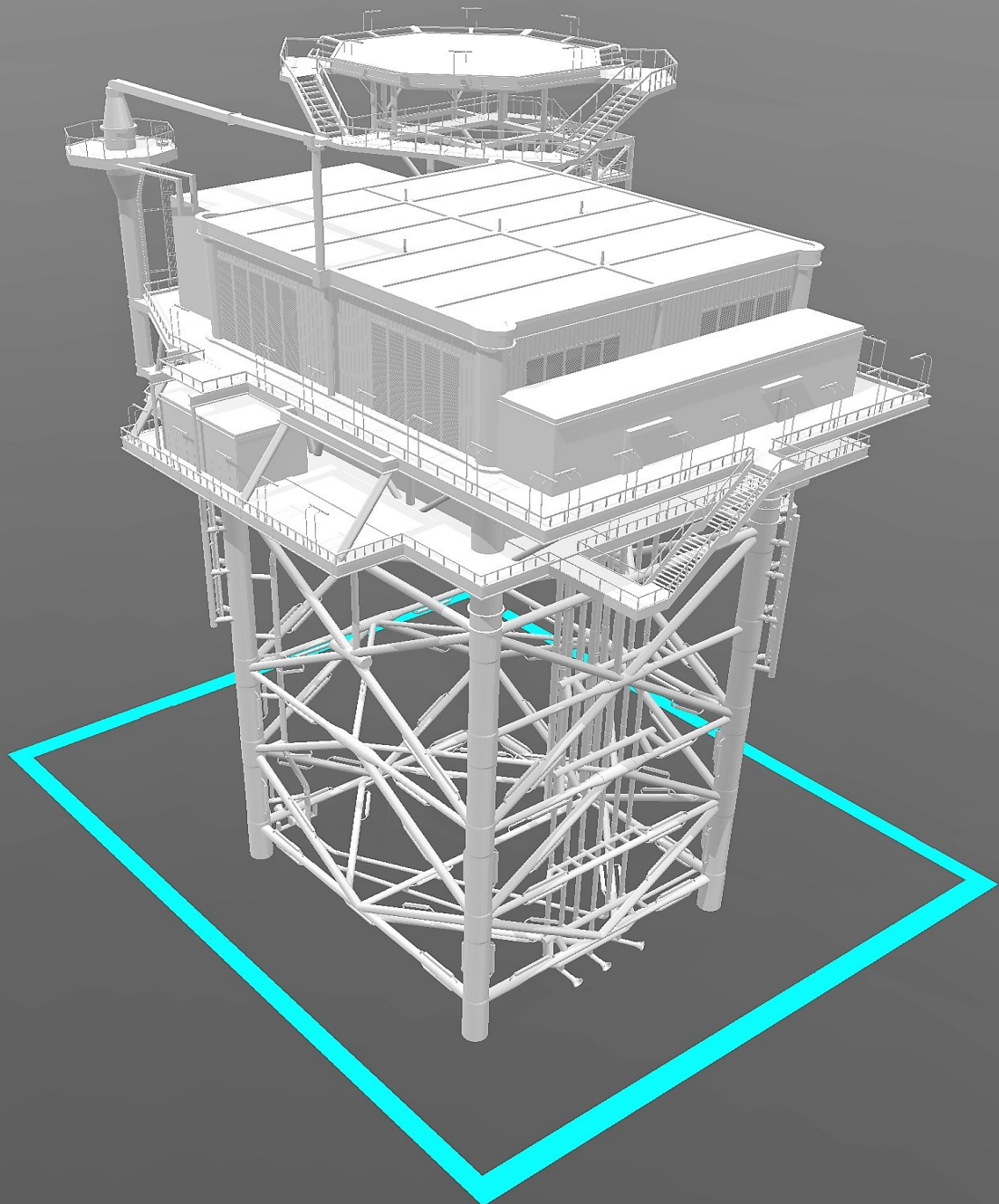




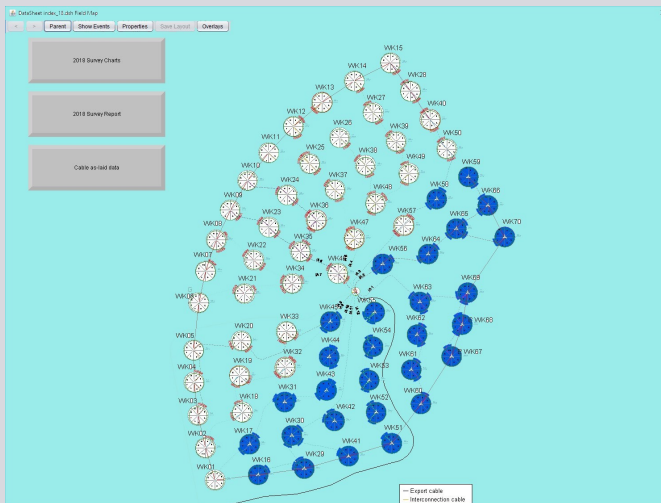
DataVerse



Manage your Integrity not your Data



Offshore renewables structures

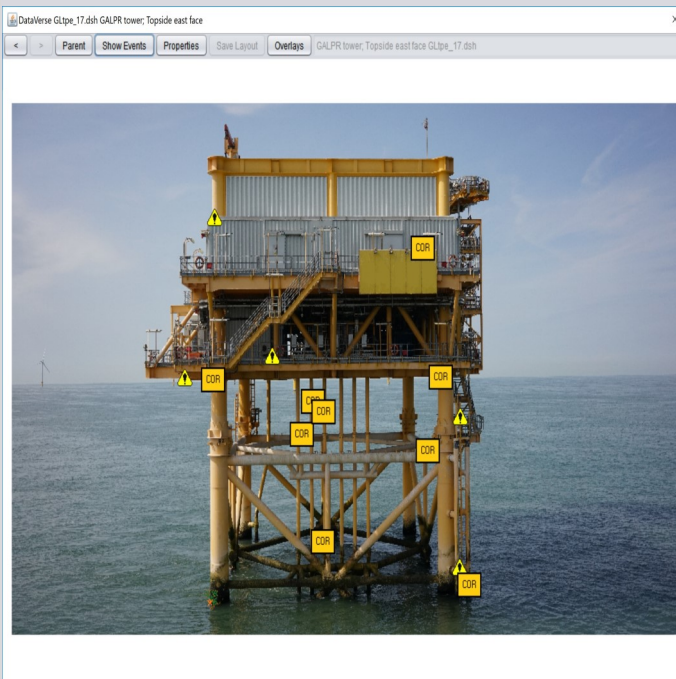


The recorded events from ROV surveys can be directly tagged to the structure by the inspector. To discriminate between event types, the tags are colour coded for ease of identification.

The 3D sub-station jacket can be rotated, panned and zoomed allowing the user to quickly move around the structure and inspect any area of interest in detail.

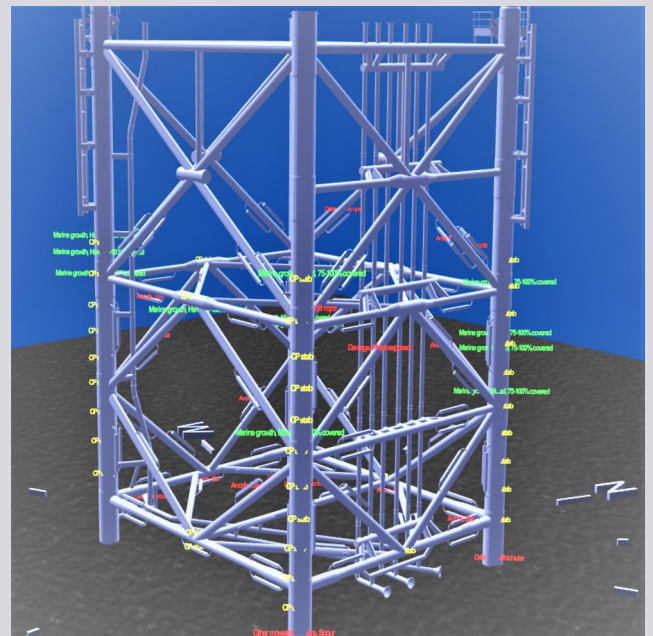
Relevant subsea HD and SD video can be assigned to any tag which can be instantly re-called without having to search through masses of data recordings. DataVerse can easily import and display multibeam, point cloud or Blueview data around offshore structures.

