



WORKSHOPS & INDUSTRY PRESENTATION

DAY 03

APRIL 13, 2023

OUR KNOWLEDGE PARTNER



MEDIA PARTNER



SPONSORS

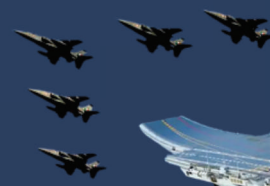
PLATINUM



GOLD



SILVER



Title of the workshop

Indigenous Enablers: Exploring the Role of Satellites in Strengthening Indian Defense.



1. Capabilities and Limitations of Satellites
2. Case Study: Satellites for Naval Applications
3. Case Study: Satellites for Army & Airforce Applications
4. Open-house discussion on the above topics after the presentations.



Kawa Space

Space Powered SIGINT & ELINT

Title of the workshop

A. Critical Infrastructure for Defence Space (15 min)

1. Introduction
2. Kawa Space's RF constellation Design and Data Parameters
3. ISR Products **a.** Maritime Domain Awareness **b.** Land-Based Applications (ELINT, SIGINT) **c.** RF Spectrum Monitoring

B. MDA ISR platform Demonstration (45 min)

- | | |
|--|---|
| <ol style="list-style-type: none"> 1. RF Capture, data fusion and insight generation a. S and X band Waveform Matching - Dark Vessel Use Case b. Sample data and AIS mapping c. Downloadable RF raw data will be shared with the audience | <ol style="list-style-type: none"> 2. AIS Toolkit and vessel tracking a. Dashboard to track vessel activities in AOI b. AI & ML in Maritime: Case Studies c. Kawa ID for vessels and activity log management d. Attendees Product trial |
|--|---|

Title of the workshop

PNT in the Security Forces of the Country and Proliferation of NavIC

1. The role, importance and Necessity of Position, Navigation and Timing in the Security of the Nation.
2. Means through which PNT is served for the Security Forces.
3. Efficacy of GNSS in providing PNT.
4. Various GNSS and their utility for Indian Security Forces.
5. Achieving Atma Nirbharta in PNT using NavIC.
6. The NavIC Concept and the Satellite System and it's applications.
7. Status of NavIC and it's induction into the services.
8. The bottlenecks and pain points in NavIC adoption.
9. Way ahead to adopt NavIC.
10. Status of NavIC Products Industries' preparedness to help the Defence Forces and the Government to adopt, proliferate NavIC.

