

# Member's news

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## Proserv technology helps accelerate Woodside's Shenzi North first oil

Global controls technology company Proserv and Trendsetter Engineering, a provider of specialised subsea solutions for the oil and gas sector, have engaged their respective expertise to successfully deliver their unique high integrity pressure protection system (HIPPS) to accelerate initial production at Woodside Energy's Shenzi extension months ahead of targeted first oil in Q1 2024.

Proserv and Trendsetter first penned a Memorandum of Understanding in late 2021 which has seen the former combine its cutting-edge energy production control systems and related services, alongside Trendsetter's state-of-the-art pressure protection systems, connection systems and manifolds, to engineer their BSEE approved offering.

Their technology brings together Trendsetter's HIPPS module and Proserv's field proven HIPPS subsea controls into a SIL 3 rated solution, enabling an operator to tie a new high pressure well, safely and flexibly, into existing lower pressure infrastructure, effectively addressing varying pressure regimes by supplying a high reliability, localised safety system that will shut in automatically in the event of a pressure spike.

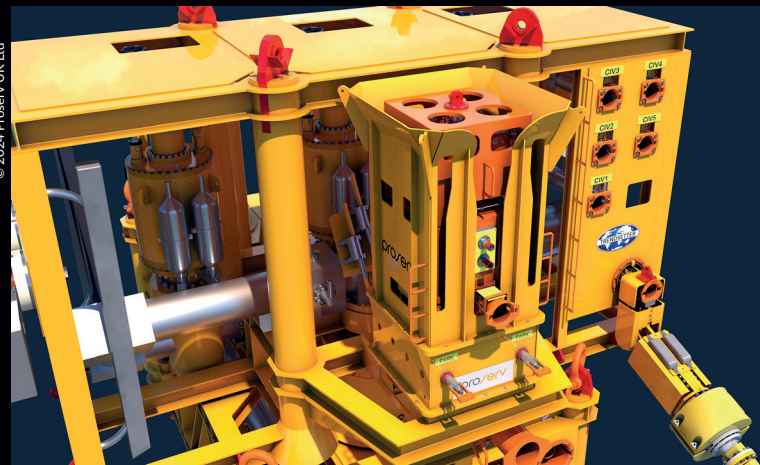
The HIPPS innovation has been designed to adapt to greenfield, brownfield and infrastructure-led exploration, entirely able to co-exist with already installed networks. By delivering the required protection safeguards to prevent the need for time-intensive and cost prohibitive new high pressure rated infrastructure to be installed to tie in a new well, the HIPPS technology can be integrated as a 'plug and play' concept.

Woodside's Shenzi North expansion project saw a final investment decision taken in July 2021, with first oil achieved from this deepwater asset only 26 months later. Start-up was achieved five months ahead of the original target of Q1 2024.

Proserv's sister company Gilmore, the Houston based flow control solutions specialist, supplied high reliability quick exhaust valves to its HIPPS technology innovation alongside Trendsetter.

More widely, Proserv's relationship with the Shenzi field first commenced several years ago as part of the on-going subsea upgrade work with its augmented controls technology, widely known as ACT, being engaged through numerous key phases to help drive production efficiencies. Davis Larssen, Proserv's CEO, said:

“This is a landmark moment in our tie-up with Trendsetter as we seek to deliver best-in-class quality and advantage for customers. It has been hugely satisfying to work with Woodside and to play our part in its successful, and swift, journey to first production. Our HIPPS technology offers a highly reliable means of maximising and unlocking assets in deep waters, while taking advantage of the many gains and efficiencies from using existing infrastructure.”



Proserv and Trendsetter's HIPPS technology