Data driven Well Integrity and Reliability Management

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ExproSoft

ExproSoft Offerings

WELLMASTER
FOR INCREASED UPTIME

Reliability Management

Integrity Management

Enables E&P operators to improve well planning and operations through well integrity management, reliability analytics, and well life simulation. Supports NORSOK D-010 and ISO 16530 well integrity management standards for onshore and offshore wells.

MIRIAM
RAMSTUDIO

RAM analysis for facilities design.

Provides transport, maintenance and spare parts optimisation, and production availability analytics.

Used upstream & downstream by operators, system vendors, and consultants.

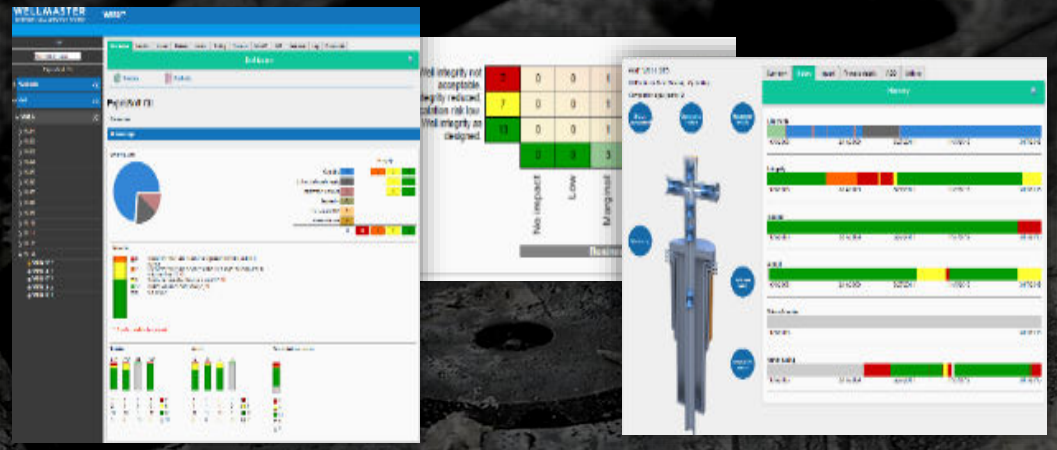
ExproSoft
Expert Services

Well integrity & risk experts, helping operators with well planning, lifecycle cost analysis, barrier risk assessments, blowout analysis, BOP reliability.

ExproSoft Reference Software Clients

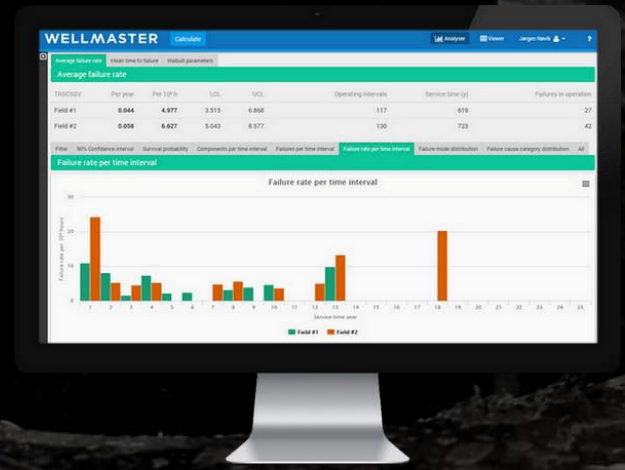
WellMaster
Increased Uptime through Well Integrity & Well Reliability Analytics

World leading off-the-shelf
Well Integrity Management System



Provides E&P operator with:
- Risk Management of well portfolio
- Consistent reporting throughout organisation
- Single-source of information for well integrity data
- KPI tracking and benchmarking
- Integration and automation to reduce data collection cost

Analytics and Simulations on top of the
World's Largest Database of
Well Reliability Data



Provides E&P operator with:
- Well equipment performance analytics in the cloud
- Access to reliability data shared by operators globally
- Prediction of interventions and downtime for assets
- Reliability based approach to maintenance and well activities planning

