



# INDIA SatCom 2020

6<sup>th</sup> International Summit

24<sup>th</sup> & 25<sup>th</sup> NOVEMBER, 2020

## Satellite Broadband - The New Frontier

FIRST VIRTUAL CONFERENCE



**India Satcom 2020, being organized by Broadband India Forum (BIF),** offers you a unique opportunity to meet and engage with the key decision makers and business leaders, driving the development in bringing Satellite Communications to the mainstream in India.

## REGISTER TODAY

To gain the knowledge and access to make your organisation part of this growing market for satellite communications services in India.



BIF's endeavour is to bring equal opportunities to all players in the Satcom Industry and to create a framework for exploiting the full potential of the sector, at par with the rest of the world as well as catalyse the use of Satcom for bridging the Digital Divide and for utilizing its potential for new applications & services of the future.

### Join Us for India Satcom 2020 to:

- ❖ Learn about the Role of Satellite in the Communications & Broadcasting Ecosystem of India
- ❖ Talk to the Key Government Policy Makers on Policy Formulations, Regulatory Interventions & Policy Implementation Guidelines
- ❖ Attend Knowledge Sessions which deliberate and formulate strategies related to;
  - Satcom Reforms - Opportunities for Inclusive Growth
  - Making Satellite Mobility (IFMC) Services a Major Success
  - Advanced Satellite Technologies for Rural Broadband & 5G
  - Satcom Reforms - Ease of Doing Business in Satcom

### What are the Opportunities for you?

- ❖ Unique networking opportunities/interactions with top Government officials, Policy makers and decision makers, Business Leaders and Senior Executives from the world's major satellite operators, manufacturers and equipment providers.
- ❖ Create awareness within the Government at all levels regarding importance of the role of Satcom in providing broadband pan India including rural broadband.
- ❖ Get access to key decision makers in the Government on matters related to policy, regulation & business opportunities in Satellite Communications.
- ❖ Attend panel discussions on Market Growth, Policy & Regulatory Issues, Role of Satcom in Digital India, Ease of Doing Business, Satcom Mobility & other related topics.
- ❖ Interact in the process of implementing Satcom reforms emanating out of Hon'ble FM's announcement of liberalization of Space Activities (16<sup>th</sup> May, 2020)

### Who can attend?

- ❖ Satellite Operators
- ❖ Satellite Manufacturers
- ❖ Broadband Service Providers
- ❖ Internet Service Providers
- ❖ VSAT Manufacturers & Distributors
- ❖ Value-added service Providers
- ❖ User Organisations (Banks, Oil & Gas, Defence Security Forces, etc.)
- ❖ DTH Service Providers
- ❖ Government Representatives
- ❖ Spectrum & Regulatory Experts
- ❖ Start-ups and innovators
- ❖ Attorneys & Consultants
- ❖ Telecom Service Providers
- ❖ Broadcasters



# GLIMPSES OF INDIA SATCOM 2019

The **India-Satcom 2019 event** was graced by Dr. RS Sharma, Chairman, Telecom Regulatory Authority of India. In his address to the house as the Chief Guest, he commended the work being done by BIF over the years in the field of Satcom. Emphasising the importance of Satcom in the enhancement of Digital Infrastructure in the country & the vision of Digital India, he said the NDCP 2018 has recognized the same for the first time and has 3 sections on Satcom.

Dr. K Sivan, Secretary, Department of Space (DoS) and Chairman, ISRO also shared a special video message at the inaugural session in which he said that "the space technology plays a critical role in connecting the unconnected, despite the growing popularity of the terrestrial means of communication. When it comes to providing connectivity to deep and inaccessible hilly areas, there is no alternative to Satcom."

The event was attended by over 150 Delegates, 24 speakers and was extensively covered by over 30 leading print and online media.



## KEY RECOMMENDATIONS OF INDIA SATCOM 2019

- 1. CAPACITY CONSTRAINTS:** Additional capacity from private players be contracted to overcome this deficit. It is also recommended that in the interim period, pending finalization of Long-term Capacity, vacant capacity idling over India, which is of the order of 10 Gbps, may be utilized.
- 2. REQUESTS PENDING WITH CAISS:** Due consideration be given and early disposal of pending requests/applications for Indian Satellite System/Networks with CAISS be carried out, as per the norms, guidelines and procedures for implementation of the policy frame-work for satellite communications in India as approved by Government in 2000.
- 3. PRICES:** The satcom bandwidth prices be reduced substantially, so that it becomes competitive.
- 4. USE OF NEW TECHNOLOGIES:** New Technologies viz. Ka band, HTS, LEO/MEO Constellations, etc., be permitted for liberal usage so as to make Satellite Bandwidth more affordable and accessible.
- 5. SPECTRUM BANDS:** Opening up of both Ka Band (28Ghz: 27.5 - 31.0 Ghz) and C band (3.6 - 4.2 Ghz) are extensively used by Satellite Operators world over.
- 6. Use of Exclusive Satellite Broadcasting band:** The BSS Ku band (11.7 – 12.2 GHz) should be permitted for use by broadcasters, so that FSS Spectrum be freed for broadband usage.
- 7. EASE OF DOING BUSINESS:**
  - a) Removal of Artificial Barriers: Increase in VSAT terminal are permitted DL speeds
  - b) Spectrum Charges for NLD need to be rationalized
  - c) Need to delicense VSAT User terminals
  - d) Need for regular Long Term Administrative Mechanism for allocation of spectrum on a continuous basis for the industry.
- 8. MIGRATION FOR BROADCASTING INDUSTRY:** migration from foreign satellites to Indian satellites may be reviewed only after the expiry of the existing contract period.
- 9. CONTRACT PERIOD:** The existing norm of 1-2 years for contracts between buyers and sellers of Satellite Bandwidth be extended.
- 10. DISASTER MANAGEMENT & RECOVERY:** Uplinking Teleports for the Broadcasting sector be permitted to plan for contingencies by entering into arrangements with similar facilities located in other jurisdictions & transponders on alternate satellites to take care of emergencies/disaster recovery.

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**BHARAT EXHIBITIONS**

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