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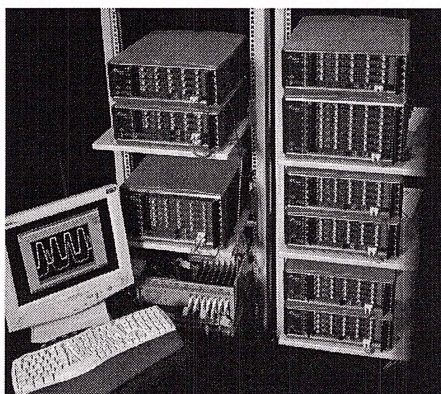
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### AWE Aldermaston select Acqiris Digitizers for Hydrodynamics facility



The AWE Hydrodynamics test facility at Aldermaston includes a number of steel plated reinforced concrete chambers in which explosive experiments can be carried out. The experiments are designed to investigate the properties of materials when they are subject to shock and pressure.

During each explosive test high speed data is recorded at 500MS/s on up to 150 channels and for this application AWE selected Acqiris compact PCI Digitizers supplied by MSL.

The total requirement was for 252 channels that could be divided into nine independent, 28-channel systems for operational flexibility, with data storage and control via PCs equipped with fibre optic PCI interface cards

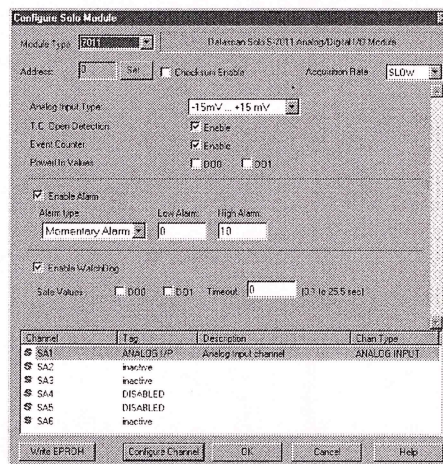
## NEWS

and bespoke software for data analysis.

One of the key features that influenced the purchasing decision was the ability to synchronously clock up to 28 channels from a single trigger distributed across each digitiser via the Acqiris ASbus.

This Acqiris compact PCI data recording system replaces 15 year old oscilloscopes and to-date, represents one of the largest installations of Acqiris instruments.

### Orchestrator's going Solo



Since its release the Datascan Solo I/O range has always communicated with Orchestrator via an OPC server. This has meant lengthy configuration of three separate software packages.