

Centre for Aerospace  
Power & Strategic Studies

INDIAN MILITARY REVIEW  
**IMR**

# SURVEILLANCE, C4I2 AND ELECTRO-OPTICS

18 August 2026  
Air Force Auditorium, New Delhi



## Surveillance Systems

- Aerial, maritime, terrestrial, and space-based surveillance platforms
- SIGINT, IMINT, GEOINT, acoustic, seismic, and CBRN monitoring
- UAVs, swarm drones, persistent surveillance, and counter-surveillance systems

## C4I2 and Netcentric Operations

- Joint command and control systems
- Secure communications (satellite links, SDRs, portable systems)
- Cloud computing, edge technologies, and real-time data analytics
- Data fusion platforms, mission planning tools, and battle management systems

- Cyber situational awareness and resilience against jamming/cyberattacks

## Electro-Optics and Emerging Technologies

- Thermal imaging, night vision, multispectral targeting, and laser designation
- EO-guided weapons and fire control systems
- Anti-drone EO solutions and terrain mapping (LIDAR)
- Pilot vision enhancement (DAS), optical jamming, and camouflage detection
- AI-driven EO systems for automatic target recognition
- VR/AR training solutions, wearable soldier tech, and blockchain-enabled logistics



**S**urveillance, C4I2 and Electro-optics 2026 seminar and exhibition is being organized by the Centre for Aerospace Power & Strategic Studies (CAPSS) and Indian Military Review (IMR) at the Air Force Auditorium, New Delhi on 18 Aug 2026.

Modern warfare is increasingly defined by information superiority, networked operations, and precision engagement. The integration of surveillance systems, C4I2 (Command, Control, Communications, Computers, Intelligence, and Information), and advanced electro-optics enables agile, dynamic forces to act with speed, accuracy, and resilience.

- Surveillance systems across air, land, sea, space, and cyber domains provide persistent situational awareness and intelligence.
- C4I2 architectures fuse real-time data, secure communications, and decision-support tools to accelerate command cycles and enhance jointness.
- Electro-optics technologies deliver precision targeting, navigation, and reconnaissance capabilities, empowering forces to operate effectively in complex environments.

Together, these domains form the backbone of netcentric warfare, multiplying combat effectiveness and survivability in the modern battlespace.

### Objectives

The primary objectives of the seminar are to:

- **Review Latest Advancements.** Provide a detailed overview of the cutting-edge technologies and innovations in the field of military surveillance and electro-optics.
- **Facilitate Collaboration.** Bring together armed forces and the defense industry to facilitate meaningful discussions, enabling them to better understand each other's requirements and capabilities.
- **Knowledge Exchange.** Foster a platform for knowledge exchange, where participants can share experiences, best practices, and lessons learned.

- **Showcase Capabilities.** Highlight the latest developments and capabilities by industry.

### Seminar Structure

The seminar will be organized into three key segments, each focusing on a specific aspect of military surveillance and electro-optics.

#### Session 2 – Surveillance Across Domains

- Aerial & Space-Based Surveillance: UAVs, satellites, GEOINT, persistent surveillance platforms
- Terrestrial, Maritime & Underwater Surveillance: ground sensors, acoustic/seismic monitoring, maritime ISR
- Emerging Surveillance Technologies: swarm drones, CBRN monitoring, counter-surveillance

CBRN monitoring, counter-surveillance

#### Session 3 – C4I2 Systems and Netcentric Operations

- Building the Backbone of Modern Warfare: innovations in joint command and control
- AI Integration in C4I2: predictive analytics, autonomous decision support
- Interoperability Challenges: achieving seamless connectivity across services

- Cloud & Edge Technologies: enabling real-time battlefield operations

#### Session 4 – Electro-Optics for Targeting and Engagement

- EO Systems in Modern Combat: thermal imaging, night vision, multispectral targeting
- Precision Engagement: laser designation, EO-guided weapons, fire control systems
- EO in Counter-Drone & Missile Defense: detection, tracking, and neutralization
- AI-Enhanced EO Applications: automatic target recognition, threat prioritization.

The seminar on Military Surveillance & Electro-optics aims to be a catalyst for progress in the field, fostering collaboration and innovation among key stakeholders. By bringing together the armed forces, defence industry, and research community, the event will contribute to the advancement of technologies that play a critical role in ensuring the conduct of successful operations.





