

DRILLING & EXPLORATION WORLD

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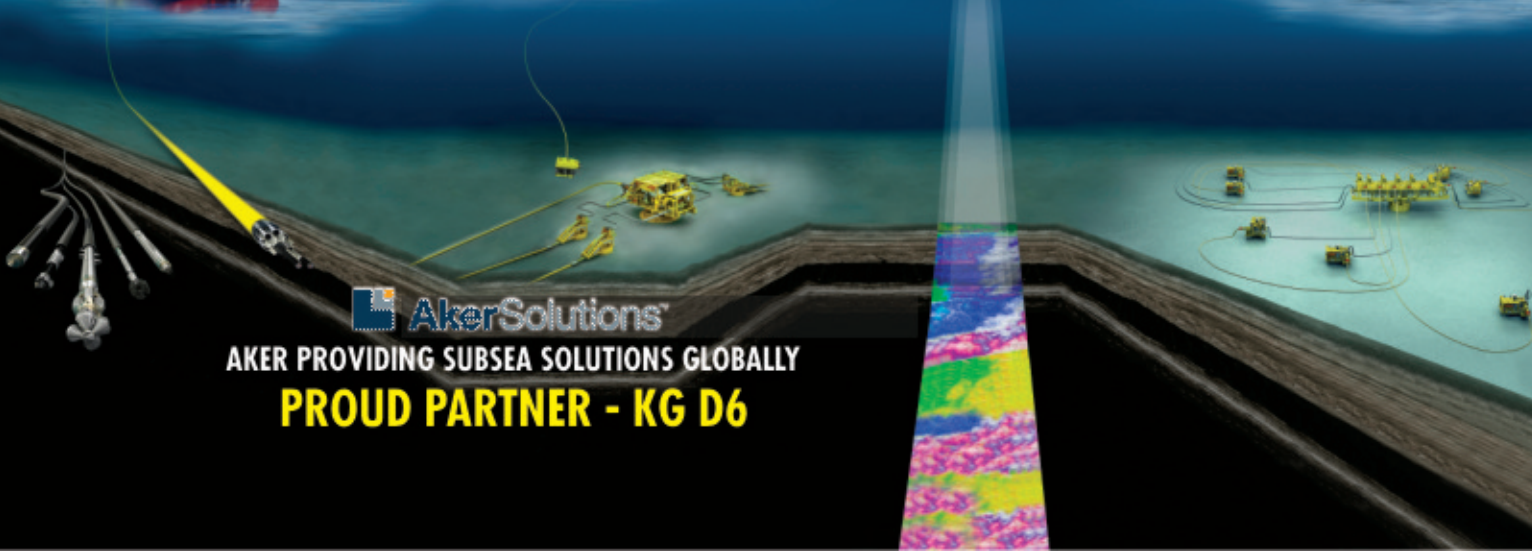
Kuala Lumpur Convention Center  
Malaysia



Gas production has commenced from Reliance Dhirubhai 1 and 3 in KG D6 block. Among the world's largest deepwater production facilities, this has the potential to transform India's energy landscape. A report (p.24)



## GAS UNLOCKED



 Aker Solutions

AKER PROVIDING SUBSEA SOLUTIONS GLOBALLY

**PROUD PARTNER - KG D6**

# Connect, Share, Collaborate to make effective timely decisions on well health

WITSML 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. No longer are operators tied to a single service provider with an arcane data base only they can interpret. In many cases, there is no need to use an expensive service provider to get easy access to their data, because anyone’s data can be rendered in WITSML, which makes integration with other well data seamless and instantaneous.

