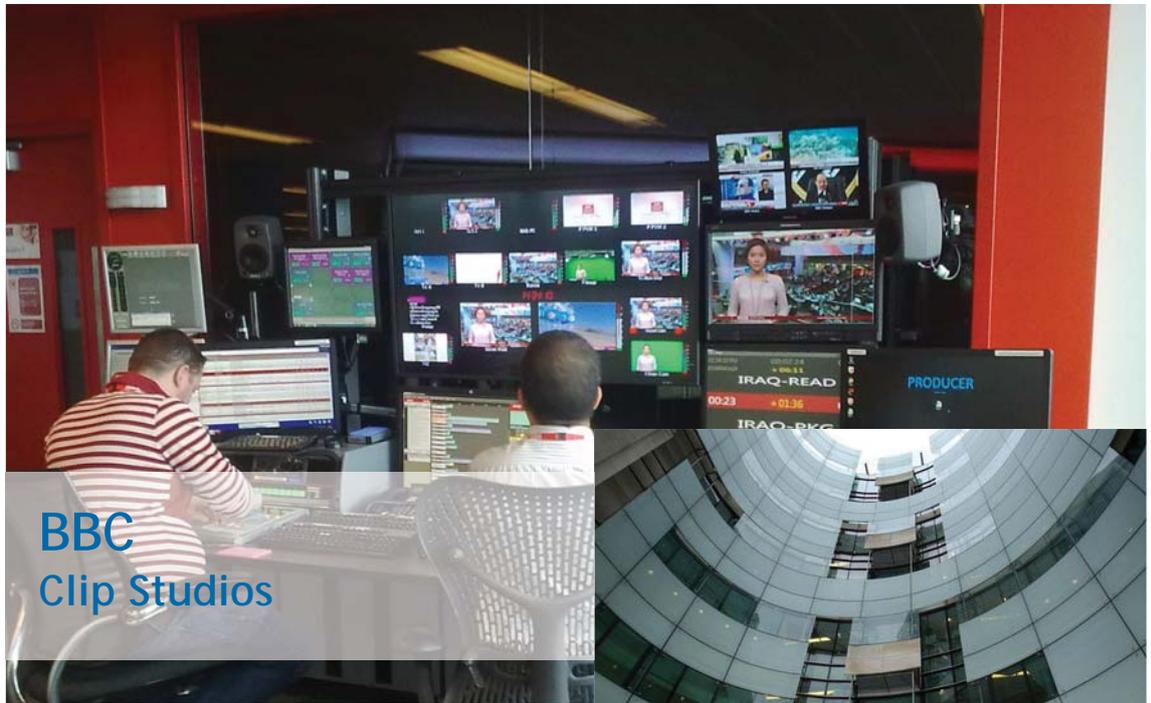


Since 1989 VSC Design Ltd, has been planning, designing, installing and servicing the requirements of a rapidly changing broadcasting and media industry, delivering the highest standard of engineering excellence and customer service across a variety of technology platforms.



### BBC Clip Studios

In January 2014 VSC Design Ltd were awarded the contract to build two clip studios for the BBC World Television News. The studios are based on the 5th and 6th floors of New Broadcasting House, the BBC's West London broadcast centre.

### Flexible Control

The World Service Clip Studios provide a one camera keyed output designed for either "self op" by a presenter or a more featured production from a full gallery desk with Mosart Automation, Quantel and Raven video servers, Snell Kahuna vision mixers, Studer audio mixers, Shotoku robotic cameras and Vizrt graphics.

### Automation Integration

The design of these two new studios was based on previous configurations already in use but took into account all the lessons learnt in the past to improve the workplace functionality and also to introduce Mosart automation usually only found in the larger of the BBC facilities.

Both technical and ergonomic considerations played a large part of the delivery with VSC's engineers working closely with the BBC staff to produce a fully integrated and operationally complete environment in a limited space. VSC procured major items of equipment for the project including items from Snell, Studer, Shotoku, Raritan and Custom Consoles.

VSC worked with the BBC staff to integrate with the BNCS control system, campus wide Delec talkback system and both the broadcast and corporate networks.

### Live Environment

The installation had to take place around a live "on-Air" operation including running inter-area cabling between the studio control rooms and the Central Apparatus Areas (CAA) which were located on different floors.

Despite the many varied challenges that the location presented, the project was delivered





on budget and on time. Maintaining the high standard of the installation, system test and deployment whilst working in live areas was a challenge but one which VSC Design have many years experience of. It is a measure of VSC's reputation that we should be entrusted to perform this by the BBC at a site as prestigious as New Broadcasting House, London.

### Project Management & ISO 9001:2008 Operating Procedures

VSC have considerable experience of working with BBC News and were therefore familiar with the expectations of such a facility. We are familiar with operating within a documented change control / permit to work environment required by the BBC.

All of our projects utilise strict change system as defined and documented in our audited ISO 9001:2008 Operating Procedures.

The BBC renewed its System Integrator Framework Agreement in 2013 and this project was the first to be carried out at New Broadcasting House since the initial installation.

VSC worked closely with the BBC's permit and change control systems and ensured a smooth timely delivery with no impact to broadcast services. The BBC were very pleased with VSC's delivery and awarded further contracts to integrate 9 additional Vizrt graphics engines

into the NBH pool as well as upgrading the BBC Parliament DR facilities to HD.

*"We were very pleased to be awarded this contract and continuing our relationship with the BBC."*

**John Hartz,**  
Projects Director, VSC Design Ltd

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