Enhanced Pit Volume Totalizer (ePVT)
Pason’s next generation early kick detection solution

**CHALLENGE**
Detection of kicks and lost circulation is critical to the safety and economics of a drilling operation, but early indicators of events are missed due to the complexity and overload of data from standard PVT systems.

**IMPACT**
Rigs spend hours or days more in non-productive time (NPT) and incur potential safety issues.

**SOLUTION**
Designed to be rich in data, yet simple in implementation, the Pason ePVT enables drillers to easily view and configure the entire mud system.

**RESULTS**
Fluid gains and losses are detected early providing reduced mud costs, NPT, environmental clean-up, and improved safety.

A system of sensors, interfaces, and alarms monitoring changes in mud volumes and flow rates to provide early indications of kicks and lost circulation.

For more information, please contact:
pason.com | 1.877.255.3158 | help.pason.com for technical product information
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FEATURES

Mud tanks
- Track all fluid on location (up to 32 tanks)
- Monitor fluid gains and losses
- 15-point tank calibration for irregularly shaped tanks

Flow
- Monitor flow out of the well
- Track relative changes in flow from a baseline

Trip
- Track hole fill during a trip
- Dual trip tank support

Pumps
- Support for up to four pumps
- Track total pump strokes and strokes per minute
- Track volume of mud pumped

Alarms
- Audible and visible alarm alerts (indoor and outdoor)
- Configurable alarm snooze
- Alarm log

User Interface
- Intuitive and real time
- Integrated with EDR
- Available on all rig site workstations

SPECIFICATIONS
- 19-inch indoor/outdoor ruggedized touch screen
- Windows® 7 operating system with Microsoft Office 2010
- Class 1, Division 2 certified
- IP66 water and dust resistant
- Operates in extreme temperatures (-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