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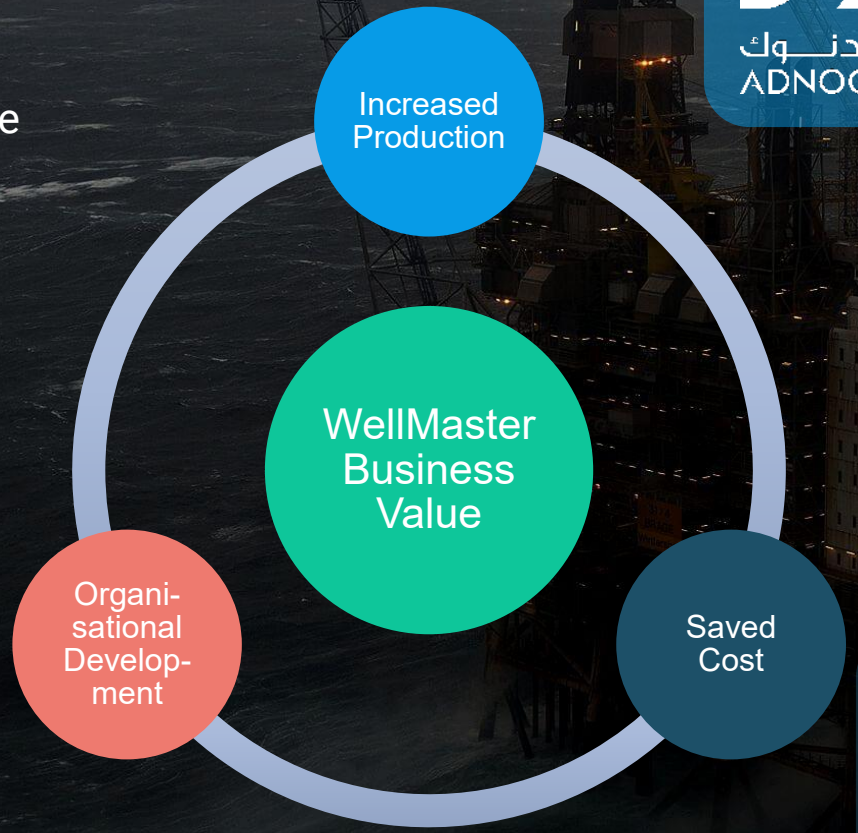
The Added Value of Successful WellMaster implementation

WellMaster provides business benefits beyond well integrity compliance.

Here are some of the statements we have from clients:



ADNOC

- Increased Production by 18%.
- Reduced number of wells shut in from 179 (2009) to 56 (2015)

TOTAL

- Increased organisational maturity
- Provides common understanding from operations through corporate
- Elevated importance of well risk

origin

- Managed offshore and CSG wells within 1 team, and 1 single solution
- Reduced man-hours required for reporting and data collection

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Well Integrity Challenges

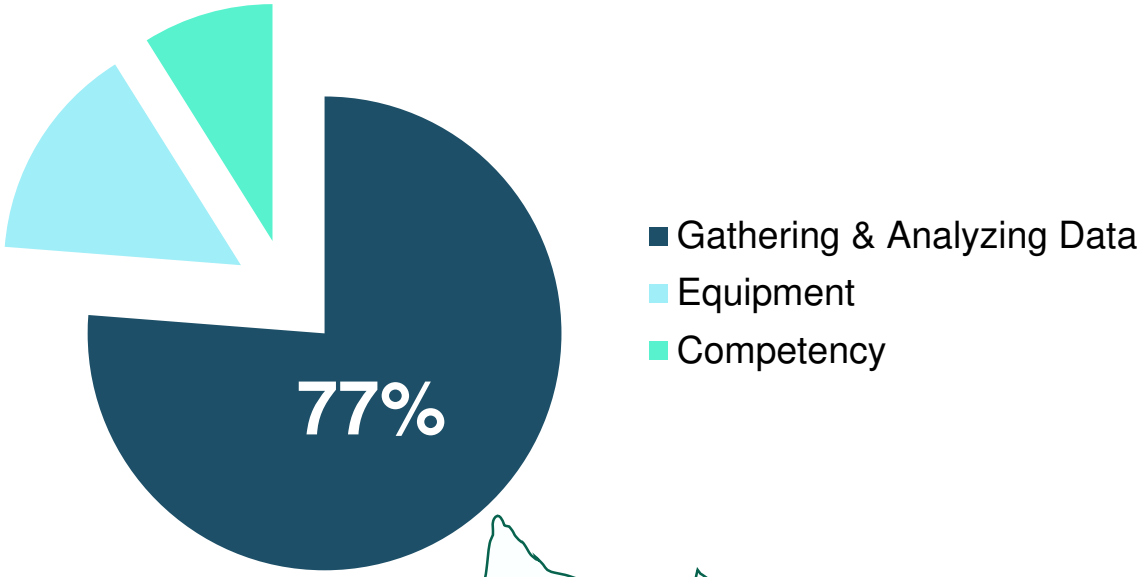
Complete situational awareness
- Full common understanding of well integrity status
- Resources spent on solving issues and decision making

