



SPRING 2014

Announcements and Updates

Greetings from Digital Globe Systems! Although we met many of you this past Fall during our 2013 trade show circuit, we've been so busy with new technologies and partnerships that we haven't had a chance to follow-up. As a result, we'd like to take a moment to fill you in on some of our exciting updates and our new product offerings.

Before getting started, allow us to reintroduce ourselves. Our company started in 2008 as Lockwood Consulting & Design, serving schools, museums and educational organizations with cutting-edge technology and exhibits, as well as consulting and technology training services. In 2013, we branched off into Digital Globe Systems to focus more specifically on our digital globe display business. Although you may have already seen some of the products we offer at a trade show this past Fall, we've been rapidly advancing our partnerships and have been developing new technologies to offer you the latest and most engaging displays available!



Did you know that our hemisphere systems for exhibit-style installations start as low as \$5,900?

HEMISPHERE SYSTEMS FOR LIBRARIES, MUSEUMS AND LOBBIES

One piece of equipment that was extremely popular this past Fall was our hemisphere display for iPad devices. The combination of the dynamic visual effect and the simple operation was a huge hit, however the real game-changer for educators was the low price. Since debuting this product, many museums and organizations have asked us about installing one of these exciting learning tools as an unattended exhibit in a school lobby, library or museum setting. As a result, we have developed new hardware options for full-time operation using a flash-based computer and a variety of museum-grade input options including physical buttons, trackball/trackpad devices and touchscreen displays. We've also developed some unique software options that allow users to select pre-rendered spherical films for viewing on the hemisphere screen, as well as other options that let users explore the planets in the solar system or interact with live weather on Earth.



EXPANSION INTO NON-TRADITIONAL DISPLAY SOLUTIONS

Another exciting development has been our expansion into non-traditional display solutions. Although we've been doing spherical displays for years, we've only dabbled in the occasional video wall... until now. Thanks to a new demand for alternative projection surfaces, (such as

building exteriors, relief maps, sculptures, and vehicles) a new subset of hardware and software tools are now available, allowing us to provide new solutions to our customers. One recent installation we completed at the Aerospace Museum of California involved a curved, wrap-around theater screen that needed custom warping and specific calibration. To make the theater even better, we built a custom, touchscreen-based control system that gives visitors the ability to choose any number of high-definition educational films from a list of pre-selected titles. A similar area where we've also expanded is free-form video walls; with new 4K video and hardware, a variety of creative shapes and arrangements are now possible.



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CUSTOM EXHIBIT ENCLOSURE FOR iGLOBE 3D

During our 2013 trade show circuit, many of you got to experience our exciting iGlobe 3D product that creates a stunning, three-dimensional effect without the need for special glasses. While this product is already an excellent choice for outreach programs due to its portability, we have been hard at work developing a custom exhibit enclosure to allow for secure and reliable operation in unattended environments like museums and school lobbies. Once installed, the 3D display can be set to loop continuous educational videos including the entire NOAA SOS catalog, or it can be configured with a touchscreen or trackball for advanced user control of the globe. (Input devices can either be attached to the front of the enclosure, or they can be mounted to a separate stand.) Aside from being a turn-key exhibit solution for museums, visitor centers and libraries, this enclosure can also be configured with caster wheels for use as a rolling cart in schools.



HOLOGRAPHIC DISPLAYS FROM zSPACE

A final development we've been working on these past few months is the addition of zSpace holographic displays to our product line-up. These systems work by combining special 3D glasses and multiple head-tracking cameras to generate holographic-like images which can be fully manipulated in real space. Users can spin and rotate virtual objects in any direction, and can even adjust layer transparency or dissect objects to see what's inside. A variety of scientific objects can be loaded, including planets, geology models, spacecraft, airplanes, animals, human organs, machinery and much more.



If you're interested one of the items mentioned here, or any of our other services including general exhibit design, interactive touch kiosks, digital signage systems or printed graphic panels, please feel free to contact us. We would love to explain the benefits of our products, and to show you how affordable a solution from Digital Globe Systems can be!

