

Efficient Operations for Maintenance



Business challenges

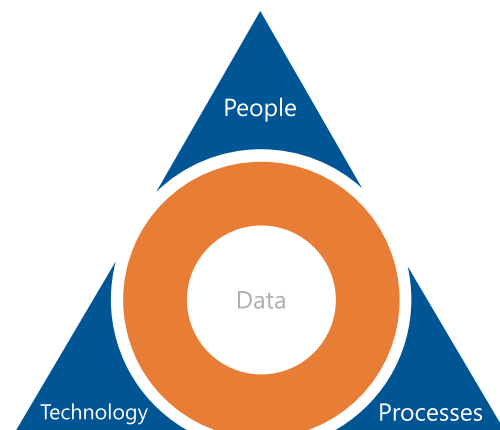
Through Absoft's unrivalled experience of optimising operations and maintenance processes for operators, drilling and oilfield service companies, we consistently find the following pain points:

- > A lack of confidence that maintenance personnel are adhering to core procedures and processes across shifts, crews, assets and regions
- > SAP® Computerised Maintenance Management Systems (CMMS) do not reflect operating procedures, or miss essential data for compliance with industry standards and regulations
- > Asset Registers have gaps and structural issues, not reflecting the physical reality of assets
- > Personnel are struggling to capture consistent, accurate and meaningful data in your CMMS
- > Technicians spend too much time in front of a PC and not enough time on the job
- > There is an overreliance on Excel® to capture essential data which should be recorded and reportable in your SAP CMMS

Absoft has developed comprehensive solutions to overcome these challenges through our Efficient Operations service line for upstream oil and gas.

What we do

Absoft delivers best practice, SAP based solutions designed to improve the efficiency of your maintenance processes. We recognise that the successful delivery of a change program demands 'joined up' solutions, especially in upstream oil and gas. A successful change initiative doesn't just focus on **Technology**, but respects that the technology is there to support a **Process**, that **People** need to understand the processes and technology, and that **Data** is the lifeblood of an ERP system. Our optimisation service addresses all four dimensions to ensure that a solution will be adopted, consistently used and ultimately deliver value for your business.



Technology

Absoft design and implement tailored SAP software solutions in accordance with specific statutory requirements for the UKCS and Norwegian Continental Shelf.

Our SAP solutions ensure operational compliance in:

- > Performance Standards Management
- > Risk Mitigation Management
- > Deferral Management
- > Compliance Date Monitoring
- > Critical Equipment Management and Reporting
- > KP4 Adherence



We also provide pragmatic SAP based solutions to optimise:

- > Planning and scheduling, using traffic light status reports to highlight maintenance order constraints
- > Condition monitoring, determining the inspection frequency for safety critical equipment
- > Material status in the supply chain, prioritised by maintenance order and discipline

Absoft also provide SAP mobile solutions, suitable for deployment in ATEX environments with intermittent connectivity. Mobile solutions allow maintenance teams to increase wrench time, improve data quality and allow access to real time information. Absoft has partnered with Neptune Software to develop a suite of mobile apps which can be completely customised quickly and at low cost, suitable for use on any handheld device. Apps are available for simplified document creation, document approval, easier goods receipts and time writing.

Processes

Based on 10 years' experience of delivering optimised solutions within the business units of supermajors and integrated services companies, Absoft delivers best practice process content which can accelerate your maintenance implementation and optimisation initiatives.

Absoft helps you to define or enhance core processes for corrective and preventative maintenance.

Based on best practice in upstream and a proven history of delivered benefits, our process optimisation service covers **5 stages**:



We will compare your current processes with your peers and Absoft's best practice benchmarks, delivering greater efficiency, lower costs and improved customer satisfaction ratings.

As a part of our Process Optimisation service, Absoft offer best practice based operations and maintenance process flows, swim lane diagrams and pro-forma procedures.

People

Technology or process change will not be absorbed in the long term if the workforce is not upskilled into the changed ways of working. To ensure that the people side of the equation is addressed thoroughly, Absoft provide:

- > Upstream SAP operations and maintenance specific training courses that can be tailored to your organisational requirements
- > Training Needs Analysis and competency assessment services to 'flesh out' the initial training program and establish a sustainable training and competency regime

- > Offshore and on-the-job training from BOSIET certified SAP consultants
- > Classroom based training at customer sites, or from Absoft's state-of-the-art facilities
- > A flexible e-learning approach to cater for your operational requirements

Our objective is always to ensure that when we run a training course, the attendees leave understanding not just the 'what' and 'how' aspects of following the process, but also be able to understand the 'why'.

Data

Absoft works with customers to improve the health of their Asset Registers, measure asset performance and improve the management of information. Accurate data is the foundation which supports all decision making for continued safe and efficient operations.

Our Asset Data Health Check provides a comprehensive report against your Asset Register and related maintenance planning data, delivering improvement recommendations based on safety, efficiency and cost.

Our Asset Performance Analytics service provides an assessment of compliance and core maintenance KPI's, derived from NORSOK Z008 and ISO 14224 (Annex E) standards. This service provides over 20 'out of the box' reports for performance across run-hours, cost, man-hours and readings and addressing topics such as performance, availability, cost, backlog, 'worst actor' and more.

