HOLOWELLS Digital Twin Well Construction Platform

ISO 9001
BUREAU VERITAS
Certification

UKAS
MANAGEMENT
SYSTEMS

As the oil and gas industry adjusts to the new economic climate and the lower price of oil, operators are confronted by the pressing need to lower costs and increase efficiency. Therefore, the digital transformation of the oil and gas industry has become an imperative if companies are to succeed in this digital era. HOLOWELLS is the platform created by Vertechs for well construction sector. The real-time data in well construction is diffused seamlessly between the digital models and physical entity to enable co-existence, and advanced algorithms are integrated in the platform to enhance the understanding and connections between people and operations.

Features

- Real-time equipment & subsurface data acquisition, processing, and reflection in 3D models.

- Holographic 3D models increase user experience and enhance remote communications.

- Advanced algorithms improve operation understanding, hazard prediction and operation risk mitigation.

- Create an intuitive approach to manage massive operation data, and enable playback for training and recap.

- Enable remote specialist support.

- Proven modules for drilling and cementing applications.

- Compatible with standard protocols in oil and gas industry. Easy to implement.