

Virtual Support Services

Keel personnel can solve CMMS (Computerized Maintenance Management System) workloads and problems that operation (TSL, SubSea Sup) and section / team leads are facing daily.

Keel Services:

- Maintenance Support
- Materials Management
(Serial Objects, Part Serials, Spare Parts)
- CMMS Planning - Offshore Team Support
(TSL role)
- Yard Stay and Project Support
- Supply Chain PR / PO / TO



We don't just manage procedures and guidelines. We provide CMMS hands-on support in order to quickly identify and solve problems, **allowing your experts to be more efficient and focused on their main tasks.**

>> KEEL SERVICES



Maintenance Setup

Our engineers are proficient in Oil and Gas industry standards, Standard Job Analysis, Risk Assessment, and Performance Standards.



Materials Management

Keel experts have extensive experience in different customer warehouse cleaning/set-up projects.



Yard Stay & Project Support

We support section/team leads during projects on all stages:
PREPARATION >
EXECUTION >
POST PROJECT CLEANUP.



Offshore Team Support

With good understanding of offshore business and good communication, we resolve daily routine tasks in your CMMS and support main offshore tasks.

>> WHY KEEL

- Solid knowledge of various Data Modeling strategies.
- Professionals in CMMS systems

CMMS setup of such companies in the Energy sector:



Keel Management system combines employees of different levels involved into the same project in order to achieve the most efficient and accurate results.

We have an experienced team of mixed professionals:



Project Manager



Warehouse Expert



CMMS Expert



Tech Engineer



CAD Engineer



RCM Engineer

>> OUR EXPERIENCE

SAP and IFS setup project involvement:

- **ERP** Maintenance and Material Management Support (27 Rigs);
- **EX** Inspection and EX maintenance (40+ Drilling Rigs, 5 Offshore Production Facilities);
- **Equipment Tagging** and Verification (17 Rigs);
- **Material** Management (27 Rigs);
- **Hose** Management (25 Assets);
- **Maintenance** Set-Up for new builds (20+ Drilling Rigs, Onshore Production Greenfield);
- **Yard Stay** projects support (14 Rigs);
- **ISO 144224** implementation (40+ Drilling Rigs, Onshore Production Field);
- **Inventory Serialized Object Cleansing** (ISOC) execution in IFS;
- **Equipment Exchange Program** (EEP);
- **Optimization** of Maintenance Program for brown field (23 Drilling Rigs, 6 Accommodation Vessels, Production field);
- **Global Stock Inventory** Management (17 GSS Locations);
- **Tools and Loose Equipment** (TLE) Offshore data enrichment.



Our experts have visited **our customers' fleets** many times. We've worked with some of the assets since their construction in their very first shipyards. We've also been onboard of the others multiple times - offshore, on the move, and at yard stays.

