



VIDEO CONNECT

Maximizing high-quality video delivery across global media markets

With its heavy bandwidth usage and potential for lag and jitter, seamless video transmission is one of the key challenges facing the media industry today.

Built on the world's most advanced, dedicated video network, Tata Communications' Video Connect service ensures premium quality video delivery. Leverage constant bandwidth availability and video transmission at reliable bit rates on 4x protected fiber paths to optimize your end users' viewing experience.

Dedicated Global Video Network

Take advantage of flexible glass-to-glass transmission in a range of formats including DVB-ASI, SD-SDI and HD-SDI. Signals are received from a playout room, studio or other facility and are transmitted over fiber on DTM platform to Tata Communications' nearest Video Connect Point-of-Presence (PoP) for delivery to a desired location.

Optimized Video Delivery and Revenue

Video Connect is built on Tata Communications' global DTM network, which ensures constant availability of bandwidth and transmission of video at constant bit rates. Enable new revenue streams with local advertisements with different feeds per time zone.

Maximum Uptime

Video Connect also offers uptime equivalent to satellite by having an auto rerouting feature between Pacific and Atlantic routes in the undersea cable system for international connectivity and a mesh network for domestic networks over and above the basic triple-protected SDH network between Video Connect POPs on DTM platform.

End-to-End Management

Focus on core business initiative with streamlined Tata network management and a single point of contact for customer support, contracting and billing.

Global Distribution and Reach

Video Connect connects all the main media hubs and teleports of the world, including DIRECTV, DISH Network, RRsat, GlobeCast, etc.

Reliable, Secure Solution

We provide auto rerouting worldwide and 24X7X365 connectivity which ensures that premium seamless video reaches its intended destination irrespective of fiber cuts or outages in a particular region.

An On-demand Solution, with Flexible Pricing

As a fully customized service, Video Connect features a service delivery model that allows for either dedicated or occasional use for special broadcasts, with ad hoc setups available when required. Choose traffic direction and purchase bandwidth as needed, and enjoy usage-based billing, lowering your overall price point.

Video Network Operations Center

Take advantage of specialized video and audio monitoring, measurement and analysis of video traffic in real-time, with our dedicated Video Network Operations Center (VNOC) and video networking monitoring service, which helps to resolve issues before they occur.

THE TATA COMMUNICATIONS NETWORK DIFFERENCE

Key Features of VNOC:

- Video and audio analysis
- Monitoring
- Dedicated support team
- On-demand circuits

Key Features

- Highly scalable and end-to-end managed DTM network (built on IEEE specifications) on Tata Communications' wholly owned fiber backbone
- Supports media interfaces like DVB-ASI, SD-SDI and HD-SDI irrespective of compression formats like MPEG-2 or MPEG-4 or JPEG-2000 to eliminate packet losses during transit over DTM platform
- Low jitter, wander and delay make the service ideal for video transmission
- Multicasting capability for all services and any topology
- Uncompressed, high-definition feeds can be provisioned on a case-by-case basis
- Dedicated video NOC and round-the-clock availability are backed by best-in-class SLAs

Key Benefits

- DTM technology ensures high Quality of Service (QoS) and minimal packet loss
- Seamless global connectivity to all media capitals
- Premium-quality delivery of video content
- Guaranteed bandwidth, even at full utilization
- Reliable separation of traffic from end customers
- Fully protected and redundant network ensures up to 99.999% uptime
- More payload on each trunk and 0.5 Mbps granularity reduces capital expenditures
- Scalable, flexible pricing allows for rapid expansion when needed
- Customized network suits all topologies for maximum flexibility

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.

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