

LEWIS

CASE STUDY

Experience, knowledge and technology give confidence to oilfield operators and service companies. . .

The oil industry is experiencing a huge surge of new interest in the benefits of Riserless Well Intervention technology and this has created unprecedented growth in the demand for new systems and technology. A number of start-up companies have been formed to meet this demand, and Lewis Ltd is emerging as one of the leaders in this field, due to its technical leadership and unique experience in Riserless Subsea Well Intervention design, operation and maintenance.

Drummond Lawson, Managing Director for Lewis Ltd, says, "The origins of our company lay in providing equipment upgrades, maintenance, and repair services to the oil industry and, in particular, Riserless Well equipment". Lewis Ltd is now using its in-depth knowledge and experience to design and build their own in-house products: meeting the industry's demands for operation excellence, ease of maintenance and lowest whole life cost. Greater emphasis on own products and higher level interface projects led Lewis Ltd to upgrade their 2D AutoCAD Light to a 3D SolidWorks Premium computer-aided design system.

Lawson says, "Our industry is technology led and SolidWorks encourages innovation because new concepts can be quickly and clearly presented within the design team. Creating a technology pool ensures we are continuously providing the industry with systems and equipment that work more efficiently and reliably, saving considerable time and money."

Lewis Ltd has established strong working relationships with customers. Creating realistic 3D models of proposed equipment with SolidWorks PhotoWorks and SolidWorks Animator successfully enables customers to view, understand, and have confidence, in the specified equipment. E-drawings are also utilised to speak with engineers off-shore for instant communication of detailed information to ensure quick and accurate component identification by customers worldwide.

