

Broadcast Systems



Overview

As part of our Satellite DTH, TVRO, SNG, Datacentre, Rack Integration and NOC capabilities, we can offer full Integrated Broadcast Systems. With our partners, we can offer everything from the studio and production facilities, through to Playout, Ingest, Compression and Encoding, in addition to the RF Transmission Systems. Our broadcast systems are designed with Reliability, Quality and Flexibility at the heart.

As an Integrator we use “best of breed” products to deliver state-of-the-art solutions.

Studio

For Studio facilities we work with our partner C2S, who have a global footprint of offices that can support a verity of products and solutions, including:

- Studio furniture and furnishing
- Cameras
- Audio and video mixers
- Playout
- Post production facilities

Monitoring

We can provide a variety of Monitoring solution for MCRs and NOCs to include Signal Routing, Mixing, VTR and Editing facilities.

Integration

All cabling planning, implementation and documentation is done to the highest standards and with our vast experience of system integration all interface engineering – the necessary “glue” to make the system work – is taken care of. Projects are managed with an attention to detail and transparency that provides our customers with a sense of service that is second to none.

Playout and Automation

Playout and Automation and important part of any broadcast system. As integrator we work with a variety of playout system solution providers such as: Snell, Miranda and Harris, to provide the best product for the customer needs. There are a range of products available from “Channel in a Box” solutions through to large multi-server solutions to meet the demanding needs of the modern broadcaster.



We understand the features, requirements and application of Playout and Automation Systems:

- IP and SDI/3G interfacing
- Multi-vendor operability for storage and other key sub-systems
- Versatility and flexibility for production, distribution and contribution environments
- Application requirements: National Broadcast (Satellite, Terrestrial), Network Origination, Central Casting and Business Continuity
- Platform format and integration: satellite, terrestrial, IPTV, OTT, mobile
- System redundancy
- Dynamic resource allocation
- Previewing and content management
- SD and HD
- Graphics, banners, logos, tickers, ancillary data, character generation, etc
- Simple server playout to highly complex channels
- Media work flow solutions for content management
- Scalability for multi channel and automated option
- Integration with business models
- Centralised and regional broadcasting
- Live and stored content



Editing and Distribution

Once the Channels are constructed, encoding and distribution/contribution is the next stage. As part of an integrated solution we work with industry leading encoding and CA solution providers such as Thomson, Ericsson, Harmonic, Irdeto, NDS, Conax and others, to provide and solution to meet business needs of our customers.



Integration between the IP or ASI transport stream and the RF Systems is achieved through the latest modulator technology to provide the highest bandwidth efficiency.