



MEDIA BROADCAST owns and operates a large teleport in Usingen comprising more than 100 antennas and two other teleports in Cologne and Berlin, Germany.

Facilities provide global corporate satellite and DTH services as well as housing services of various kinds. Usingen teleport is manned 24h/365d for continuous technical and customer care.

Extensive satellite capacities used are based on the Intelsat, Eutelsat, SES, NSS, RSCC, PanAmSat and Loral Skynet fleet.

Usingen Teleport Features

- Located 35km north of Frankfurt/Main
- Operational for satellite services since 1977
- More than 50 Tx/Rx antennas of 4,2 – 19 m (Ku and C-Band)
- trailer-mounted transportable Ku-/K-band antennas
- 76°East to 60°West orbital arc visibility
- 1.400.000 sqm of plot size
- Access control supported by video surveillance
- Completely fenced and secured
- Sustained premium annual availability of >99,99%
- Redundant 20kV power lines
- UPS of 1.3MW consisting of battery and redundant diesel generators
- Equipped with air conditioning and fire alarm systems, antenna de-icing systems

Direct-to-Home Broadcast Services

- DTH premium services to Europe via ASTRA 19,2°E and HotBird 13°E.
- Provision of multiplexes on the “Dualfeed” positions ASTRA 23,5°E and EuroBird 9°E
- Signal contribution via satellite and international ATM Network
- Server based playout service
- Full service package for broadcasters to reach their European clients

Hub based services /Network Management

- Up- and downlink services for international connectivity
- Turn-around satellite services
- **iDirect** Hub Services: from fully managed to VNO-type service
- co-location services and complete housing facilities for clients networks
- ideally suited to serve **VoIP** carrier services

Customized Services

- Provision of customer specific solutions: integration of any kind of module up to full service operation and maintenance
- Integration and test during implementation phase
- 24h online-support and monitoring & control for equipment and operational service
- Customer examples: satellite services for EUMETSAT (reception, distribution, TT&C), installation and operation of an IP TV Headend for internet streaming of TV programs

International network

- Teleport connected to 10 Gig-Ethernet fibre as part of MEDIA BROADCAST's Next Generation Network (NGN)
- NGN provides connections with many German broadcasters, production houses and big event locations
- NGN connects to peering points at international Telehouses like Frankfurt, New York, Los Angeles or HongKong to enable connections with Tier-1 carriers
- Special features of the NGN and 24h/7d network management enable to build up rapidly QoS fostered connections between subscribers.
- Internet access, VoIP, VPN, transport of audio and video or SDH-type services are available at a wide range of bandwidths and service levels.

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