BlueView imagery provides perspective of cable entry into the J tubes, lengths and heights of suspensions of cables into the structure particularly in areas of poor visibility.



DataVerse provides a simple and robust way of recording and managing integrity data and information for all types of offshore assets. It has evolved from use in the Oil & Gas sector and has been adapted to offer a robust and versatile application for use in offshore renewables.

From the top level field map it is a simple process to select any individual asset such as an offshore sub-station or any field monopile and then drill down and inspect the asset details.

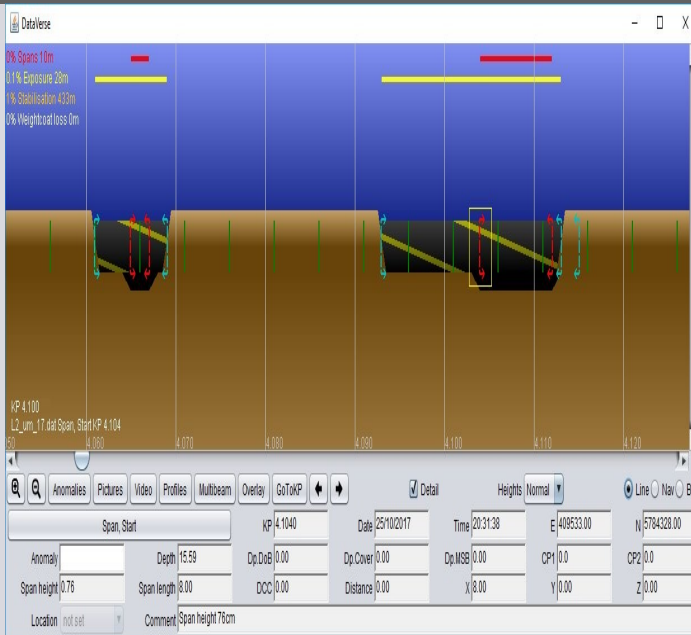


UAV inspection of a jacket topsides is a safer means of obtaining high quality information in the form of HD video and still images. Within DataVerse the topsides can be similarly tagged with any events of interest. Tags can be applied to 2D or 3D drawings.