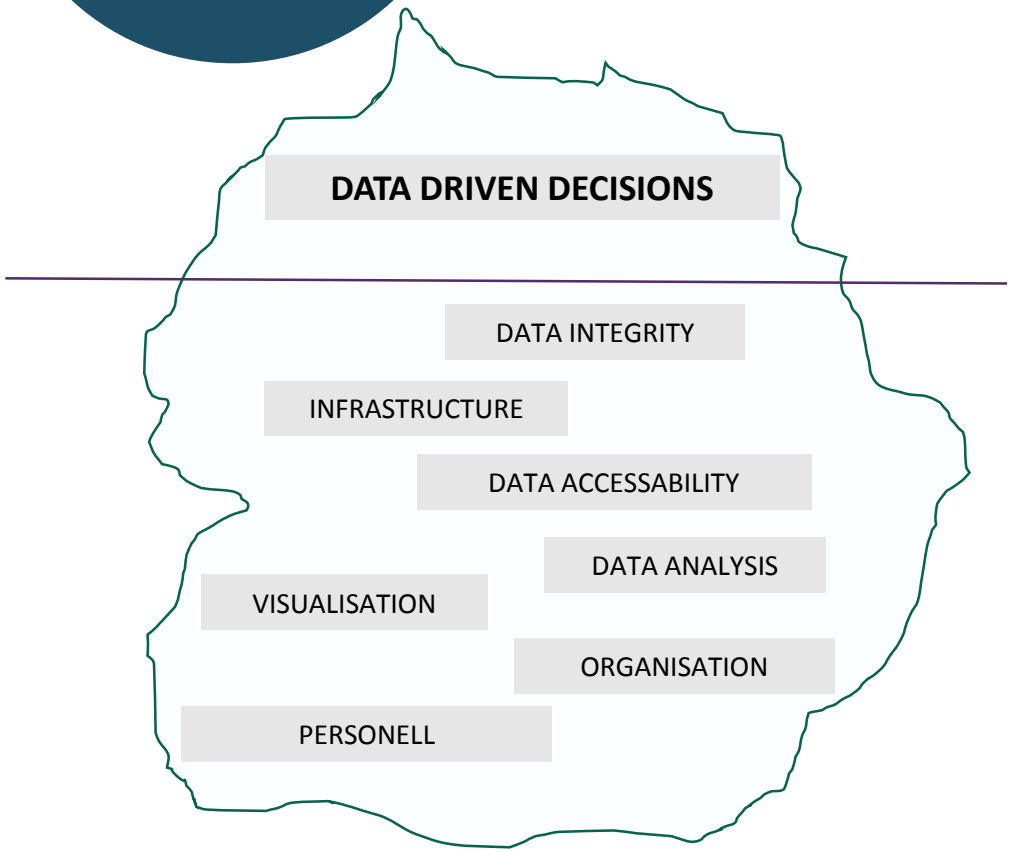
Costly situational awareness
- Well integrity data gathered in one place
- Timely input process

Diverse situational awareness
- Well integrity data scattered
- Each individual has control of his area of responsibility

Low situational awareness
- Inconsistent well integrity data
- Poor communication between parties

