

- LAND
- ↓ DOWNHOLE
- ~ SEABED
- ≡ MARINE



WTU-508

Wireless Transmission Unit



508 XT

Powered by **X-TECH**®



Ahead of the CurveSM

WTU-508

The WTU-508 is a single channel autonomous land node collecting seismic data in its internal memory with 30+ days autonomy. It benefits from Sercel's new XT-Pathfinder technology to deliver wirelessly up to 100% spread real-time quality control to the recorder. Fully integrated in the 508^{XT} platform, it further reinforces 508^{XT} as the new paradigm in land seismic acquisition.



Reduced field effort

Deploying, powering and assigning a WTU-508 is as simple as placing the unit at the stake and plugging a geophone string into the connector, while status monitoring and alerting are taken care of by the XT-Pathfinder network.

Improved data quality

With the WTU-508, the observer has access to real-time field noise status giving him the option to stop or limit shooting during periods of high environmental noise, and as wireless harvesting allows data to be collected during acquisition, data QC is easily performed as a background task.

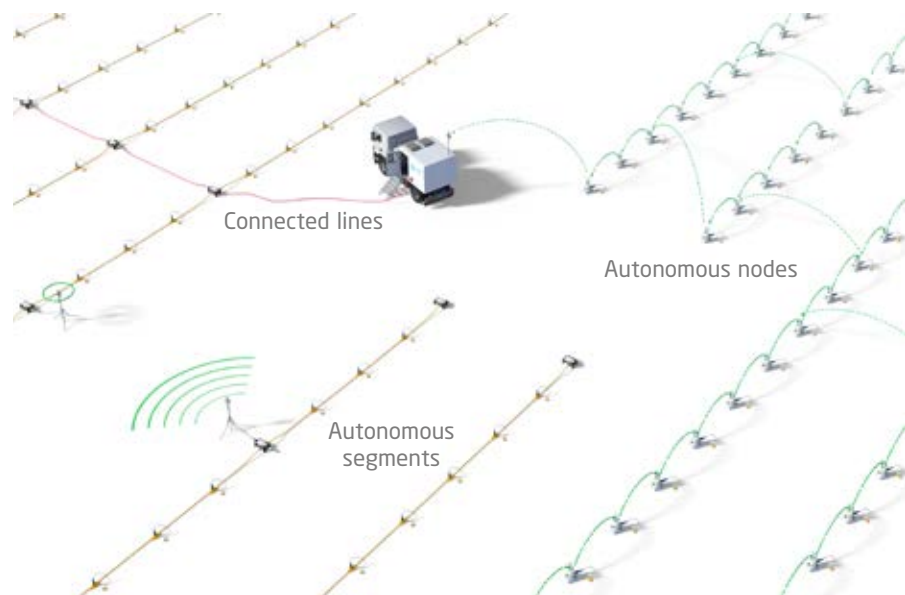
Enhanced Data security

Dead or missing units are quickly detected thanks to the monitoring feature, allowing the field crew to quickly investigate and fix the issue, while the amount of time that data is left in the field can be greatly minimized through wireless harvesting.

// A SINGLE LAND PLATFORM

WTU-508 is a new X-Tech node that adds to the 508^{XT} platform even greater flexibility for survey operations, from complex small-scale urban surveys to high-productivity mega-crews.

This seamless integration allows you to adapt your equipment mix to the demands of the survey ensuring that you always have the most appropriate solution.

