

# FlexTrack™

*No more worries related to flexible lines*



*Having well documented information at the right time can be the single most important issue in managing flexible line integrity. FlexTrack™ enables operators to have full control of their flexible line system in an easy-to-use digital platform. Time spent on integrity assessments can go from weeks to hours.*

4Subsea offers products, services, and software related to flexible pipes, umbilicals, and ancillaries used for subsea operations, including **Annulus Vent Gas Monitoring (AMOS™)**, **Portable Annulus Tester (PAT™)**, **Integrity Management**, **Repair Clamps (EPIC™)**, **FlexTrack™**, **FlexIns™**, and **Untethered Pipe Inspection Tool (UPIT™)**. We specialise in **Flexible Pipe Engineering and Research**.

## KEY BENEFITS

- Easy access to both design and operational data, enabling better decision support
- Enables control of high risk failure modes through continuous processing of dynamic data
- Secures early warning of progressing failure modes with high confidence trending of performance indicators
- Gives valuable input to life extension
- Improves ability to make operational decisions quickly and confidently
- Ensures secure exchange of data between stakeholders
- Transforms information into insight through interaction with third party apps such as PowerBI and Python



## Information Control for Better Decision Making

Integrity management of flexible lines and umbilicals involves several technical disciplines and sources of information. The data basis for the integrity status is often stored and managed out of context in different software systems, which makes the information scattered and inaccessible. As a result of this, status assessments are based on batch processing and review of data with 6-12 months' delay between evaluations. Click [here](#) for a short video demonstration of FlexTrack™.

## Live Data Management

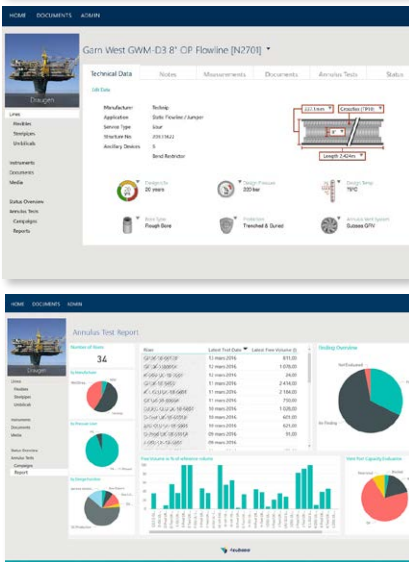
We believe that having well documented data managed in a context based and live system can be the single most important issue in demonstrating integrity. That is why we offer FlexTrack™ as part of our services. The solution has been actively used by 4Subsea on all integrity management projects since 2008 and is central for e.g. Shell Norway to keep track of their flexible pipe system.

## Key Features

- Interactive field layout
- Intuitive and context based dashboards powered by Microsoft PowerBI embedded
- Provides Annulus test dashboard, PA11 calculator, fatigue calculator, and weather on site information
- Live pressure and temperature data for the lines
- Historic timeline for the assets
- Utilisation of 4Subsea's digital services federation as secure access within the organisation (already in use by Shell, Statoil, GE, FMC, Sintef, and Aker-Solutions)
- FlexTrack™ runs on the Microsoft Azure platform (PaaS), utilising Azure's scalability features to the full

*"In this solution we have access to technical information and expertise when we need it, since the engineering expertise is built right into the system"*

Senior Subsea Engineer Arild Nybø in Shell to Norwegian tech magazine Teknisk Ukeblad.



4Subsea is a leading provider of technology and services that help operators maintain production from subsea oil and gas fields and offshore wind farms. By combining expert engineering competence, practical experience and a digital service, we ensure the integrity of assets all the way from reservoir to deck.

We deliver solutions on a unique digital platform, aiming to be in the forefront of digitising oil, gas and offshore wind operations worldwide. The company was established in 2007, and clients include all the major oil and gas operators as well as the large suppliers of subsea equipment.

Click [here](#) to view a short video of our solutions and offerings.

**4Subsea - Share ideas, move forward**

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