Creative Edge Broadcast Studio

The new Creative Edge broadcast television studio comprises of the latest high end equipment. The studio is designed around the broadcast model, with separate audio control room and production gallery. It offers a totally tapeless workflow, with direct ingest into our EditShare media asset management system. All the production areas have reference script lighting, to enable the correct viewing parameters of picture content.

Studio Lighting

- The studio lighting system is controlled by an *ETC Congo Senior* lighting console, with luminaires rigged on a fully motorised hoist system, this provides ease of rigging/de-rigging. This lighting system design incorporates a *DMX* control system.

Camera Channels

The Camera Channels feature:

- 5 x *Sony HXC-100 HD Cameras*, with wide angle and standard lenses, with full digital servo control.
- All cameras have *Sony OLED 7” viewfinders*.
- Camera control system is provisioned by *Sony RCP remote control panels*.
- All cameras are connected via a *Triax system*, to ease connectivity.
- *Vinten Osprey pedestals* with crab and steer functionality, with quick release camera plates mounted on *Vision 250 fluid camera head*.

Production Control Room

- Comprises of a *Sony MVS-3000 HD broadcast vision mixer*, with multi-viewer output, for source, preview and programme output.
- Fully routable independent *Riedel talkback system*, for studio communications across all areas.
- Production control room audio monitoring is provided by *Genelec nearfield professional monitor speakers*.
- Character generation is facilitated using a *Data Video solution*.
- *Teleprompter/auto cue* is provided to all cameras, to enable script provision to presenters.

Vision Engineering/Racks area

- Provided with technical monitoring to allow all aspects of the signal integrity to be monitored, thus allowing a maintained consistent technical output to the media servers.
- All signals within the studio environment are routed at full HD to maintain the highest quality output.
- The studio is also capable of recording its output to a *Sony PMW-1000 file based recorder*. 
Audio Control Room

- The audio mixing desk is a *Studer Vista 1 digital mixing console*, with 32 discrete inputs with motorised faders, with 96 channels of DSP.
- This mixing desk is found in broadcasting organisations and provides the facilities for live event and production use.
- Outboard facilities are provided by a *Denon professional CD player*.

Studio Floor

- This studio floor has a usable space of 149m$^2$.
- The studio space has multiple facility boxes for camera traix connection, these facility boxes also incorporate audio, data and low level power, and this enables full flexibility and usage of the space.
- It incorporates a full height, fully motorised lighting solution, for the hanging of luminaries and other equipment that need to be provisioned off the floor.
- One side of the studio encompasses a full green screen infinity wall, for Chroma key situations, as well as a Chroma key cyclorama curtain, and black and white drapes that can be moved to any specific area around the studio wall space.