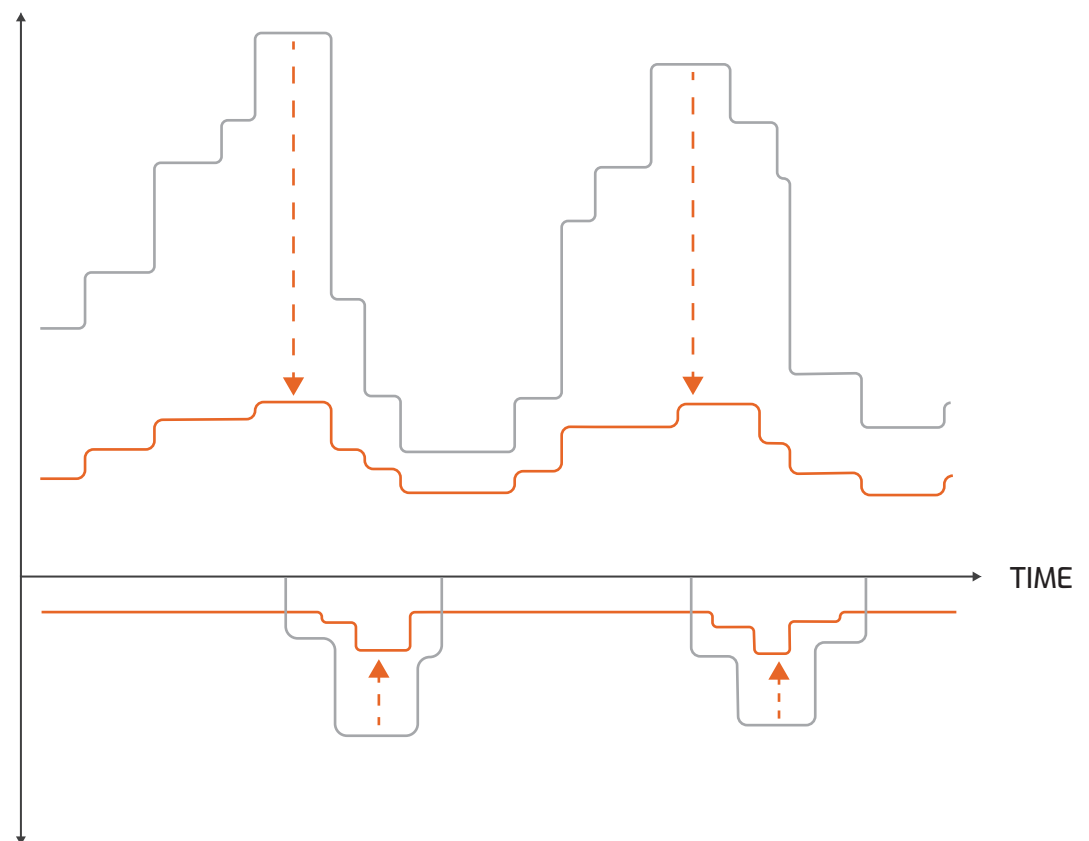
>> CHALLENGES IN CMMS

We can help you solve these problems:

- Spare parts duplication;
- Missing equipment and spare parts;
- Documents duplication;
- Redundant maintenance jobs;
- Unclear maintenance instructions;
- Overload of TSL / section / team leads with administrative work in CMMS.

>> KEEL SOLUTION STRATEGY

YOUR WORKLOAD



OUR WORKLOAD

HOW IT IS NOW

HOW WE PROPOSE

Equipment and SP Governance

»» We help to keep track of the ERP data on daily basis by creating and updating **Asset Register** in a unified way across all installations.

We also help our customers run ERP for every asset with the same approach.

Spare parts Duplication

»» We set up **spare parts cleansing** based on the Manufacturer Part numbers.

Our team also reviews the proper Serial / Spare Part classification.

Comprehensive Risk Assessment

»» Using the **industry-recognized standards** (e.g. NORSOK Z-008), Keel performs criticality analysis of our customers' assets in order to identify critical components and spare parts for further Maintenance & Repair strategy and stock planning.

Documents Duplication

»» If the Attachment function is not used, the same document is created multiple times as a new one, creating duplicates in the system. That is why we suggest performing document cleansing.

We create "heavy" **documents with hyperlinks** to the Offshore Tech doc. portal instead of attachments (MRBs).

Administrative Overload



Section / team leads are regularly overloaded with CMMS tasks.

In order to cover the routine reporting in CMMS (in cooperation with TSL), **we suggest outsourcing 1 technical engineer for sister-rigs.**

Redundant Maintenance



Over time and due to improper change of management processes, ERP may accumulate maintenance jobs that should be either made obsolete or be aligned with other activities. Keel analyzes all abnormalities and **optimizes the maintenance jobs** for efficient operation.

Unclear Task Lists



In cooperation with your experts and section / team leads, we review standard job list and **make it more specific** and with **clear definitions**. Complicated job lists are to be divided / grouped by operation lines with relevant tasks.



Learn more about our Virtual Support Services >>