



## Dimensional Control



UTECH offers advanced three-dimensional metrology and data analytics for a wide range of industries. Using precision instruments and experienced personnel, UTECH can help clients safely and efficiently determine precise three dimensional positions during the construction phase of their equipment, land or subsea, anywhere in the world.

UTECH has delivered dimensional control services globally since 2006, with a focus on the energy industry. UTECH teams have travelled to diverse locations such as such as Finland, Ghana and the UAE to meet and exceed our clients' requirements.

Expertise via the Newfoundland, Canada office has been a rich seem of expertise in providing precision dimensional control services to the heavy civil engineering, mining and construction industries.

UTECH offers the following dimensional control services:

- Pipe fabrication QC for design and efficient replacement
- Pipeline/spool route surveys for clash detection
- Subsea asset 3D offset measurements and connection-hub attitude to match subsea metrology as-laid positions
- Mobile offshore drilling unit / vessel fabrication and dimensional QC
- Precise leveling and alignment surveys for mining mill equipment
- Heavy civil fabrication, concrete foundation and anchor bolt positioning
- Module fabrication for mating purposes
- 3D modeling
- Precision layout survey
- Vessel gyro compass and MRU calibrations
- Vessel sensor offset surveys
- Vessel differential global positioning system verification