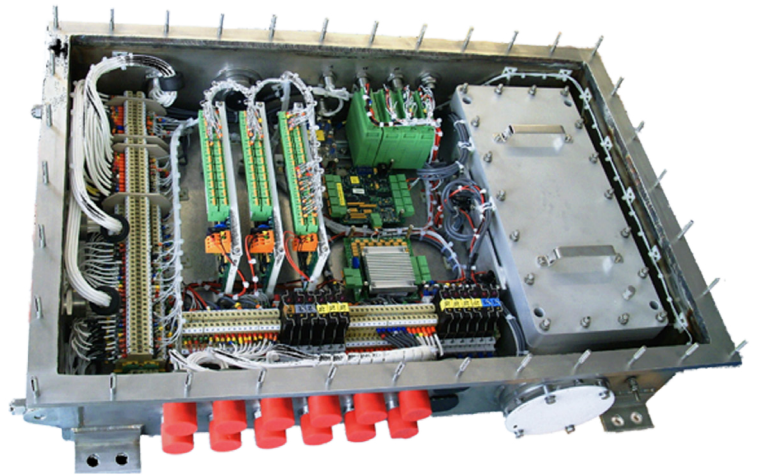
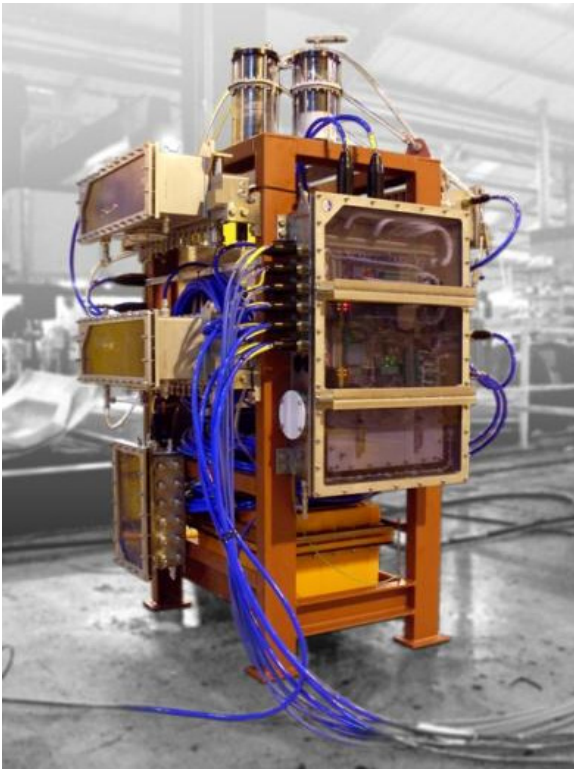


## Well Intervention Control System



### DESCRIPTION

The Well Intervention Control System comprised of seven off twelve station manifolds to be used on a rig less well intervention system. The manifolds were fitted with a quick release mechanism to allow quick connect/disconnect in case of component failure, this allowed the complete unit to be worked on in a more convenient location. The system was supplied with battery back up in the event of a lost umbilical (EQ Emergency Quick Disconnect).

The clients system was PLC based and it was essential to maintain compatibility so the ForumSmart technology was incorporated into this system. To control the system Forum developed a bespoke software control system. The system used distributed electronics that ensured that the loss of one element of the system did not cause a failure in a related system

### SUMMARY

- Client: Helix
- Delivery Date: 2009
- Control System for rig less well intervention lubricator tools.
- 7 off 12 station hydraulic control manifolds + control manifold.
- Battery backup power in event of lost umbilical.
- Accumulator backup allows hydraulic backup in case of lost umbilical.