Well Integrity Maturity Level





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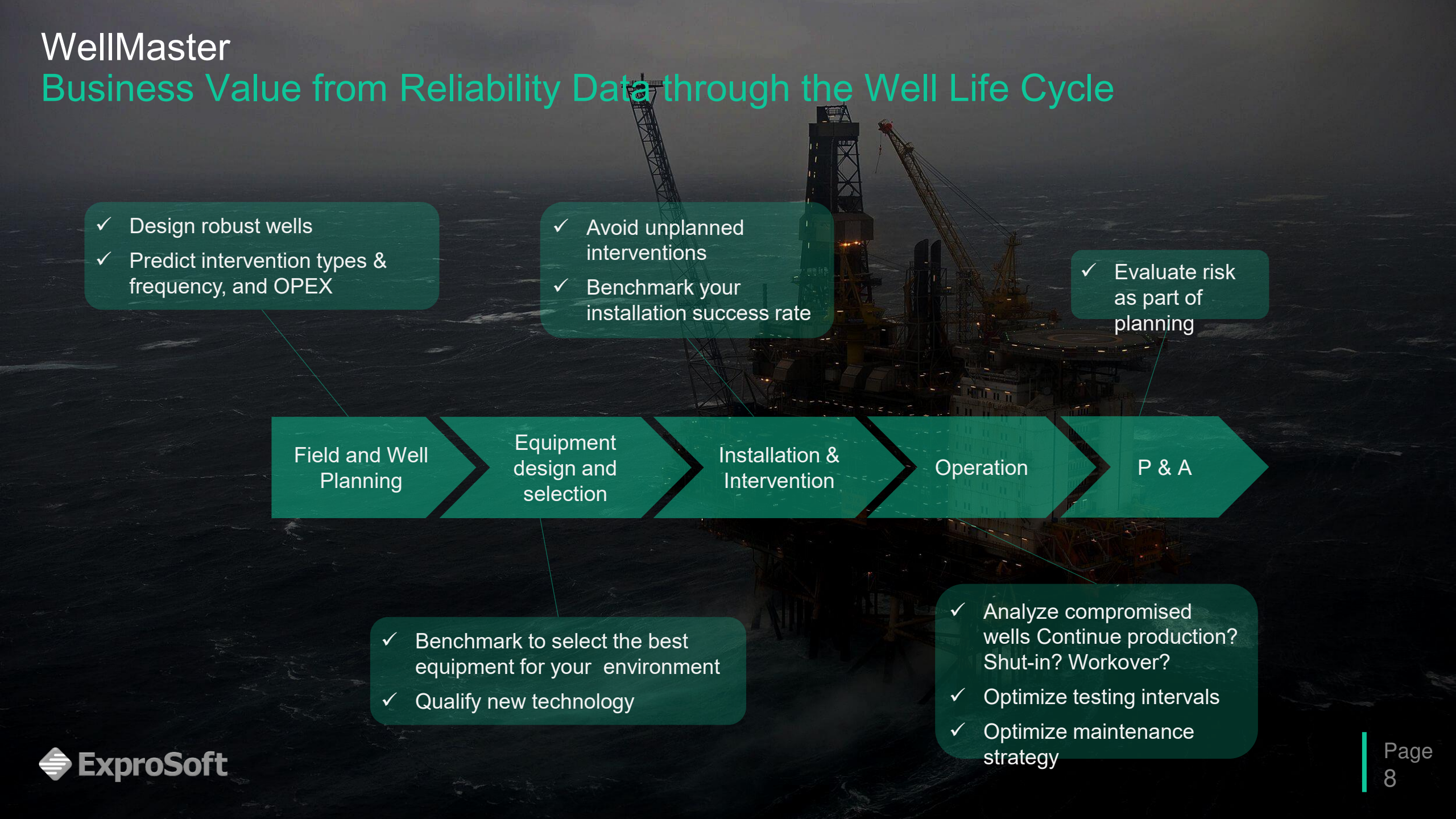
WellMaster

Business Value from Reliability Data through the Well Life Cycle



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Core WIMS Process

Testing
&
Maintenance

Monitoring

Failure
Management

Analyse

React

Report / Import

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Why ExproSoft and WellMaster?

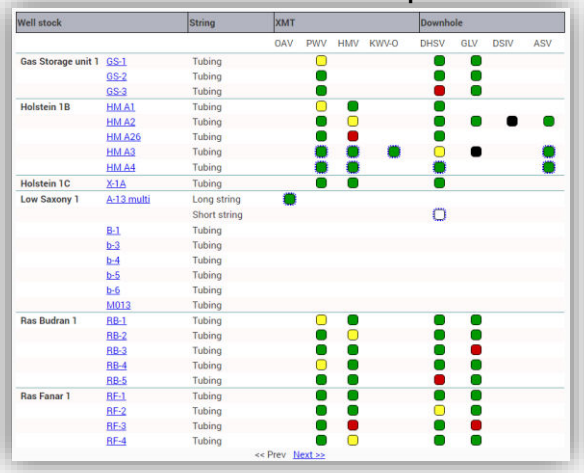
Reason #1:

Superior Overview of Well Integrity and Risk Status

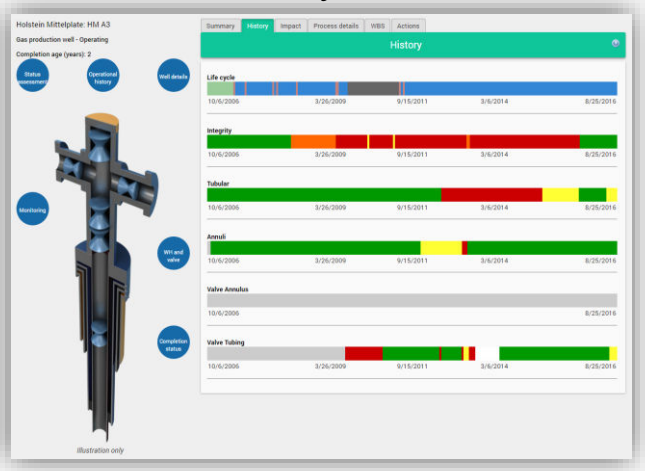
WellMaster offers complete overview from corporate level, to business units, and down to each completion. With flexible reporting and multiple dashboards, users are always informed of current status, and the wells' history.

