

## How Side-by-Side use of Mixed Recording Technologies Increases Productivity in Land Exploration.

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## **Summary**

## **Acquisition With and Without Cables**

With the proliferation over recent years of new land acquisition systems which do not need digital transmission cables for their operation, the industry is coming to grips with the advantages of "new era" cable-free products.

However, the portrayal of land exploration now needing to choose between either cable-based hardware or cable-free systems is a distorted one. Currently, both technologies offer their own various and unique benefits, so there are advantages in being able to operate one crew with more than one hardware group simultaneously. This not only has the benefit to oil companies and contractors of allowing on-going use of existing recording system inventory, it also is the quickest way to increase productivity while moving us ever closer to the large affordable channel counts implied in talk about "mega-channel".

Additionally, none of these new cable-free systems are identical. Falling into or three two broad categories, their deployment side-by-side cabled systems is investigated, along with revisiting how to use sensor technology for best advantage.

With examples of mixed-mode land operations in real field conditions, we examine the lessons learnt and discuss what combination of methods will most easily allow us to get "Back to Exploration".

## References

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