

ImpAcct MPD Control System

The Stasis *ImpAcct MPD Control System* features a compact design and the processing power to automatically control multiple chokes to maintain bottom hole pressure, making it ideal for integration into rig systems or for use as a stand-alone service. The system enables precise and automated control of the Managed Pressure Drilling process, resulting in enhanced operational efficiency during the drilling process.

Features and Benefits

- **Rugged Panel Design** fit for drilling environment
- **Integrated cooling system** to ensure operational capability in extreme temperatures
- **Remote HMI**
- **WITS communication protocol** for sending and receiving information with data collection systems
- **Made in the USA**

Technical Specifications

PLC Controller

- Monitors inputs simultaneously
- Adjusts the choke(s) as needed to maintain optimal annular pressure
- Allows system to accurately maintain bottom hole pressure

HMI

- Monitor key drilling parameters in any condition
- Allows crew interaction with the driller during connections
- Provides intuitive interaction with the operating system

Multiple Control Modes

- Automated Ramp Schedule for bottom hole pressure management on connections
- Automated Trip Control to mitigate surge and swab conditions
- Manual Trip Control – Slips In / Slips Out
- Set Point Control Mode
- Position Control Mode

Integrated Data Logger

- Allows user to capture data for analysis
- On-board data storage
- Storage capacity for long-term drilling campaigns
- Configurable Alarms for Kick and Loss detection