Operations and Integrity Status

Valve Test Follow-Up and



Well History Overview



01

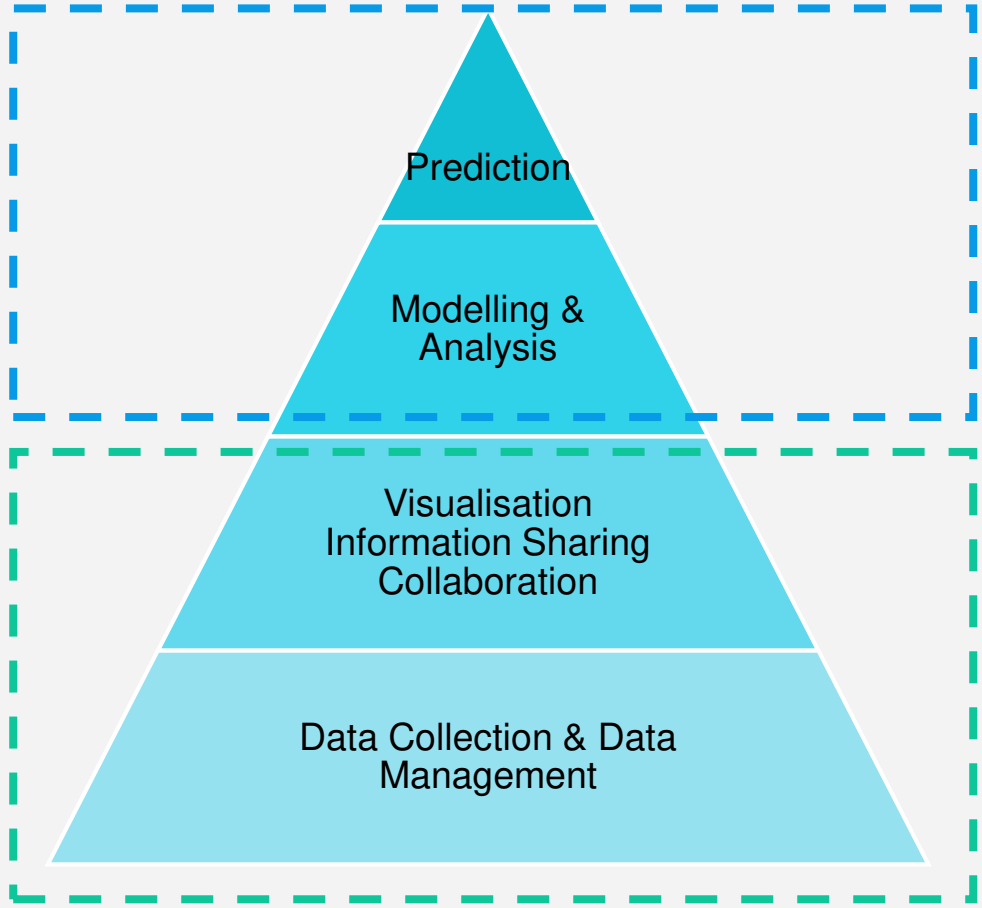
Reason #2:
Solution that Grows with the Operator

WellMaster is adaptable to most operations, and currently implemented for operators with less than 10 wells offshore, up to thousands of wells onshore.

02

Production Optimisation / Risk based decision making

Core Functionality for Well Integrity Management



03

Reason #3:
Proven Implementation Process, in Cloud or on Premises

WellMaster can be delivered as a fully hosted SaaS, or deployed within operators IT environment.

ExproSoft offers a proven implementation process utilising experienced consultants and effective IT infrastructure.

General well integrity training is part of our offering.

04

Reason #4:
Integrating and sharing all relevant data for well operations

WellMaster has established interfaces with systems for well equipment data, well schematics, well barrier schematics, maintenance management, pressure and temperature readings, choke and valve settings, production monitoring, and GIS. APIs and integration tools make integration with your infrastructure achievable.

Reason #4:
In Continuous Development

WellMaster is ExproSoft's 'bread and butter', with client-driven development in both scale and complexity.

ExproSoft has the thought leadership in well integrity through our solutions, our methods, and our experts.

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