



CALSCAN

precision
temperature pressure
& flow measurement

DOWNHOLE PRESSURE MEASUREMENT

Hawk SRO System

Our field proven Surface Readout (SRO) system has greatly simplified a wireline service company's ability to collect downhole data real-time. How? By making it a operator friendly compact design with the sensor suite and remote connectivity the oil companies require.

The Hawk SRO connection is intrinsically safe so it does not require explosion proof tech cable so the operator simply has to use a standard mil-spec Amphenol to attach the Hawk to the tube wire that attaches to the downhole gauge in the well. Power is supplied with our Corvus Div1 Class 1 solar battery that can be mounted anywhere on the well head without the risk of explosion. This makes it easy and safe for a operator to hook up and leave a spool of tube wire for temporary monitoring situations as well as permanent since no electrician is needed.

At the same time that the downhole SRO data is being collected, the Hawk can collect the surface tubing and casing pressure as well as gas/liquid flow information. All with one unit.

After the data is collected it can be downloaded locally with a SD flash card or sent to via wireless to various satellite communication options. Optionally for permanent systems hooking up to a SCADA system via Modbus.

This is proven technology that has worked in extreme environmental conditions of Northern Alberta where in the winter typically they get 1 hour of full sunlight and the temperatures dip below -40°C.



Northern Canada installation monitoring both surface as well as downhole pressure