

Moblize Darp Suite: Aiding Operators in Data Collation and Analysis

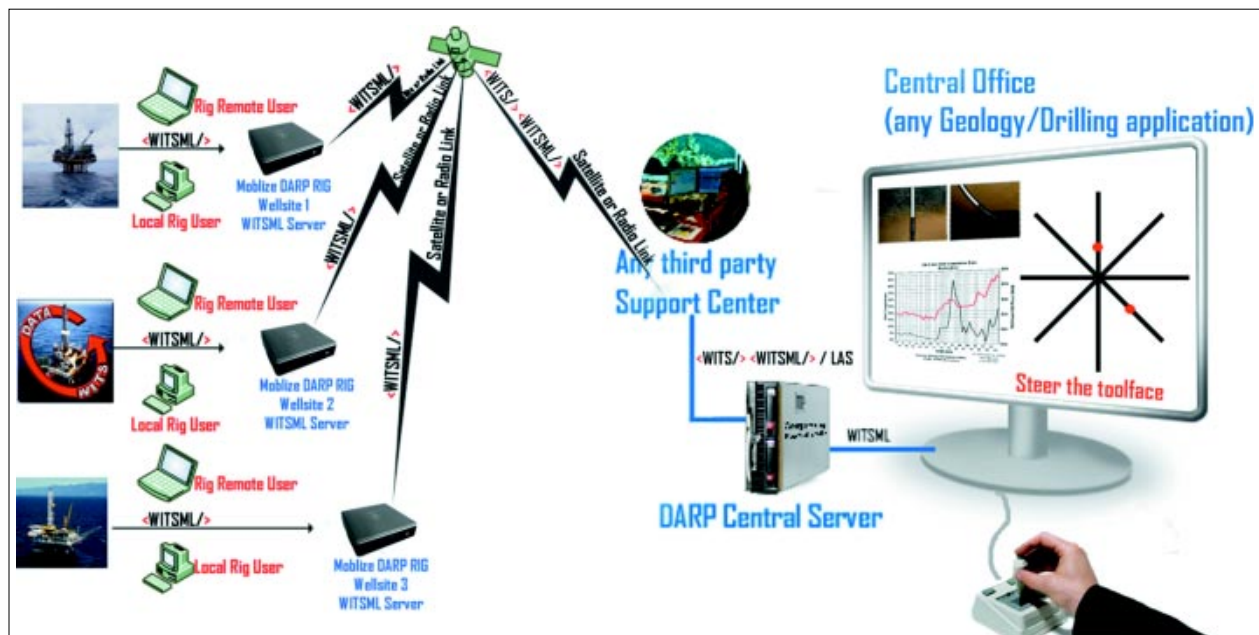
Moblize., Houston has launched a new vendor neutral solution "DARP - Decisions and Results with Peers" to gather oil field data from drilling, production and completion in Witsml (WellSite Information Mark Up Language) or ProdML (Production Mark Up Language) compliant format and send it to operators' central office locations from the remote sites. WITSML or ProdML is like a 'universal language' that enables data from any source from service providers like excel sheets, text files, WITS (Wellsite Information Transfer Specification), LAS (Log Ascii standard), SCADA, production applications, maintenance applications etc. to be aggregated, stored and transmitted in single language for the convenience of the user. By making all data accessible in a single language/format instantly (i.e. WITSML or ProdML) programs

(specialized interpretation software in your E&P shop) can access any relevant data (knowledge) needed to address any problem.

In the field, it installs a tiny portable computer (you can easily attach a visual display) sized a little larger than a handheld computer. The computer has solid state hard drive and no fan, ensuring that there are no moving parts to fail.

The computer can gather data in real time from virtually any field equipment, MWD, LWD, other vendors, or production applications and transmit it to your preferred interpretation packages like those offered by SLB, Hal, Baker, Smith Services and others.

Mobilize believes that its system is more flexible than others on the market, because it is not limited to any particular service or technology, and can work with any software, not just proprietary software.



The Mobilize Data Management Solution in Field

The Mobilize computer can be used to gather data from virtually any SCADA systems, well logging applications, programmable logic controllers (PLCs), RTUs (Remote Terminal Units) simultaneously and make all applications today work seamlessly with each other.

If desired, the field staff can connect a monitor display to the computer, so they can see the 'Quality data' as information coming out of the field equipment and monitor trends simply via a web browser.

The tiny computer can be easily connected to any wireless communications equipment in the field, including RFID systems and mesh wireless sensors, making it easy for company man, production field technicians and drilling engineers to access information while anywhere on the rig site.

The system could also be used to track the location of assets or even people at the field site, if they have been fitted with, or are wearing, RFID tags. The computer has a solid state hard drive and no fan, so there are no moving parts which can get clogged up with dust or fail for other reasons.

At the corporate office (Knowledge/Wisdom)

By making it easier to send field data as one single source format to the corporate office, it becomes easier for more experts to contribute to field decisions by accessing it on demand using any interpretation G&G or drilling applications.

Further, It becomes easier for experts to get involved, share via drag/drop variety of application in an environment where they can collaborate with peers anywhere and anytime, make effective decisions virtually from their desktops on well bore stability, pore pressure and in general well health performance. Also, experts can get a complete picture of what is happening in the field, and then act on decisions instantly. For example, a collaborative decision could be to steer the tool face remotely to a new direction, control mud pumps etc. effectively and by click of a button from anywhere and anytime they can act on the decision and see the results.

Where's the value?

The biggest value is that WITSML or ProdML is a universe where usable data is owned by the operator, not the service provider. This is as it should be. No longer do operators need to consult some service company's crystal ball to derive knowledge from the data they have paid for. Operators can now run safe operations remotely like drilling and train new members from one single office location as opposed to going to rigs.

Operators can buy the best of breed interpretation applications they prefer, reduce NPT (Non-productive time) of their personnel as everything is available from one place accessible to all securely instead of having to call field personnel and requesting data.

PET

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