JobMaster data acquisition software

Acquire real-time job data for reliable, flexible operations

**Applications**
- Coiled tubing intervention and drilling
- Cementing, stimulation, and workover operations
- All wells

**Features and benefits**
- Real-time data acquisition
  - Functions seamlessly with CIRCA RT to provide onsite modeling and analysis in coiled tubing operations
  - Processes, records, and displays relevant parameters
  - Enables monitoring of complex, multi-stage treatments with different staging tools
  - Provides direct communication with instrumentation and third-party devices
- Live data display
  - Enables user control over treatment volumes, densities, and stepping/ramping schedules
  - Provides visual alarms when parameters exceed specified limits
  - Adjusts parameters before and during treatments
- Communication and transmission capabilities
  - Enables global communication and collaboration
  - Exports real-time data to other programs, like CIRCA RT
  - Offers remote monitoring

**JobMaster™ software** from Baker Hughes, a GE company (BHGE), acquires operational data in real time and populates live data displays to improve service delivery. This live data feed enables personnel to maintain control during a job to save time and cost while improving safety.

This software enables data acquisition, job monitoring, and display/data transmission. As an integral part of cementing, treatment, and intervention services, the JobMaster system helps align job designs with actual job conditions, ensuring that pressures and other important equipment and safety parameters do not exceed operating limits.

JobMaster software delivers the data needed to control multiple functions.
including treatment volumes, densities, stepping/ramping schedules, multiple-stage fluid and proppant schedules, and running and pulling rates with coiled tubing. The JobMaster system also enables control of parameters before and during treatments, and provides automatic calculation of stage volumes, downhole rates, gas rates, foam quality, and other crucial fracturing parameters. It is also used to feed data into CIRCA™ Real-Time (RT) coiled tubing modeling and CYCLE™ pipe fatigue software.

Visual alarms are set to notify the user when the job parameters exceed specified limits, and an automatic shutdown notification is sent in the case of overpressure and other critical conditions. Users are able to monitor their jobs remotely over cable, wireless, Internet, or private VSAT satellite access (available in countries that permit data transmission).

The software integrates with BHGE systems and communicates with third-party data acquisition hardware and software (including the CIRCA software suite) using TCP/IP, Modbus, WITS level 0, and ASCII protocols.

For more information on JobMaster data acquisition software, contact your local BHGE representative or visit BHGE.com