

MediaOrchestra/MGW media gateway

- Uncompressed HDTV over IP Transmission System -

powered by i-Visto technology



Key Features

- Supports uncompressed HDTV and SDTV transmission over high-speed IP network
- Supports multi-stream video transmission
- Transmits uncompressed video with small delay (0.5 frames at minimum)
- Transmits all HD/SD-SDI signals transparently including ANC
- Supports input and output frame clock synchronization
- Flexible traffic shaping function
- Can be extended to support uncompressed 4K by tandem operation

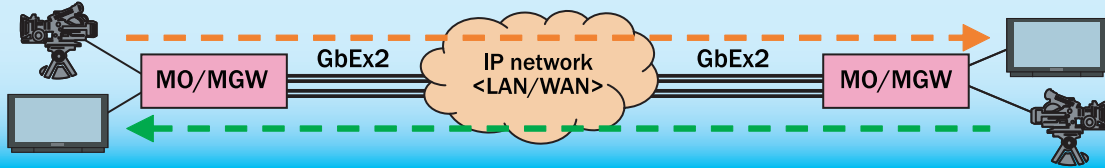
Specifications

Chassis	Size	2U 19-inch rack mountable
	Power	AC100 - 240V 200W (maximum 450W)
Network interface	Ethernet	10G BASE-SR/LR, 1000 BASE-T/SX/LX
Video interfaces	Uncompressed Compressed	HD-SDI (SMPTE 292M), SD-SDI (SMPTE 259M) DVB-ASI (option)
Functions	IP transmission	IP encapsulation and decapsulation Multi-stream transmission Link aggregation
	Protocols	IP version 4, IP version 6 Unicast/Multicast
	Control signal transmission	Camera and camera platform control (option)
	Monitoring	Various status counters Syslog message output

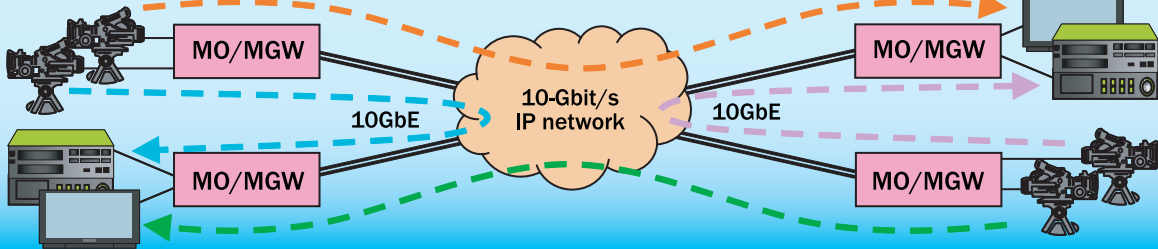
Application examples

MediaOrchestra/MGW (MO/MGW) media gateway is a multirate video transmission system including 1.5-Gbps uncompressed HDTV video transmitted between multiple locations via an IP network with real-time transmission.

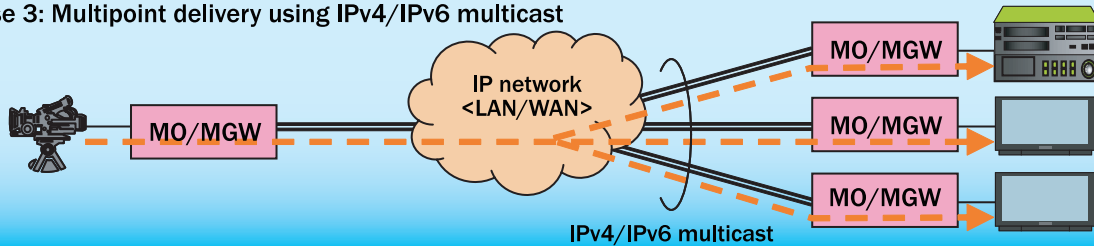
Case 1: HD-SDI (1.5 Gbit/s) bidirectional transmission over two GbE networks



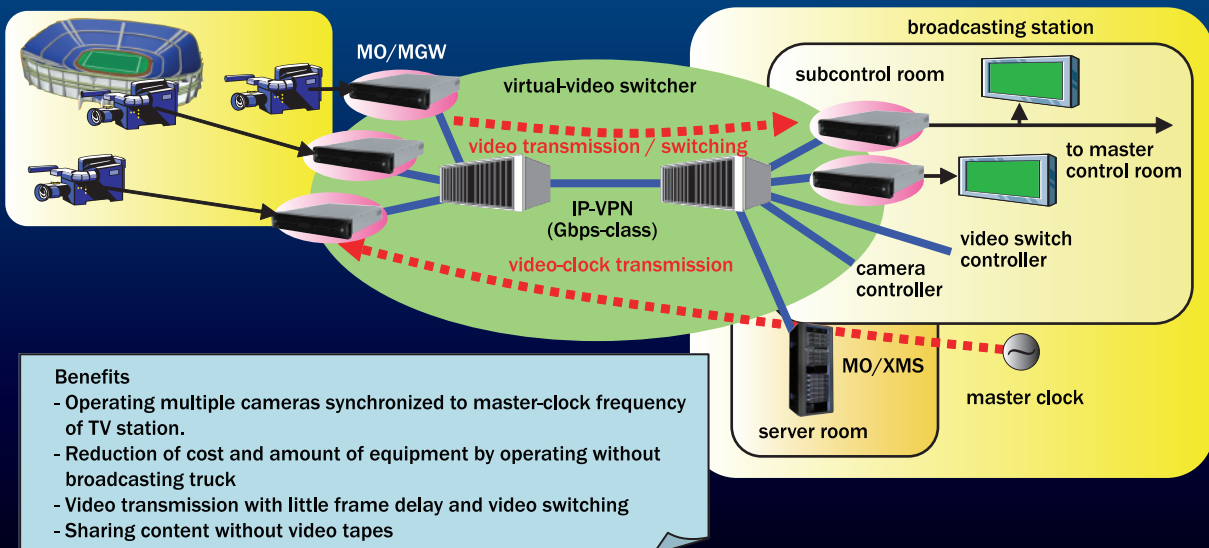
Case 2: Multipoint multichannel delivery over 10-Gbps IP network



Case 3: Multipoint delivery using IPv4/IPv6 multicast



System application example: Live broadcast system without broadcasting truck (e.g., sporting event)



NTTIT CORPORATION

1F Kannai-Waizu Bldg
2-9-1 Naka-ku Furo-cyo
Yokohama 231-0032
Japan

Contact :

MSS-NewYork, Inc.
New York Office :
228 East 45th Street 7th Floor, New York, NY 10017 USA
TEL: 1-212-867-5565, FAX: 1-646-349-2969
URL: www.mss-newyork.com
Mail: i-VistoSupport@mss-newyork.com

