

Integrated planning for effective resource optimisation upstream



Business challenges:

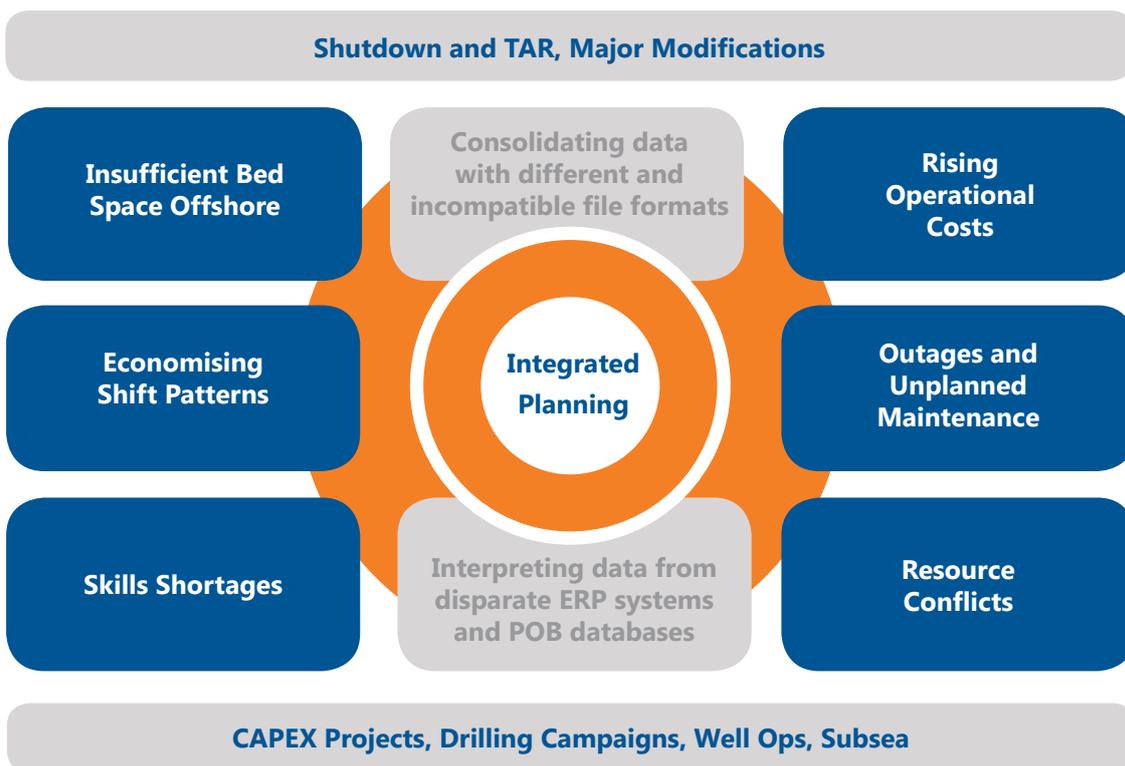
Integrated planning involves scheduling resource requirements to optimum levels for safe and cost efficient asset performance.

Planners manage critical interdependencies between resourcing levels, essential skill requirements and provision of offshore accommodation across assets. With many variables at stake, this is already a particularly challenging role, but planners are now under increasing pressure to optimise workforce utilisation due to rising operational costs.

Planners require a clear asset view of available resource for CAPEX projects, operations, modifications and planned shutdown activities at all times.

But what if retrieving this essential data involved interpreting different fields, stored as incompatible file formats, residing in disparate and non-integrated systems?

Safe, sustainable and cost effective asset performance is at risk.



An integrated planning solution:

SAP® specialists Absoft has partnered with Safran Solutions®, a premier provider of Enterprise Project and Risk Analysis (EPRA) to deliver integrated planning and resource optimisation solutions, which negate the need for expensive product integrations and additional reporting tools.





Fully integrated:

Safran® Project™ forms a seamless offering within Absoft's SAP portfolio for upstream oil and gas, integrating with the SAP Plant Maintenance (PM) and Project Systems (PS) modules. This enables planners to manage all aspects of project governance from a single planning board.

