate Indigenous Alternatives
- Stay Ahead of Procurement Trends
- Network with Decision-makers
- Explore Technology & Policy Insights



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Transforming India's Defence Mobility Through **Innovation,** **Integration** & Collaboration.

Driving India's Military Mobility Future

Where India Designs, Builds, and Deploys
Next-generation Defence Mobility Solutions. A
 Focused Platform Connecting **Armed Forces, DPSUs,**
OEMs, MSMEs, Startups, Policymakers, and Global
Partners to Accelerate Indigenous Defence Mobility
 Under **Make in India**



Why Now

India's Defence Mobility Sector - Covering Armoured Vehicles, Tactical Mobility, Artillery Carriers, UGVs, & Battlefield Logistics - is Entering a High-growth Phase, Driven by:

- **Rising Defence Budgets**
- **Atmanirbhar Bharat Initiatives**
- **Growing Requirements of Armed Forces & CAPFs**

Market Outlook: USD 100-120 Billion, Making Mobility Platforms One of The Fastest-growing Procurement Segments.

Expo Advantage

Direct Access to Users, Industry & Policymakers

Align with Live Procurement & Modernisation Programs

Accelerate Partnerships, Reduce Entry Risk, Deliver Results

Outcome: Turning Policy into Deployable Defence Solutions.

Exhibitor Focus Areas Input Martial, Components, Technologies for:

Armoured & Tactical Vehicles

Artillery, Missile & Weapon Carriers

Unmanned & Autonomous Ground Vehicles

Powertrain, Armour, Electric & Vetrionics

Manufacturing, Testing & Lifecycle Support

Startup & Innovation Zone

Who Should Attend

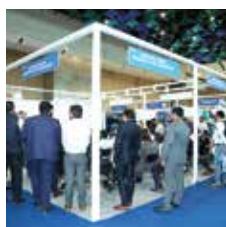
- Armed Forces, CAPFs & DRDO
- Defence OEMs, DPSUs & Integrators
- Tier-1 / Tier-2 Suppliers & MSMEs
- Policymakers, Investors & Defence Corridors
- MROs, Academia & Think Tanks

Why Exhibit

- Connect with uniformed decision-makers
- Showcase indigenous capability
- Engage OEMs & global partners
- Full value chain visibility
- Faster business qualification

Why Visit

- Explore complete defence mobility ecosystem
- Discover next-gen technologies
- Streamline procurement & sourcing
- Gain policy & program insights
- Build high-value strategic networks



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