

Schlumberger South Dairy Ashford office

Increasing multi-source efficiency in visualization



“With our recent integration of Barco’s XDS Control Center software and hardware, the operation of the room is very user friendly, yet provides a high degree of flexibility.”

Brian Hallman, iCenter Manager at the Schlumberger South Dairy Ashford office

Schlumberger is the world’s largest service provider for the oil and gas industry. Its technology segment, Schlumberger Information Solutions (SIS), specializes in software for the oil and gas industry’s exploration and production segments, and has offices all over the world. For its South Dairy Ashford center in the city of Houston, it was looking for ways to improve collaboration and interactivity.

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Familiarity with first-class visualization

For its visualization of 3D stereo data, the center already relied on Barco visualization. "We'd been using a three-channel, active 3D stereo display system from Barco for a couple of years now," says Brian Hallman, iCenter Manager at the Schlumberger South Dairy Ashford office, "Customers and visitors immediately notice the system's large screen size, brightness and immersive depth of field. But we wanted to expand the system's functionalities beyond displaying 3D sub-surface data."

Increased user flexibility

To increase the flexibility of the visualization system at the Dairy Ashford office, Barco proposed its XDS Control Center software and hardware solutions. Barco XDS allows several 2D and 3D sources on-screen at the same time, all controlled with mouse and keyboard in a familiar Windows desktop environment. Source windows can be dragged, resized or made to overlap at will, reducing the need for perilous source switching, at the same time increasing the quality of multi-discipline team work.

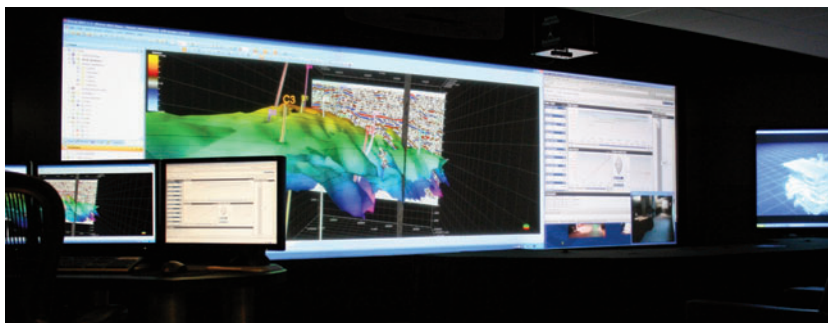
"With Barco's XDS Control Center software, our visualization system works seamlessly like a user's desktop. Whether the user needs to show multiple sources at the same time or switch sources on-the-fly, they can reliably manage these functions easily by themselves," comments Mr. Hallman.

Looking to the future

SIS's Dairy Ashford office is also planning new functionalities that make use of XDS Control Center modules, such as its videoconferencing and networked data sharing options, which enable geographically distant users to distribute content and see each other face to face in real

time while looking at the same data. "We need to move beyond our local interests and see how we can work with our other iCenters and field locations. With the newly designed SIS Breakthrough Performance Center in San Felipe, we are looking forward to evaluating new collaboration technology that will link our facility to the BPC easily and efficiently," says Mr. Hallman.

Barco and SIS have been partners for a long time, and can point to many successfully finished projects for the global oil and gas industry. "With Barco, we share the same end goal - making customers more productive and more efficient by offering superior, user-centric solutions," concludes Mr. Hallman.



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