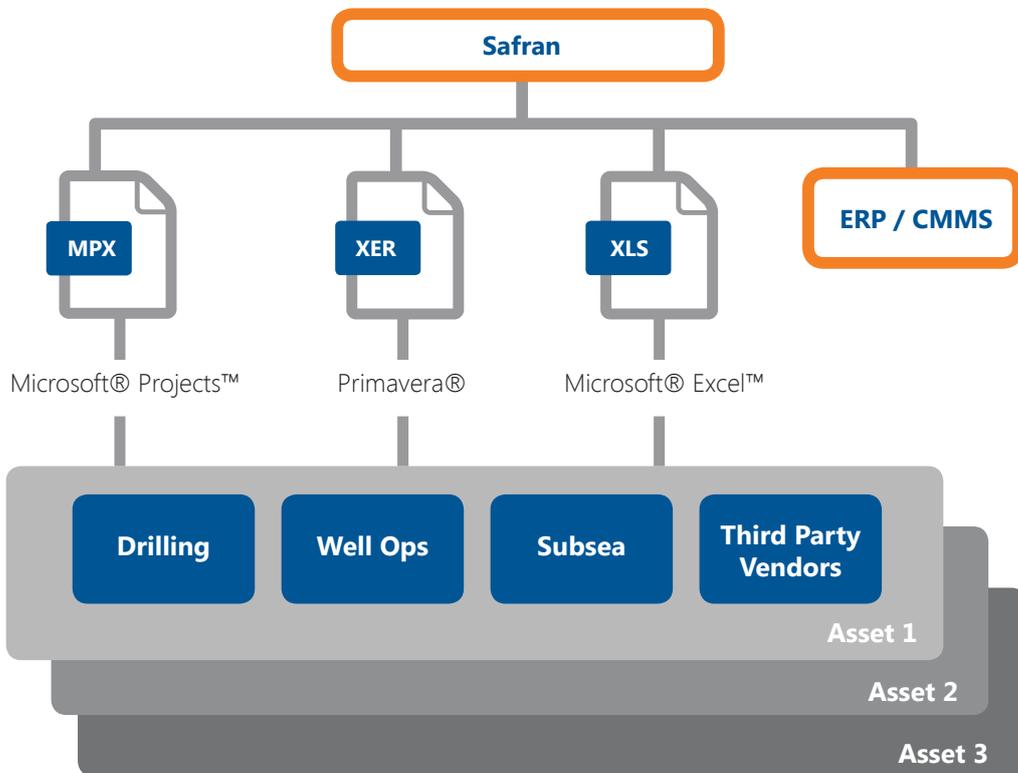


Data broker:

Planners collate essential data from multiple departments, project teams and third parties, which is received in different file formats and extensions. Safran Project offers powerful field mapping functionality which extracts information into SAP regardless of the file format and extension. This automated process significantly reduces the administrative burden for planners to manipulate essential information into a standard format for interpreting.

Features:

- > Converts data with different file extensions (XLS, MPX, XER) into a standard viewable format
- > Maps fields to create a consistent format and layout for data interpretation





Graphical scheduling:

Scheduling and resource allocation is typically a complex process of navigating multiple screens to complete transactions in SAP. This flaw has sanctioned the development of many dedicated scheduling tools which integrate with SAP.

Safran Project includes an intuitive graphical user interface for scheduling and resource assignment.

The holistic approach to integrated planning, however, is the distinct advantage for Safran Project over dedicated scheduling tools with full visibility into resource spending, resource conflicts and demands from projects and operations.

Features:

- > Custom resource type by labour, man-hour or cost material
- > User defined project calendars and scheduling
- > Graphical resource assignment



Custom reporting:

A comprehensive reporting module is available within Safran Project. Users can sort and filter project data from common resource and scheduling charts (Histograms, GANTT, PERT views) or customise ad-hoc reports with full control over layout and formatting.

Features:

- > Configurable reports
- > User-defined selection, sort and filtering
- > Extensive performance and comparison reporting



Variable controls:

Historically, planners have depended on rigid planning and scheduling software which restricts the flexibility to accommodate scope growth. Safran Project allows planners to adapt to variation orders with full traceability and control of change statuses, benchmarked against baseline and current plan estimates.

