CUSTOMER CHALLENGE

Drilling contractors, operators, and service companies rely on accurate drilling data to make real-time decisions.

IMPACT

Inaccurate and/or unreliable EDRs can slow or even halt operations at a cost of thousands of dollars per hour.

SOLUTION

The Pason EDR is a complete data solution backed by 30 years of proven accuracy, reliability, best-in-class field service, and remote support.

RESULTS

Pason solutions enable customers to drill more efficiently, effectively, and safely.

A network of sensors, software, and displays providing real-time drilling data to rig site personnel.
Electronic Drilling Recorder (EDR)
Links rig site personnel in real time

FEATURES
• Hundreds of sensor traces (5Hz sampling)
• Full suite of calculated traces (e.g., ROP, MSE)
• WITS/WITSML, industrial bus
• Bit position monitored at all times
• Electronic tour sheets, morning reports
• Chat, memos, and other tools

COMPONENTS
• Color touch screen doghouse computer, server
• Rig manager computer, printer/scanner
• Connections for 12 additional workstations
• Network interfaces for communications
• Wireless link from rig to command center
• Basic sensor set:
  • Depth
  • Pump strokes
  • Hook load
  • Standpipe pressure
  • Rotary torque
  • Rotary RPM

SPECIFICATIONS
• IEC/CSA/UL hazardous area compliant
• IEC operational vibration 1G, 5-300Hz
• IEC operational shock, 15G, half sine
• IEC and NEMA ingress protection up to IP55 and Type 4x
• Temperature range from -40°F to +120°F (-40°C to +50°C)

Technology • Deployed • Simply

TECHNOLOGY SOLUTIONS
500+ different pieces of equipment, one simple solution

FIELD SERVICE TECHNICIANS
Over 200 locally based technicians, we work where you work

24/7 TECHNICAL SUPPORT CENTER
90% of software and 60% of hardware issues solved remotely