

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.



### TV Zimbo, Angola Broadcast Centre

In 2012 TV Zimbo approached VSC Design to begin a major uplift of the channel which included converting operations over to a completely file-based workflow, upgrading to HD with the addition of a second channel.

#### New Production Studio and Second Channel

VSC Design have been involved with TV Zimbo since its inception when the channel was first launched on 14 December 2008. The long-standing relationship has facilitated a constant partnership which provides more than just a simple, system integration service on an ad-hoc basis. VSC Design has been instrumental in designing and installing TV Zimbo with cutting edge facilities, in line with innovations in technology.

The new facilities comprised two new five camera HD studios, a state of the art newsroom, post production suites and continuity suites. VSC Design work in partnership with TV Zimbo's production team and its technical staff to define their requirements, advising on technology which would best fit their new

facility.

Not only have VSC Design provided system integration, but we have delivered and planned the project for the channel's production facilities from inception through to its recent refurbishment. The continuing partnership has assisted in a relationship which is based upon trust to provide all their on-going operations and continuing technical support.

#### Technology Embraced

The solution VSC selected for the channels automation and continuity system was VSN's VSNCREATV module and VSNMULTICOM automation. VSNMULTICOM is responsible for automating ingest and transmission and controlling the base band devices, server, CGs and unified control of routing switchers and presentation mixers. VSC also chose the Miranda NVISION 9000 routing switcher and Imagestore presentation mixers. The technical





furniture was provided by Custom Consoles and was bespoke to client requirements.

### Pre-Built and Tested in VSC's West London Facility

Timescales were extremely tight with delivery being achieved just five short weeks following customs clearance. VSC Design followed its philosophy of 'evaluate, design, and deliver' throughout to ensure the project was delivered

smoothly and on time despite the challenges faced in a country like Angola where the normal supply lines are not available and customs clearance can take several months. "It's

imperative to have everything planned

"The successful launch of TV Zimbo in 2008 was in no small part due to VSC. The extensive knowledge and experience of their team gave us great confidence that we would meet our launch deadline. During the recent major upgrade of our facilities VSC again managed and delivered the project smoothly and efficiently. Their sound technical advice and excellent support has been invaluable to us over the years".

**Nuno Filipe - Technical Director**

carefully, right down to market such as Angola.

the last detail which is why the entire system was pre-built and tested at VSC Design's West London premises prior to delivery to Angola", commented VSC's Projects Director John Hartz.

### Continuous Support

Post the delivery and the successful launch of the new broadcast centre VSC provide continuing technical support for TV Zimbo.

This includes not only remote telephone and online support but also site support to assist with the smooth running of the channel. Continuous support is an important part of the service VSC offers and this is particularly true in a developing market such as Angola.