Features:

- > Schedule impact documentation and analysis
- > Status tracking of changes



What-if analysis:

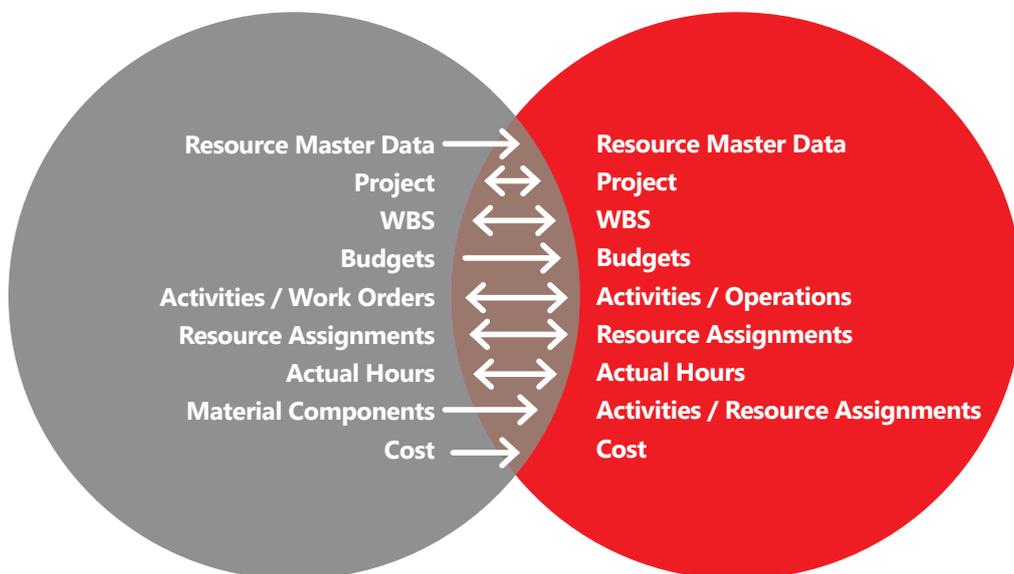
What-if scenario analysis allows planners to compare two or more 'versions of the truth'. Safran Project provides flexible forecasting options to evaluate the outcome of deferring non-essential work or resource levelling, which assists planners to revise schedules and execute plans more effectively.

Features:

- > Impact and scenario analysis
- > Flexible forecasting
- > Revised schedule comparison

SAP expertise:

Absoft can support with the integration of data flows between SAP and Safran to develop a robust planning board. The integration process can include uni-directional integration for resource master data, budgets, material components and costs from SAP into Safran Project as the source of master data.



Upstream expertise:

With over twenty years' experience in upstream oil and gas, Absoft consultants offer first-hand experience of SAP best practice for project planning, scheduling and resource optimisation.

Our consultants can:

- > Provide extensive knowledge of SAP Plant Maintenance and Project Systems modules
- > Augment existing scheduling processes with automated and repeatable solutions
- > Introduce extended planning and scheduling functionality
- > Train planners on effective planning and scheduling techniques

Business impact:

The combination of Absoft's upstream SAP process expertise and Safran's world class planning and scheduling software enables our customers to maximise their workforce and asset productivity:

Together, we can:



Sustain high production levels and asset performance with optimum resource assignment



Reduce scheduling conflicts with access to cross project reporting views across assets



Save money investing in separate reporting, analytical and scheduling tools



Customise reports quickly and effectively with user defined fields for stakeholder engagement



Maximise resource levelling functionality to optimise bed space offshore



Streamline cost and manhour performance and correct deviations against baselines

About Absoft

Driving operational excellence and enhanced business performance through SAP best practice.

Absoft is a leading SAP specialist for upstream oil and gas, with implementations across 40 countries worldwide since 1991. For more information visit: www.absoft.co.uk

About Safran

World-class software, experience and know-how to plan and execute successful projects.

Safran Software Solutions is a leading provider of Enterprise Project Portfolio & Risk Management solutions to project and asset intensive industries. For more information visit: www.safran.com

Contact Absoft on: +44 (0)1224 707088 or email info@absoft.co.uk for more information.

Aberdeen | Stavanger

T. +44 (0)1224 707088 E. info@absoft.co.uk W. www.absoft.co.uk

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OIL & GAS SAP SPECIALISTS