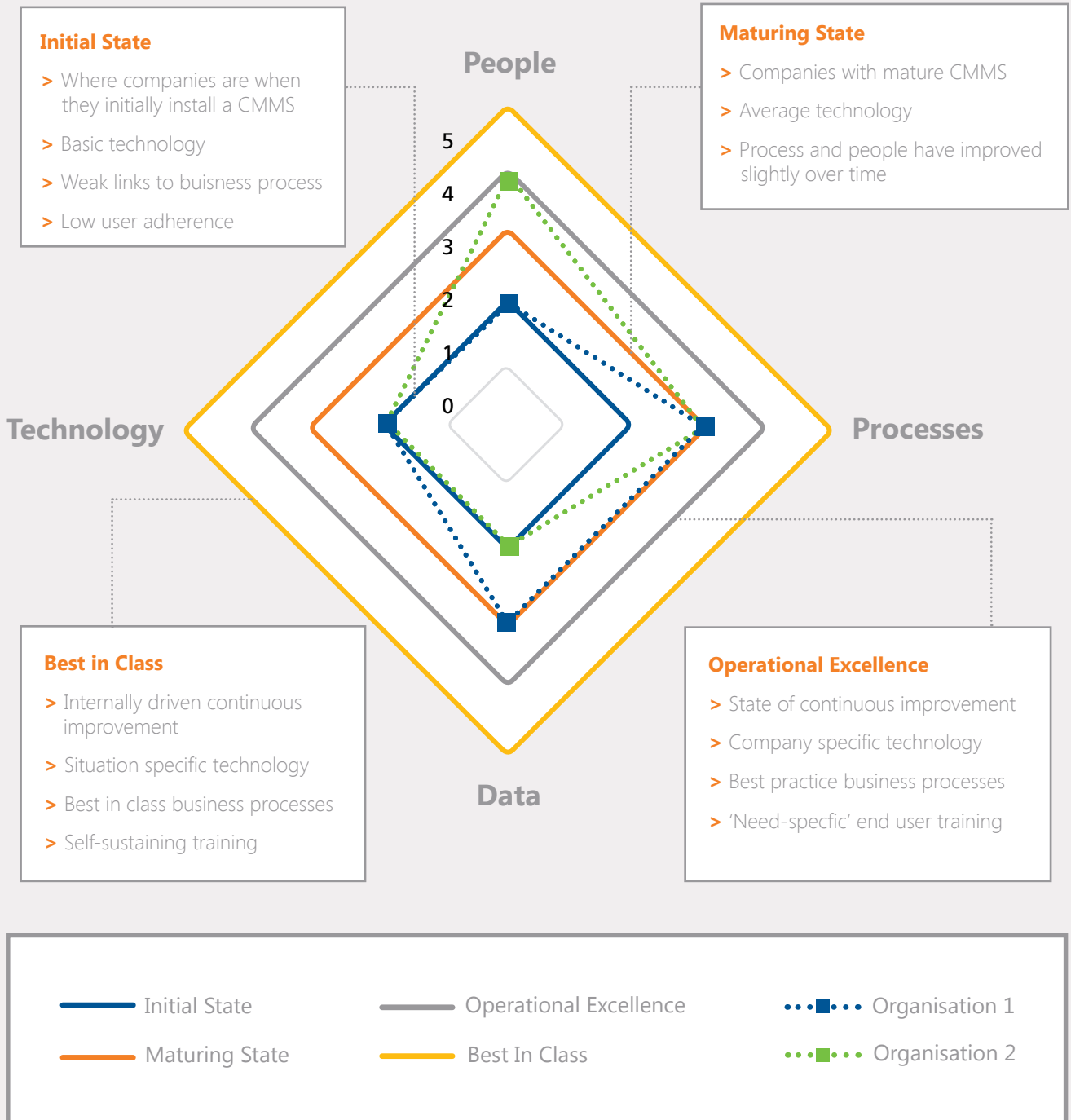
What we deliver

In summary, here are some of the areas where Absoft can deliver added value for your operations and maintenance:

- > Sustainable training regimes and new refresher training
- > Effective CMMS user training
- > E-learning for occasional and remote users
- > Improved industry compliance
- > Increased wrench time productivity
- > Reduced production downtime
- > Lower work order backlog and fewer 'stock outs'
- > Improved management of safety critical equipment
- > Accurate master data to facilitate informed decision making
- > Increased transparency of asset data
- > Detailed equipment and tag history

Where are you on the PPDT Maturity Map?

Absoft has experience of delivering solutions for operators and oilfield service companies at different stages of maturity with the four key dimensions of People, Processes, Data and Technology (PPDT).



Business impact

Our Efficient Operations service line offers a number of solutions for maintenance optimisation, but what are the tangible benefits and impact for your business?

We have already helped our customers to achieve:



10%

increase in 'Performance to Plan' metrics by managing resource constraints

10%

reduction in work order backlog by introducing compliance window tracking and improved materials traceability



12.5%

increase in wrench time productivity due to higher quality data and a reduction of paper-based admin using SAP mobility solutions



Auditable maintenance status and deferral processes centralised in the SAP CMMS



Industry standard certifications for the maintenance and management of safety critical equipment



Prioritised maintenance planning using the consequences and probability of failure matrix

Why work with Absoft?

There are a number of SAP partners out there, but it is our extensive experience in upstream oil and gas which sets us apart from the competition.

- > We have been supporting upstream operations in the UK and Norwegian sectors for over 20 years
- > On average, our SAP consultants bring over 10 years' of hands-on experience in the maintenance and operations function before joining Absoft
- > Many of our customers have internal business system capabilities and global support arrangements. Absoft prides itself on the ability to provide niche expertise as and when you need it.



About Absoft

Absoft is a dedicated SAP specialist, established in 1991. Our SAP expertise, preconfigured templates, solutions and accelerators mean we deliver the best business and technical solutions for your individual needs to the highest standards of quality, quickly.

We are the only SAP partner to specialise in upstream oil and gas. We are working with leading players in the industry and have been for over 20 years, uniquely combining business process, oil and gas and SAP expertise to deliver best practice solutions globally.

Call Absoft on +44 (0)1224 707088 or visit www.absoft.co.uk for more information.

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