UAV HD video can be assigned to these tags and be instantly re-called without having to search through masses of data recordings.



Offshore renewables cables

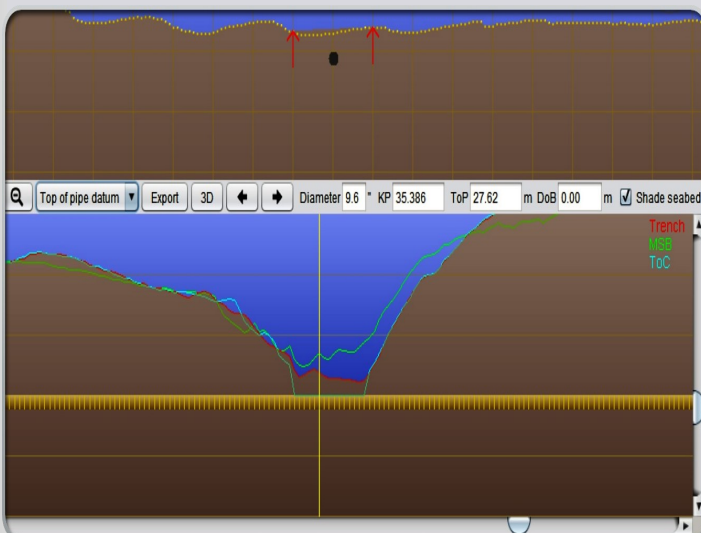
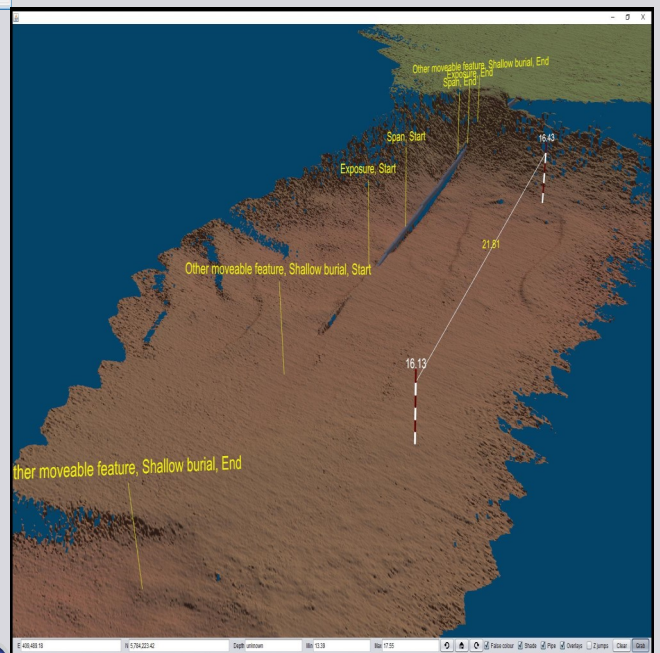


DataVerse can easily import and display multibeam or point cloud data around offshore structures or along a cable route.

Multibeam for multiple years can be compared to assess changes in seabed bathymetry over time. Heights and distances can be easily and quickly measured to assess height of product above mean

Subsea cables are critical for the transfer of power from an offshore windfarm. In DataVerse, the subsea cables can be visualised in a number of different ways to help in the assessment of their integrity. The entire route can be viewed or specific areas zoomed in.

A Single Line Diagram view shows features and their locations.



DataVerse can store and display Transverse Profile Data files allowing both the longitudinal profile and cross profile along the cable route to be displayed. Scrolling through the route, areas of shallow burial or exposure are easily identified.



Further details

DataVerse is a Java based application, hence it is very flexible and adaptable. It is also a client based application, there is no requirement to load data into a back end database, which reduces the need for IT support and database administration.

There are numerous other features built into DataVerse which makes it a truly versatile yet powerful application for the Integrity Manager. There is a strong emphasis on data QC with minimal user effort. An entire survey and all of its data types can be checked against acceptance criteria very easily. Reports are easily generated and compiled from user selected criteria, with outputs such as excel lists and charts easily created.

To fully appreciate the benefits and features of DataVerse please contact us for a demonstration to see how this application can benefit your organisation.

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Join the following Companies that already use Dataverse to manage their asset integrity

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We mean energy