The Falcon Fire MP is Scientific Drilling’s high-temperature Mud Pulse MWD system, ensuring safer operations, maximum reliability, precision wellbore placement and deeper reach.

- Utilizes Proprietary TUF™ Preventative Maintenance System
- Includes Full Accelerometer and Drilling Dynamics Package
- Supports Temperatures up to 350°F (177°C)
- Capable of 50 - 1500 GPM Flow Rates
- Supports BHA Sizes 3.125" to 9.5"
- Positive Displacement up to 5 bps
REAL-TIME BOREHOLE MEASUREMENTS OF:

+ Survey Inclination & Azimuth
+ Tool Face
+ API Calibrated Gamma Ray
+ Drilling Dynamics: Axial and Lateral Vibration, Stick slip, Temperature
+ Continuous Inclination
+ Gamma and Inclination

DELIVERING THE ULTIMATE VALUE

+ Pressure-compensated pulser design enabling use in a wide range of bottom hole pressure operations
+ Bi-directional communication for customization of MWD tool parameters while downhole
+ Field-configurable system, enabling flexibility for changing well conditions
+ Innovative electronics and mechanical design delivering optimal performance in elevated temperature operations

TARGET APPLICATIONS

+ Unconventional Resource Plays
+ Directional/Horizontal Drilling
+ Relief well and Re-Entry
+ Magnetic Ranging (Passive and Active)
+ Steam Assisted Gravity Drainage (SAGD)

The Falcon Fire MP MWD is the next generation mud pulse MWD system from Scientific Drilling, delivering maximum reliability, faster drilling, precision wellbore placement, deeper reach, and safer operations.

The system parameters are fully field-programmable, yielding predictable performance in the world’s harshest drilling environments, including extreme LCM conditions.