











SIS CONNECTS

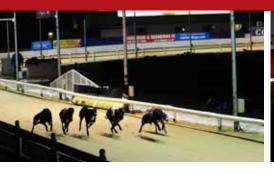
- SIS Fibre Connects:
 - Sports stadia
 - Major broadcasters
 - Premier League football grounds
 - SIS transmission sites
 - Network operators
- 2 x 24/7 teleports
- 2 x 24/7 Network Operations Centres
- 2 x multi-satellite iDirect hubs
- Largest uplink fleet in Europe
- Extensive pool of permanently leased satellite capacity
- Award-winning satellite product range
- Large support network with engineers based throughout the UK

SIS LIVE is the UK's leading satellite newsgathering provider and fastest growing broadcast media fibre supplier. Our rapidly growing fibre network connects our headquarters in MediaCityUK and Milton Keynes with key broadcast locations around the UK, including major UK broadcasters and Premier League football grounds.

SIS LIVE's established teleports in MediaCityUK and Milton Keynes provide the backbone of the service. Each site has a 24/7 network operations centre with resilient, diverse connectivity between teleports and BT Tower, which ensures that connectivity will always be available. Complementing and supporting the fibre networks both teleports have extensive satellite facilities to complete the connectivity piece.

Our facilities are designed to a full range of broadcast services from Ultra HD to low bit rate streaming with data and audio services also available. At the venue we can offer a wide range of options such as always on plug and play connectivity, COFDM wireless camera links, which allow roving TV reporters to link instantly to our fibre network, to full outside broadcast facilities.

This comprehensive fibre and satellite infrastructure forms a cohesive and robust connectivity portfolio which includes the largest mobile satellite uplink fleet in Europe and an award-winning range of portable VSAT and uplink products. Through any combination of these facilities we are able to offer you the best, most reliable and cost-effective service.

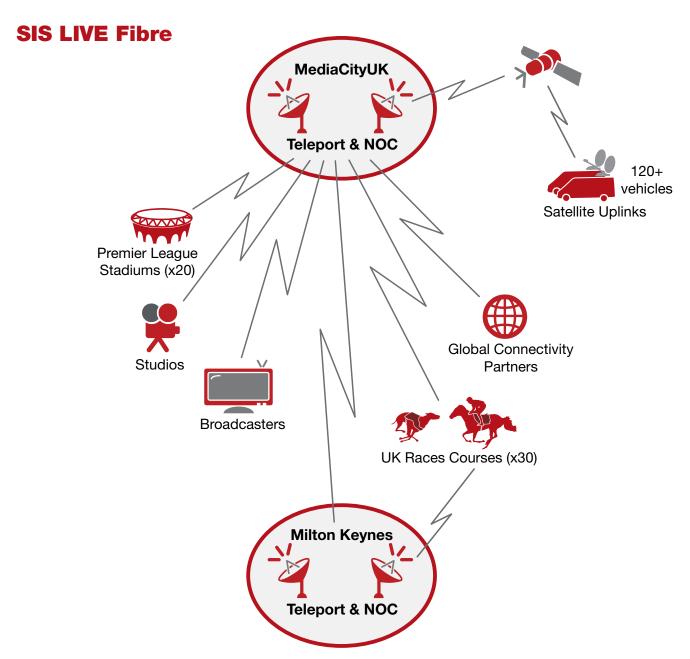






Media Fibre Services

SIS LIVE's fibre network connects our headquarters in MediaCityUK and Milton Keynes with resilient connectivity into key broadcast locations, including major UK broadcasters, Premier League football grounds, network operators and studio facilities plus international teleports and global connectivity providers. This core network offers diversity options for every fibre location. Signals can be routed directly to you or from either of our teleport sites or to national and international customers by a mixture of satellite and fibre paths.