# SURVEILLANCE, C4I2 & ELECTRO-OPTICS

## Seminar Programme – Tuesday, 18 Aug 2026

0830 - 0930 hrs	Welcome Tea
<b>SESSION 1 – INAUGURAL SESSION (0930 – 1045 hrs)</b>	
Welcome Address	Director General, Centre for Aerospace Power and Strategic Studies.
Inaugural Address	<b>Air Marshal Ashutosh Dixit</b> , PVSM, AVSM, VM, VSM, Chief of Integrated Defence Staff to Chairman COSC
Keynote Address	<b>Lt Gen Vipul Singhal</b> , AVSM, SM, Deputy Chief of Army Staff (Information Systems & Training), Army HQ
Special Address	<b>Vice Adm AN Pramod</b> , AVSM, YSM, Director General Naval Operations, Naval HQ
Industry Perspective	Sponsor's Presentation.
Release of Report	EY-IMR Knowledge Paper on Surveillance & Electro-optic Devices
1045 – 1115 hrs	Refreshments & exhibition.
<b>SESSION 2 – SURVEILLANCE ACROSS DOMAINS (1115 – 1340 hrs)</b>	
Chairperson: <b>Air Vice Marshal Pawan Kumar, VM</b> Head Defence Space Agency, HQ IDS	
1115 – 1130 hrs	Introduction and Opening Remarks by the Chairman.
1130 – 1145 hrs	Integration of Aerial & Space-Based Surveillance: UAVs, Satellites, GEOINT, and Persistent Surveillance Platforms. <b>Air Vice Mshl Ashok Raj Thakur</b> , VM, Asst Chief of Air Staff Ops (Air Defence)
1145 – 1200 hrs	Emerging Terrestrial Surveillance Technologies, <b>Speaker from Directorate of Artillery, Army HQ</b>
1200 – 1215 hrs	Challenges in Persistent Maritime Surveillance. <b>Speaker from Asst Chief of Naval Staff (Air)</b> , Naval HQ.
1215 – 1230 hrs	Industry presentation.
1230 – 1245 hrs	Industry presentation.
1245 – 1300 hrs	Industry presentation.
1300 – 1315 hrs	Industry presentation.
1315 – 1340 hrs	Q&A/ discussion.
1340 – 1430 hrs	Lunch & exhibition
<b>SESSION 3 – C4I2 SYSTEMS AND NETCENTRIC OPERATIONS (1430– 1550 hrs)</b>	
Chairperson: <b>Asst Chief of Naval Staff (Communications, Space &amp; Network Centric Ops)</b> . Naval HQ	
1430 – 1445 hrs	Introduction and Opening Remarks by the Chairman.
1445 – 1500 hrs	Building a common operating picture for the three Services. <b>Speaker from Ops Branch, HQ Integrated Defence Staff</b>
1500 – 1515 hrs	Building blocks of C4ISR in the IAF. <b>Speaker from Dte of C4ISR, Air HQ</b>
1515 – 1530 hrs	Battlefield Management System of the Indian Army. <b>Speaker from DG Information Systems, Army HQ</b>
1530 – 1545 hrs	Q&A/ Discussion.
<b>SESSION 4 – ELECTRO-OPTICS FOR TARGET ACQUISITION AND ENGAGEMENT (1545 – 1700 hrs)</b>	
Chairperson: <b>Air Vice Marshal Ashish Singh</b> , VM, VSM, ACAS Ops (Remote), Air HQ	
1545 – 1600 hrs	Introduction and Opening Remarks by the Chairman.
1600 – 1615 hrs	Electro-Optical system for target detection (for DEW System). <b>Speaker from IRDE, DRDO</b>
1615 – 1630 hrs	AI-based “visual brain” IFF system. <b>Speaker from CABS, DRDO.</b>
1630 – 1645 hrs	Q&A/ Discussion.
1645 – 1655 hrs	Closing Address. Director General, Centre for Aerospace Power and Strategic Studies.
1655 – 1700 hrs	Vote of Thanks. <b>Maj Gen Ravi Arora</b> , Retd, Chief Editor Indian Military Review.
1700 hrs	Refreshments and close.
<b>PARALLEL PROGRAMME - B2G MEETINGS (Conference Room, AF Auditorium)</b>	
1445 - 1630 hrs	B2G meetings (For sponsors and exhibitors).

# Promotional Rate Card

## DELEGATE PASS

FULL ACCESS TO THE EVENT  
(TRANSFERABLE)

~~Rs 5,900~~  
**Rs 5,900**

1. Attending all sessions
  2. Visit exhibition booths.
  3. Interacting with sponsors, exhibitors, speakers & delegates
  4. All refreshments and lunch
  5. Video link of proceedings.
- Transferable and refundable 48 hrs before the event.

