



SATELLITE BROADCASTING

As a media organization, you are faced with the challenge of digitizing operations on the right satellite, with coverage of your choice, and broadcasting content to reach new audiences in an efficient, reliable and cost-effective way.

Leverage our extensive satellite network on our “Hot Birds”, and utilize our domain expertise in providing TV uplink and broadcasting facilities to prestigious television stations which allow you to broadcast your content directly to your audience.

As the only operator in India to have satellite and a Dedicated Global Video Connect Network, Tata Communications plays a key role in delivering end-to-end services to broadcasters around the globe.

Maximize Your Coverage

Tata Communications is a pioneer in broadcasting network services in India and has approximately 50 broadcasters in the region who use our services. Our Indian infrastructure is comprised of five teleports strategically located in the metro cities of New Delhi, Mumbai, Chennai, Kolkata and Pune. To ensure seamless delivery of large files of content, our teleports are connected through the use of the Global Video Connect Network.

Teleport Fiber

We provide state-of-the-art Global Video Connect Network over Tata Communications’ meshed fiber network to our teleport. High availability is ensured in last-mile connectivity with a backup link via alternative methods.

One-stop Solution

We provide one-stop shop satellite broadcasting solutions for organizations that want to deploy worldwide networks with a cost-effective and extremely reliable service. Our high-quality teleport services are specially tailored to meet your needs.

Highest Level of Technical Expertise

Tata Communications has provided TV uplinking and broadcasting facilities to many leading television channels. In order to maintain the high standard of service that our customers require, we continuously implement the latest technology.

By leveraging our media delivery infrastructure which is comprised of media applications, network and managed services expertise, you can take advantage of cost-effective premium content management and distribution solutions.



THE TATA COMMUNICATIONS NETWORK DIFFERENCE

Specifications

- Teleport monitoring control rooms are networked and centrally controlled by TNOc
- We have redundancy for Antenna/HPA/RF Chain/MCPC MUX/Encoders/Decoders, etc.
- Committed Information Rate (CBR) is offered in our MCPC platforms
- 90-day compliance recording of uplinked programs
- 24x7x365 manned operations are backed up with our quality service assurance process
- Dual electrical service and distribution
- Maintenance bypass around normal distribution to critical load
- Redundant generators for entire facility
- Dual UPS system with redundant backup modules for critical loads
- 18 to 24-inch access floor for cable management and environmental air
- Card access control and CCTV monitoring

Broadcast Solutions

The product offerings for Indian market include:

- _ MCPC (Multiple Channels Per Carrier)
- _ SCPC (Single Channel Per Carrier)
- _ OUTV (Occasional Use TV)
- _ CPE Services
- _ Playout Room Services
- _ Internet TV Enablement Solution

Indian Teleport Infrastructure

Teleport locations include:

Chennai

- _ INSAT 4B Super Beam via 9 Mtr Antenna
- _ INSAT 2E Global Beam via 18 Mtr Antenna

Kolkata

- _ INSAT 2E Regional Beam via 7.9 Mtr Antenna

Pune

- _ Intelsat 60E via 13.1 Mtr Antenna

Future developments to include:

- _ AsiaSat 3S @ Chennai via 13 Mtr Antenna
- _ NSS 12 @ Chennai via 13 Mtr Antenna
- _ IS-10 @ Mumbai via 7.9 Mtr Antenna
- _ D/R solutions

ABOUT GMES

We created the Global Media and Entertainment Solutions (GMES) division to help you grow profitably in the digital media economy, even while working across diverse digital formats and evolving delivery platforms. This dedicated division delivers a suite of solutions enabling media management throughout the value chain including: creation, movement, workflow, asset management, security, storage and repurposing.

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