



Smart-e

Case Study

Project	Museum
Installer	AtlasAV
Product	Digital extenders
Location	Scotland



The National Museum of Scotland features Smart-e digital equipment

Smart-e AV digital technology used in world-class Scottish museum



Smart-e digital equipment plays a crucial role in bringing exhibits to life at a new multi-million pound redevelopment of the National Museum of Scotland in Edinburgh.

National Museum of Scotland

Having undergone a three-year £47.4 million transformation to restore the original interior of the Victorian building, the National Museum of Scotland is



now one of the UK's largest museums. It re-opened to the public on 29th July 2011, revealing sixteen newly refurbished galleries featuring over 8,000 objects showcasing collections covering the sciences, humanities and culture of Scotland. Whilst pioneering Scots such as John Logie Baird and Sir Alexander Fleming who revolutionised the modern world, are introduced through their innovations, inventions and possessions.

AV design & installation

Swansea based AV consulting and installation company Atlas AV www.atlasav.com was tasked with designing and installing a bespoke Audio Visual (AV) solution to creatively enhance the static exhibits for this highly ambitious project.

The sensitivity required for the historic building demanded many innovative AV techniques to be employed by Atlas. The AV has been integrated into the heart of the building reporting back to a central AV control room that provides maximum versatility and durability for the hardware. This will extend the life of

the equipment and ensure maximum return on investment. Overall over 1000 pieces of AV equipment have been installed in to the new museum.

Smart-e digital technology

Smart-e HDMI point-to-point extenders have been used to transmit high definition digital signals over a single CAT5-8 cable to three huge projection screens hung high over the galleries. The equipment used is HDMI compatible and HDCP compliant with the ability to transmit a separate digital audio S/P DIF signal up to 1080p over 200 metres.

As Paul Grove, managing director at Atlas AV says *"The end result is nothing short of perfection with a glowing blend of stunning graphics, life-like models, historic artefacts and AV equipment to match. In "Animals in Action" you can see a life-sized skeleton cast of a Tyrannosaurus Rex and specimens collected by Charles Darwin which are complemented by three enormous projection screens that really bring the area to life."*



He added *"We hold no obligations with any equipment suppliers allowing us total freedom to choose 'best of breed' for all solutions requirements. We chose Smart-e equipment for this project because it provides the most technically advanced, cost-effective and reliable solution that is easy for visitors to use and staff to maintain."*