
SIAINDIA
Satcom Industry Association
VIRTUAL CONFERENCE
ON SATELLITE GROUND SEGMENT
IN INDIA - WAY FORWARD
17th December 2021
2:00pm to 6:00pm

Satcom Industry Association (SIA-India) is excited to observe the industry developments as the space segment matures from limited earth observation and communication applications to the multiple constellations that need to be supported with necessary ground infrastructure, including multiple gateways, data centers and communications links.

The mention of new space brings up images of Launch vehicles, satellites and payloads. However, the operation of these satellites relies on communicating with effective ground segments. Specific engineering needs accompany the ground station requirement. Still, like different segments of space infrastructure, a lot goes beyond technology, including regulations, licenses, etc. Ground Station as a Service (GSaaS) enables satellite operators to focus on their core business and launch their businesses faster. The multi-tenant feature of GSaaS also amortizes cost components for operators while providing cutting edge integrations with security, data processing etc.

The National Digital Communications Policy (NDCP 2018) lays due emphasis on strengthening satellite Communication Technologies in India. Much discussion has focused on the space segment, ranging from investments and announcements related to business models and technology. In comparison, the "ground" segment in the industry is just beginning to ramp up, and needs to keep pace with discussions around industry developments such as NGSO HTS constellations, software defined radio, network function virtualization, and flat panel antennas, amongst others. It is only now that the wider Big Data industry recognizes a market gap in the satellite value chain, one that it is well positioned to address.

Lately, The Government of India through Department of Space has also come out with forward-looking policies like the Draft Spacecom Policy, draft Space transportation policy, draft Remote sensing policy etc. that create an enabling environment for the industry.

The Telecom Regulatory Authority of India (TRAI) has released a consultation paper on the licensing framework for setting up satellite earth station gateways, and believes multi-stakeholders should be allowed to set up such earth stations, and not merely service licensees, to attract even bigger investments into the space sector and boost satellite capacities". This conference is aimed at highlighting and deliberating on the issues around the way forward for the Ground Station industry in the Indian Landscape which will not be open to the satellite operation but create an additional boost to the manufacturing of the ground segment and forge foreign collaborations.

SIA-India is a non-profit association created to provide a platform for thought leadership for Policy, Regulatory and Spectrum matters pertaining to the space and satellite industry. Besides national and global industry representation, there will also be delegates and guests from Government, Standard bodies and regulatory bodies in the proposed conference on "Satellite Ground Segment in India - Way forward" on 17th December, 2021 from 1400 to 1800 Hrs (IST).

SIA INDIA
Satcom Industry Association

Virtual Conference

On Satellite Ground Segment in India - Way Forward

SPEAKERS

Dr. P. D. Vaghela*
Chairman, Telecom Regulatory Authority of India

Shri K Rajaraman
Secretary Telecom, Ministry of Communications

Shri A K Tiwari
Member (T), Ministry of Communications

Dr Subba Rao Pavuluri
President - Satcom Industry Association (India) & CMD - Ananth Technologies Ltd.

Shri R M Agarwal
Chairman & Managing Director, ITI Limited

Shri Sanjeev Kumar
CMD, Telecommunications Consultants India Limited.

Shri K. Rathnakara
Director, Satcom program Office, ISRO HQ

Smt. Deepa Tyagi*
Sr. DDG, Telecommunication Engineering Centre

Mr. S Parameswaran
Planet Aerospace, Ex-Director, MCF, ISRO

Mr. Gautam Sharma
Managing Director, Inmarsat India

Mr. Kenneth Olafsson
Regional Sales & Business Director Asia, KSAT

Mr. Gaurav Kharod
Managing Sales Director, Intelsat India

Mr. K. Krishna
CTO & Vice President, Hughes India

Dr. RangaRao Venkatesha Prasad
IEEE Distinguished Lecturer, Fellow IETE, Associate Prof, Delft University of Technology

Mr. Jean-Luc Almeida
Ground Segment and Services Product Line Manager, Thales Alenia Space

Mr. Rani Hellerman
VP International Business, RBC Signals

Mr. Anil Prakash
Director General, SIA-India

Mr. Rajeev Gambhir
Sr. Director, Technology & Policy, SIA-India

**Invited, awaiting confirmation*

Panel Discussion 1

Satellite Ground Segment Technologies

The underlying technology, Multi-frequency operations including optical, Software-defined networking, virtualization, Standardization vs Innovation, Manufacturing and collaborations, Cloudification, Security etc.

Panel Discussion 2

Satellite Ground Segment Business Economics

Pricing models, Business drivers, Operational models (Captive vs shared use vs Uberization vs Owning fleet of GS), Regulatory hurdles and case study of international best practice

Who should participate?

- Regulators
- Policymakers
- Domestic and international standards bodies
- Satellite operators
- Satellite systems integrators
- Launch vehicles
- Ground and terminal equipment manufacturers as well as application solutions providers

PARTICIPATING COMPANIES

ANANTH, HUGHES, INTELSAT, inmarsat, ITI LIMITED, KSAT KONGSBERG SATELLITE SERVICES, TCIL, ThalesAlenia Space

MEDIA PARTNER

SATELLITE & Cable TV, VOICE & DATA

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