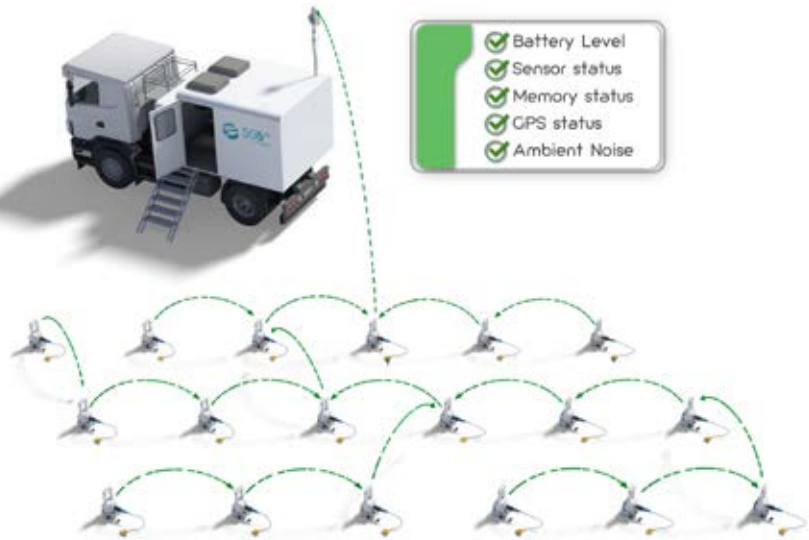


// UP TO 100% MONITORING

With the WTU-508, you can monitor in real-time and without any additional infrastructure the state of health of each seismic channel as well as ambient noise levels.

This new capability is possible thanks to Sercel's XT-Pathfinder technology which automatically creates a wireless network capable of connecting all WTU-508 nodes to the recorder. Field logistics and troubleshooting are minimized as the XT-Pathfinder can respond dynamically to any changes in spread configuration.

You can now have up to 100% monitoring of your operations without any constraints and ensuring your peace of mind.



// A SMART SOLUTION

Theft alarm

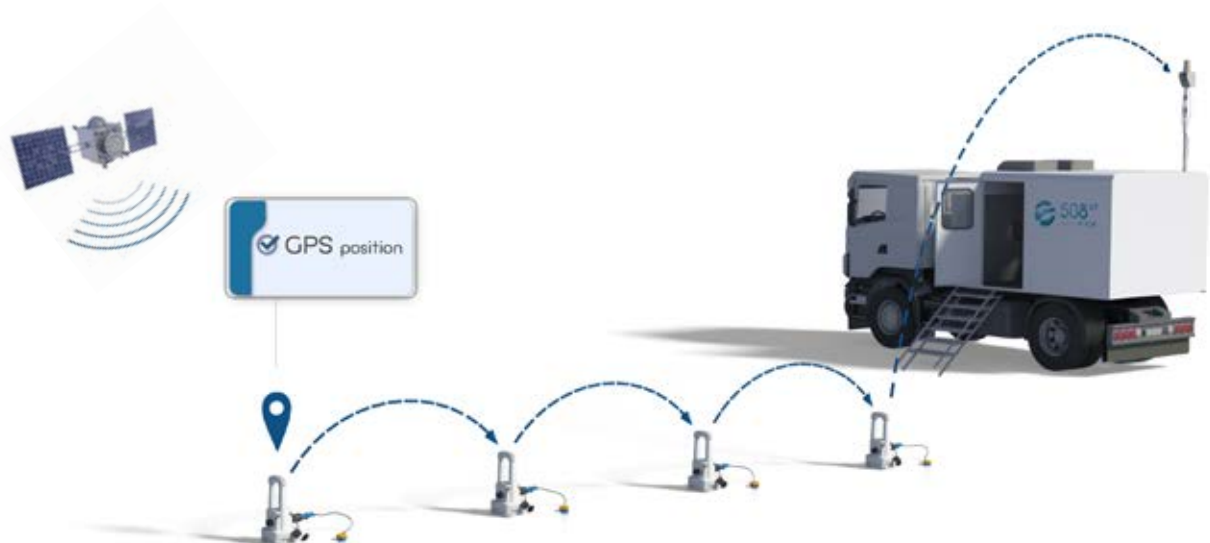
Each WTU-508 is checked on a regular basis using the XT-Pathfinder technology. Any nodes missing or unresponsive will be immediately reported at the recorder for investigation, minimizing production loss.

Wireless data harvesting

The WTU-508 collects seismic data in its internal memory ready for data retrieval on the fly using the latest generation of Sercel's high speed wireless harvesting.

Self-assignment

Each node's GPS position is automatically transmitted to the recorder thanks to XT-Pathfinder. All the WTU-508's spread locations can thus be automatically assigned without any additional effort.





508^{XT}
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