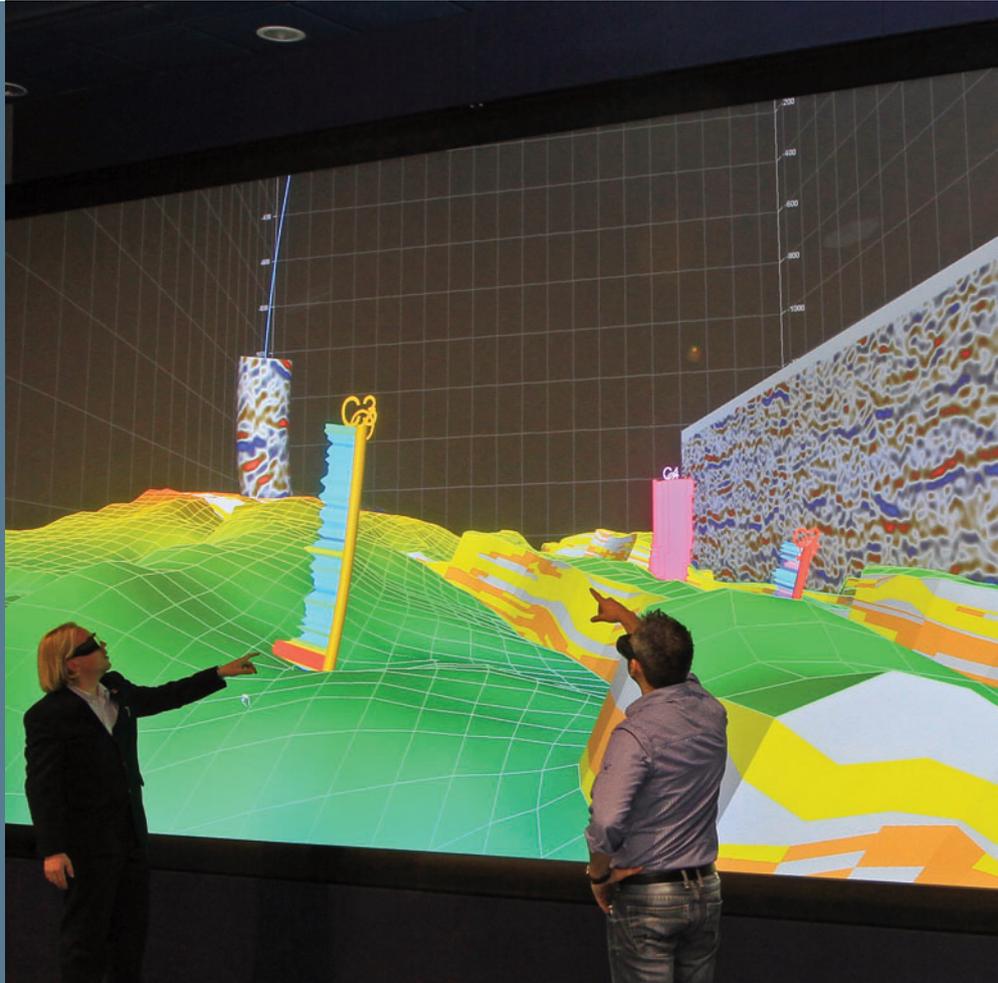


Kuwait Oil Company, Kuwait

KOC installs most advanced MegaCADWall in its industry

“Our teams can now collaborate better, which increases the efficiency, quality and speed of our decision-making processes.”

Saleh Al-Mutairi,
Senior Systems Analyst at KOC



When the Kuwait Oil Company (KOC) decided to upgrade its 3D Visual Reality Center, it wanted nothing less than the most advanced visualization technology available in the market. Together with Schlumberger Information Solutions, its technology partner for many years, KOC chose to install a MegaCADWall collaborative display system from Barco. It features six top-of-line Galaxy NW-12 projectors and a giant (seven meters wide) superflat glass rear-projection screen – amongst the largest in the oil market worldwide.

KOC commends the exceptionally high resolution and brightness of the new solution, its flawless 3D rendering, its ease-of-use and confirms: “It truly fosters collaboration.”

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In 2010, Kuwait Oil Company celebrated its 75th anniversary. Established in 1930 by BP and Chevron Texaco, the company became a state-owned organization in 1975. Its mission: to explore, drill, develop and export Kuwait's hydrocarbon reserves using the most efficient and economic means available. At its 3D Visual Reality Center, geoscientists, petroleum and reservoir engineers collaborate to better understand complex data, plan projects and take informed decisions.



"The main objective of the 3D Visual Reality Center is to create an intelligent and collaborative decision-making workspace for E&P experts from multiple disciplines, where they can easily analyze all of the available data and collaborate in the most effective way possible to decide on the best course of action," explained KOC's Senior Systems Analyst Saleh Al-Mutairi.

Most advanced technology

KOC has always been an early adopter of new relevant technologies, both to facilitate its core tasks and to support research and development. The 3D Visual Reality Center that Schlumberger Information Solution implemented for KOC in 2003 featured an 8 by 2.3 meter curved Barco rear-projection video wall - the most advanced technology on the market at the time. It did a great job enabling the multidisciplinary teams to view and manipulate information. After six years, however, the system required a major upgrade to visualize the level of detail KOC needed.

Great teaming with Schlumberger

The requirements that KOC put forward were simple, yet challenging. The company wanted the most cutting-edge solution available: high resolution, extensive collaboration features, and the largest display surface. KOC asked its technology partner Schlumberger Infor-

mation Solutions, with whom it had been partnering for years, for an upgrade plan that would meet all these requirements. Dr. Mariam Al-Ajmi, KOC Information Solutions (E&P) Team Leader: "In line with our company's 2030 strategic goals, we are committed to providing the E&P user community with value-added solutions and services that ensure maximum Return On Investment (ROI), thereby helping them effectively address their business challenges. We needed a 3D center equipped with the very best solutions to support us in that challenging task."

Exceptional image quality

Barco suggested setting up a MegaCAD-Wall consisting of six Galaxy NW-12 projectors, a giant superflat 7.2 m x 3m glass screen and an XDS-1000 display management system. The NW-12 projectors are truly state-of-the-art - the world's first three-chip DLP projectors with a full WUXGA (1920x1200) resolution and professional 3D stereoscopic functionality. Features like DynaColor, which ensures that each device projects with the same color quality and intensity, and linked Constant Light Output (CLO) that matches brightness differences across channels, ensure the most brilliant images. The glass screen further ensures excellent contrast levels, wide viewing angles and no hot spots.

Less noise, less heat, more room

Everyone confirms that the resolution is amazing, allowing the users to see even the smallest details and the best quality 3D images. Other key benefits of the new system include the low noise levels and the advanced cooling that reduces excess heat to negligible levels. On top of that, the superflat screen leaves more room in the center for chairs and to comfortably move around.

Collaboration anno 2012

Last but definitely not least are the solution's outstanding collaborative features. As the XDS-1000 display management system is readily 'boltable' to other hardware, such as DVD, satellite TV, videoconferencing systems, laptops, etc., KOC can easily display all kinds of images - data, models, presentations, videos, live streaming, etc. - coming from the most diverse sources. Thanks to the familiar user interface, everyone can operate the system with ease. It can even be controlled by Creston systems, an iPad or an iPhone. "Our teams can now collaborate better, thus helping them achieve a complete understanding of complex data to successfully plan projects. This increases the efficiency, quality and speed of our decision-making processes," concluded Saleh Al-Mutairi.

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Barco is an ISO 9001 registered company.
The information and data given are typical for the equipment described.
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