## PLATINUM SPONSOR

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SPEAKING SLOT AND BRANDING

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**Rs 4,72,000** ✓

1. Furnished octonorm booth 6X2m.
  2. One speaking slot of 15 mins.
  3. Ten pre-scheduled B2G buisness meetings
  4. Full-page (600 words) Company profile in Event Guide.
  5. Full-Page Advt in Event Guide
  6. Company Logo at Venue, Lobby and on Stage as Sponsor
  7. Company logo on all event marketing materials
  8. Ten Delegate Passes
  9. Two company literature items/gift in Delegate Folders
  10. Delegate List with contact details.
  11. Video links of presentations
  12. Access to all sessions
  13. Lunch & refreshments
- LUNCH & REFRESHMENTS SPONSORSHIP INCLUDED**

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**Rs 30,090** ✓

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2. 4x8 ft mounted flex banner
3. Company logo in vinyl on table
4. One Delegate Pass with benefits

## ECO EXHIBITION BOOTH

MAXIMUM FOOTFALLS FOR LESS

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**Rs 94,400** ✓

1. Furnished octonorm booth 2X2m with Fascia, 1 table, 2 chairs, carpet, 2 lights, power box, dustbin at booth.
2. Five pre-scheduled buisness meetings
3. 200-word Company profile in event guide.
4. Two Delegate Passes
5. Contact data of all delegates
6. Video links of presentations
7. Access to all sessions
8. Lunch & refreshments

## DIAMOND SPONSOR

SPEAKING SLOT WITH MORE BENEFITS

~~Rs 4,13,000~~  
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2. One speaking slot of 15 mins.
3. Ten B2G buisness meetings
4. Full-page (600 words) Company profile in Event Guide.
5. Full-Page Advt in Event Guide
6. Company Logo at Venue, Lobby and on Stage as Sponsor
7. Company logo on all event marketing materials
8. Five Delegate Passes
9. One company literature items/gift in Delegate Folders
10. Delegate List with contact details.
11. Video links of presentations after the event.
12. Lunch & refreshments

## DELEGATE FOLDERS SPONSOR (Exclusive)

HIGH VISIBILITY, MONOPOLY BRANDING

~~Rs 177,000~~  
**Rs 141,600** ✓

Logo of Sponsor on each Delegate Folder/Bag, on Stage, Event Guide & Venue Banners.

## GOLD SPONSOR

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~~Rs 2,95,000~~  
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2. Five B2G buisness meetings
3. Half-page (350 words) Company profile in Event Guide.
4. Half-Page Advt in Event Guide
5. Company Logo at Venue, Lobby and on Stage as Sponsor
6. Company logo on all event marketing materials
7. Three Delegate Passes
8. One company literature items/gift in Delegate Folders
9. Delegate List with contact details.
10. Video links of all presentations
11. Lunch & refreshments

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(Exclusive)

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**Rs 94,400** ✓

## LUNCH & REFRESHMENTS SPONSOR (Non-exclusive)

BRANDING, ENGAGEMENT AND GOODWILL

~~Rs 1,47,500~~  
**Rs 1,18,000** ✓

All Prices Mentioned Are Inclusive Of GST

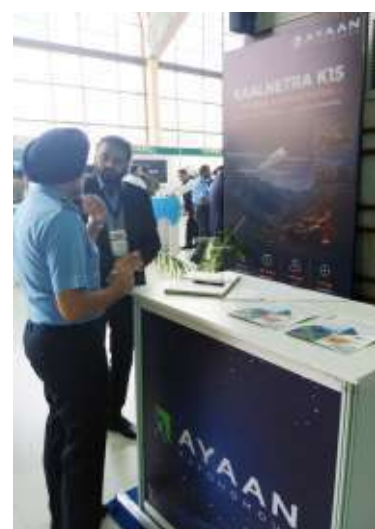
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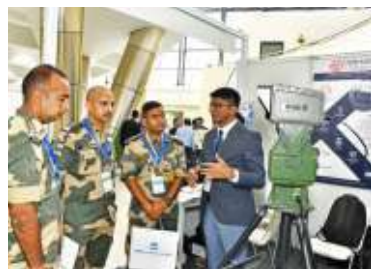
# Highlights from Surveillance & Electro-optics Event



Patronised by the Armed Forces' Surveillance and Electro-optics officers



Senior subject matter experts explain Services' requirements



Network, exhibit, influence, lead!



Direct B2G meetings with procurement officers