By : Amit Mehta, Founder & CEO, Moblize

**M**oblize., Houston has launched a new vendor neutral solution “DARP, Decisions and Results with Peers” together oil field data from drilling, production and completion in WITSML (WellSite Information Markup Language) compliant format and send it to operators central office locations from the remote sites. WITSML is like a ‘universal language’ that makes data from any source from service providers like excel sheets, text files, WITS (Wellsite Information Transfer Spec-

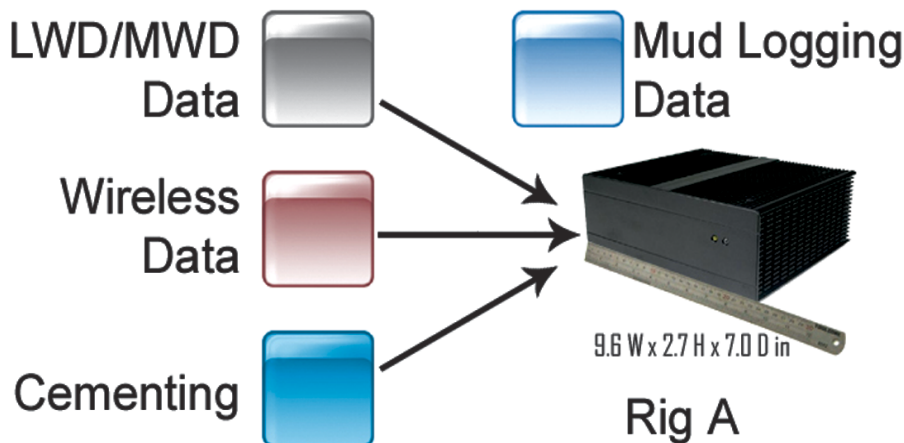
ification), LAS (Log ASCII standard), others aggregated, stored, transmitted and managed for the convenience of the user. By making all data accessible in a single language/format instantly i.e. WITSML, programs (specialized interpretation softwares) can be written to access any relevant data (knowledge) needed to address any problem

In the field, it installs a tiny portable computer, (u can easily attach a visual display) sized a little larger than a handheld computer. The computer has solid state hard drive

and no fan, so there are no moving parts to fail.

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

The company 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 Moblize tiny computer can be used together data from virtually any SCADA systems, well logging applications, programmable logic controllers (PLCs), RTUs (Remote Terminal Units) simultaneously.

### The Moblize Data Management Solution in Field

The Moblize tiny computer can be used to gather data from virtually any SCADA systems, well logging applications, programmable logic controllers (PLCs), RTUs (Remote Terminal Units) simultaneously.

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, drilling engineers 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.

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.

It becomes easier for external experts to get involved, make effective decisions using same data 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, using any preferred drilling or other analytical software system.

### Where's the value?

The biggest value is that WITSML 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. No longer are operators tied to a single service provider with an arcane data base only they can interpret. In many cases, there is no need to use an expensive service provider to get easy access to their data, because anyone's data can be rendered in WITSML, which makes integration with other well data seamless and instantaneous. [dewjournal.com](http://dewjournal.com)

### ABOUT THE AUTHOR

Amit Mehta is Founder & CEO of Moblize. Moblize has been ranked for the past two years as top 100 technology providers in US by national magazine (Machine 2 Machine technology) which includes names like GE, IBM, Honeywell, for most important and influential real time solutions.

Mr. Mehta graduated from Cambridge University, UK in Design, Manufacture and Management program and has served at Mckinsey & Co. He regularly consults with senior VPs of fortune 100 companies like Chevron, Waste Management, Intel, Fritolay etc. on next generation collaboration platforms that could result in business and operational innovation for their enterprises. He has over 10 yrs of experience in implementing next generation real time enterprise solutions in financial, retail, oil and gas upstream and downstream.



## 2009-10 Field Training Programmes on



## MODERN DELTA'S: EAST COAST OF INDIA

### Excusive Training Programmes on Mahanadi Krishna - Godavari and Cauvery Deltas



The deltas are the most dynamic parts of a coastal region witnessing high rates of sedimentation, responding to the coastal evolution in response to sea level changes and tectonic. Delta-related deposits usually have a high potential of hydrocarbons as stratigraphic traps.



The Training programmes will be organised only once or twice during the period November 2009 - March 2010. With very limited intake of participants in each Training programme, book early to avoid disappointment.

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