

## Reduce Cost & Improve Performance

There are many reasons for making adjustments in real time to MWD tools. These decisions include switching configurations, adjusting EM transmission power settings, and enabling or disabling telemetry channels. These options are linked to reducing drilling costs or optimizing tool performance. Typically, these opportunities are ignored because of the risk of NPT associated with flow or RPM based downlink methods. The EvoOne EM downlink system eliminates these risks and saves valuable rig time.

### ZERO INTERRUPTIONS

A major limitation of flow or RPM based downlinking is that it takes up valuable rig time. The speed and automated nature of EvoOne's EM downlink system means zero drilling interruption allowing the MWD operator to continually optimize the tool performance and reduce operating cost. All of this can be done without impacting rig crew procedures.

### FASTEST METHOD OF DOWNLINKING

EM downlinking utilizes EvoOne's proprietary downhole EM signal receiving technology to receive commands from surface. The downlink is automated and is initiated with a click of a button from the Surface Software. Once activated, the time to downlink is less than one minute no matter what command is being sent.

### TROUBLESHOOTING WITH EASE

Troubleshooting situations can be high stress and often result in human error. EM downlinking reduces NPT associated with these events by allowing the tool operator to perform tool resets or configuration changes during flow off events. When combined with EvoOne's transmitted diagnostics data, troubleshooting can be performed seamlessly and without impacting drilling operation.

### REAL TIME OPTIMIZATION

EM downlink provides rapid tool optimization. EvoOne's EM downlink is used to eliminate the effects of interference and reduce power consumption. The tool configuration can immediately be changed to suit the formation or drilling program, allowing it to remain downhole longer.

### ELIMINATE HUMAN ERROR

Human error is often a source of NPT when performing downlinks using RPM or flow based downlink methods. With these traditional methods, it is possible to send the wrong command which will result in additional NPT to send the right command. EvoOne's EM downlinking eliminates human error by introducing a fully automated downlink signal that sends the intended command every time.

