

Marine survey data analysis software development

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Titan Environmental Surveys Ltd is a multi-disciplinary marine and environmental surveying company. With 30 years of experience in [Hydrographic](#), [Oceanographic](#) and [Environmental](#) surveys within the nearshore and coastal region. At Titan Environmental Surveys they aim to provide outstanding environmental surveys within the UK and across the Globe.

Rationale

SEACAMS2 assisted Titan Environmental Surveys Ltd in developing a product which will allow more effective use of data and its analysis for clients. SEACAMS2 helped develop a software using GNU licensed programming languages to take in raw magnetometer data from marine surveys, collate between instruments including offsets and output a smoothed dataset to account for outlying data points.

Outcome

This project provided a Python based analysis tool for use with towed instrumentation datasets.