Media Fibre Connectivity



Global connectivity partners

- Level 3
- RRsat
- BT
- Vodafone
- Virgin



UK broadcasters and other facilities

- ITV
- Dock10
- BBC
- Sky
- Maidstone Studios



Premiership football grounds

- Arsenal
- Aston Villa
- Burnley
- Chelsea
- Crystal Palace
- Everton
- Leicester
- Liverpool
- Manchester City
- Manchester United
- Newcastle
- Southampton
- Stoke
- Sunderland
- Swansea
- Tottenham
- West Bromwich Albion
- West Ham



Horse race courses

- Chepstow
- Doncaster
- Leicester
- Lingfield
- Newcastle
- Southwell
- Towcester
- Uttoxeter
- Windsor
- Wolverhampton



Dog race tracks

- Belle Vue
- Brough Park
- Crayford
- Hall Green
- Henlow
- Kinsley
- Monmore
- Nottingham
- Perry Bar
- Peterborough
- Poole
- Romford
- Sheffield
- Sittingbourne
- Sunderland
- Swindon







Teleports

SIS LIVE operates two broadcast teleports, located at MediaCityUK in Manchester and Milton Keynes. Our teleport systems are built to be robust, resilient and secure, providing essential connectivity to broadcasters, with direct access to the global satellite market.

Our operations and support teams are available and ready for you when you need them most. At each teleport there is a dedicated network operations centre operational 24hrs a day, 365 days a year. These facilities provide monitoring and switching for both satellite and ground based communications and can carry out the most complex routing tasks.



Satellite services include Ka, C, Ku and DBS band uplinks and downlinks, facility lines to/from BT Tower and other global connectivity providers plus standard conversion capabilities supported by a range of voice comms and data services. We also operate a multi-satellite iDirect hub out of each of our teleports servicing multiple satellites.

MediaCityUK Teleport

This state-of-the art teleport is the largest broadcast teleport in the north of the UK and brings an unprecedented level of connectivity to the region, as well as to the MediaCityUK complex itself.

The nine dishes range from 3.8m up to 9m, covering Ku, Ka, C and DBS bands. The teleport is connected to the SIS control room by fibre optic cables with two completely separate circuits in place. The power supplies are covered by a dual UPS and a standby generator ensuring that the system is fully redundant.

Making use of optimised viewing angles of at least 45°East to 45°West, and via careful placement and separation, the dishes are able to see a wide range of satellites.

Milton Keynes Teleport

SIS LIVE's Milton Keynes teleport went live in 2006 and has since been expanded to include a total of 10 antennas ranging from 2.4m to 4.9m in size. These are capable of communicating with a range of satellites and operate in Ku, Ka, C and DBS bands. The teleport is connected to the SIS control room by fibre optic cables, with power supplies covered by a UPS system and a standby generator. This facility has provided a quality service for many years for most of the top broadcasters across the UK and worldwide.



