

About Us

Established in 1992, MEDCO was born with a vision to provide top-notch consultancy and software solutions to coiled tubing companies. Over the years, we have experienced remarkable growth and have emerged as one of the leading players in the industry. Our commitment to excellence has enabled us to supply hardware and software to major oil and well servicing companies, establishing ourselves as a trusted name in the market.



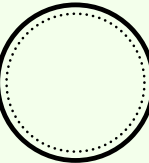
+44-1483-750-600



Medcotas.com



Medco House, Monument
Way East, Woking, Surrey
GU21 5LY - United
Kingdom



REAM.HMI Slickline

REAM.SL

Real Time Electronic Acquisition & Monitoring & Human Machine Interface for Slickline

MEDCO's REAM HMI system is a user-friendly data acquisition system that reads data from electronic sensors and displays the data on a TFT touch screen, which acts as both an input and an output device. The system records the data on solid state SD memory card and allows remote monitoring of the data.

Available in portable design (Flight Case) or fixed design (Stainless Steel enclosure) to suit individual needs.

The system is made of two main parts, REAM is a microprocessor based data acquisition board, which collects data from electronic sensors, digitise the readings, and supply the appropriate power to the sensors. The HMI communicates with the REAM board to retrieve, display, and store the data.

REAM has analogue, counters (frequency), and quadrature channels. The analogue channels accept signals from sensors with 0-5 vdc, 0-10 vdc, or 4-20 mA output. The frequency channels accept pulse signals produced by proximity switches, magnetic pickups, or quadrature signals. The quadrature signals are up/down counter, used for such measurements as a depth.

The outputs are available on Web pages, they can be viewed remotely on a Local Area Network (LAN) or even a Wide Area Network (WAN), provided that proper Internet connections are available. There are many other features in the HMI and these can be tailored to client's request.

Features

- Quick Calibrations (2 Points)
- Advanced calibration (up to 10 points)
- Depth correction in real time using correction factor
- Resetting of analogue and frequency values
- Data and display available via web pages (on local area network LAN)
- Remote data access available via server (Online Portal - Optional)
- Real time clock
- Alarms

