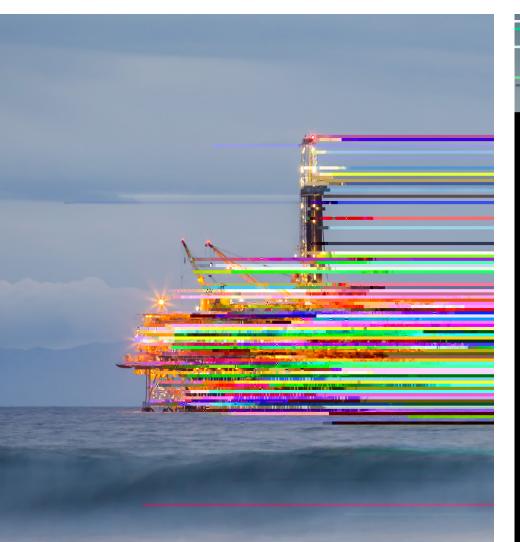
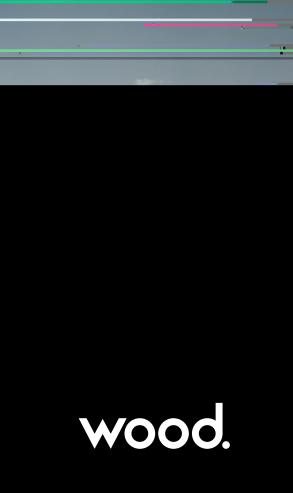
## Virtual Metering System







Wood provides robust, real-time online and offline digital tools for the efficient management of oil and gas operations. Virtuoso® is a field proven suite of software tools, with more than 20 years' successful track record of performance in the field.

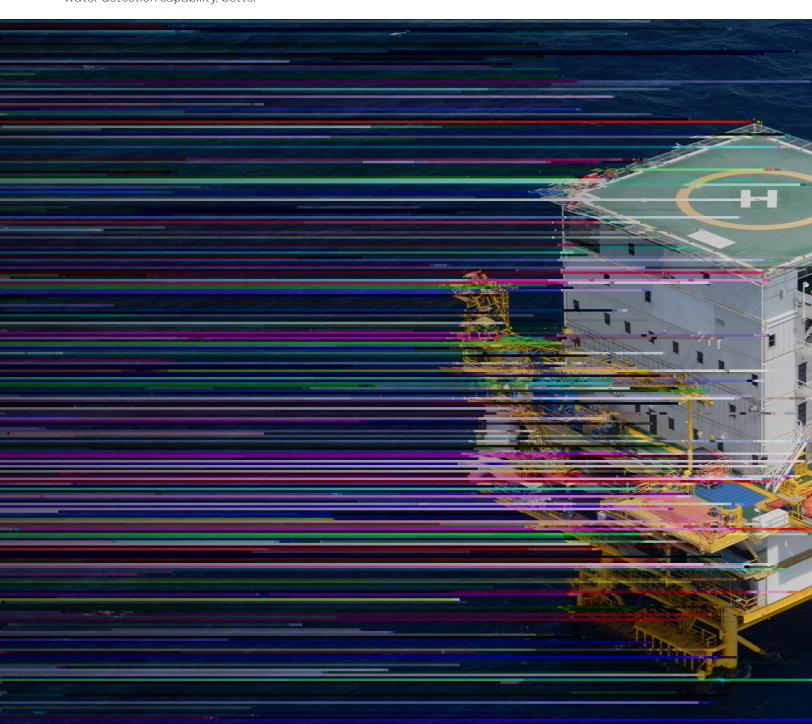
Wood technology supports engineering studies, operator training and simulation of wells, pipelines and processing facility operations both onshore and offshore.

## ( DQ)

Virtuoso/VMS has a specialised module for detecting changes in water content of each well. The system advises of the presence of water in a specific well, quantifies the loading, relays the adjusted water content to the VMS and the Virtuoso pipeline models to allow tracking of the water through the production system and for improved validation against topsides metering.

VWDS offers unique features that greatly improves the overall water detection capability, better than conventional physical meters. It is applicable to both oil or gas dominated systems, with the latter particularly key as quantifying the water loading is critical to management of the inhibition requirements.

Virtuoso well models also allo each well. 2h 28 5 m (Vir)-11 (tuoso) 953 195 D 22 O fmbeor of



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The need for change has never been greater. In our industries, in the way we treat our planet, and in how we live.

To challenge the status quo we must be brave – it's having the courage to forge new answers. We're 40,000 inquisitive minds, on a quest to unlock solutions to the world's most critical challenges, across all of energy and the built environment.

United by our mission to create a sustainable future as the world evolves to a cleaner planet. Our bold spirit drives us to lead the charge, our actions transform challenges into solutions, and our curiosity keeps us pushing,