Teleport Stats

MediaCityUK



Antenna One - 8.1m

Type Feed Band EIRP Linear 4 Port DBS 77dBw



Antenna Two - 9.0m

Type Feed Band EIRP Circular 2 Port C 75dBw



Antenna Three - 8.1m

Type Feed Band EIRP Linear 4 Port Ka



Antenna Four - 6.3m

Type Feed Band EIRP Linear 4 Port Ku



Antenna Five - 6.3m

Type Feed Band EIRP Linear 4 Port Ku 75dBw



Antenna Six - 3.8m

Type Feed Band EIRP Linear 4 Port Ku 72dBw



Antenna Seven - 3.8m

Type Feed Band EIRP Linear 4 Port Ku 72dBw



Antenna Eight - 4.8m

Type Feed Band EIRP Linear 4 Port Ku 72dBw



Antenna Nine - 4.8m

Type Feed Band EIRP Linear 4 Port Ku 72dBw

Milton Keynes



Antenna One - 3.7m

Type Feed Band EIRP Linear 4 Port Ku 75dBw



Antenna Two - 3.7m

Type Feed Band EIRP Linear 4 Port Ku 72dBw



Antenna Three - 2.4m

Type Feed Band EIRP Linear 2 Port Ku 70dBw



Antenna Four - 2.4m

Type Feed Band EIRP Linear 2 Port Ku 70dBw



Antenna Five - 3.7m

Type Feed Band EIRP Linear 4 Port DBS 79dBw



Antenna Six - 4.7m

Type Feed Band EIRP Linear 4 Port Ku 76dBw



Antenna Seven - 4.7m

Type Feed Band EIRP Linear 4 Port Ku 76dBw



Antenna Eight - 3.7m

Type Feed Band EIRP Linear 4 Port Ku 72dBw



Antenna Nine - 3.7m

Type Feed Band EIRP Lin/Circ 2 Port Ku



Antenna Ten - 3.7m

Type Feed Band EIRP Lin/Circ 2 Port Ku



Antenna Eleven - 3.5m

Type Feed Band EIRP Lin/Circ 2 Port C



Antenna Twelve - 3.7m

Type Feed Band EIRP Linear 4 Port DBS 79dBw



Antenna Thirteen - 2.4m

Type Feed Band EIRP Linear 4 Port Ku 79dBw



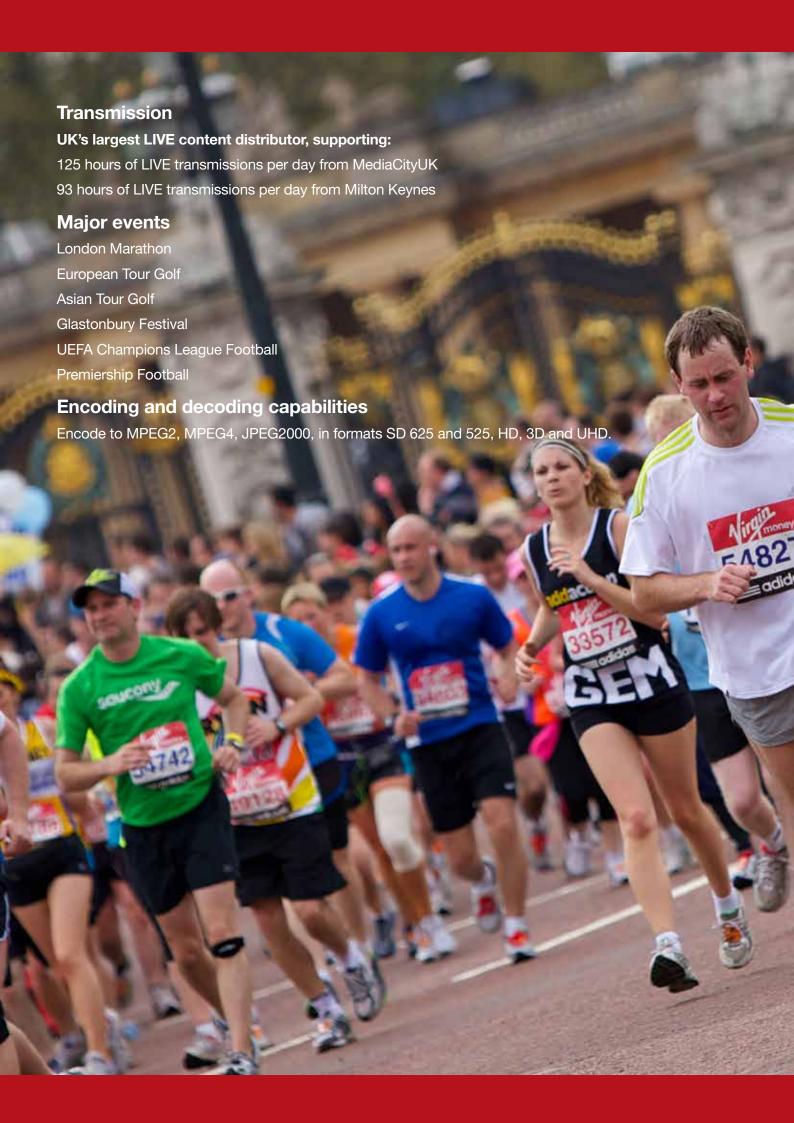
Network Operations Centres

Core to the services are our Network Operations Centres. Located close to our teleports in MediacityUK and Milton Keynes, our qualified engineers utilise network management and control systems to deliver effective monitoring and routing of services for worldwide events.

Services

- Full network support
- Monitoring
- Management
- Routing
- Control of satellite uplinks and over 80 fibre circuits
- Distribution uplink broadcasting 19 permanent DTH services with management of approximately 30,000 subscriber satellite receivers
- Extensive experience in the management of 'ad-hoc' events for major clients







Rely on SIS LIVE's expertise, with over 20 years' experience in delivering high quality connectivity services to major broadcasters.



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