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**Second Generation Cableless Recording Systems and Source Controllers -
The Declaration of Independence for Land Seismic Acquisition.**

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Summary

The philosophy of design of almost all major land recording systems currently in use is to see them as a part of a tightly integrated unit, of which the sensors, sources and source controllers also form an essential but inflexible part.

However, the most recent acquisition techniques as well as requirements for better HSE exposure, require sources and receivers to be essentially independent - free to be used however geophysics require them too, and not restricted by some idea first agreed at the drawing board stage of product development. The advantage of this freedom is that exploration becomes hugely more flexible, safer and lower cost.

This paper examines the latest system design philosophies which declare independence for the newest land equipment. The use of such equipment heralds a new era for exploration, equal at least to when the industry went routinely from 2D to 3D.