

Enhancing Preventive Maintenance Efficiency and Reliability with IMS RCM

Product: IMS RCM
Sector: Oil & Gas
Subsector: Downstream

THE NEED

Thaioil is one of Thailand's leading integrated petroleum and petrochemical companies. The company's primary business activities include crude oil refining, petroleum product manufacturing, and the production and distribution of petrochemical products.

Thaioil chose Cenosco's IMS RCM to enhance their equipment reliability. Firstly, through IMS RCM they were able to streamline their rotating equipment template, which now allows for planning, scoping, and recommendation generations to be done before being sent to SAP. Additionally, as Thaioil aimed to transition to a more robust solution for maintenance planning, the necessity for centralized data management and integration capability with other system emerged. Lastly, a further enhancement of preventive maintenance strategy was desired to mitigate high costs of planned maintenance requirements. To accomplish this, Thaioil sought a comprehensive solution for effective grouping and analysis of failure data as well as cost optimization of maintenance tasks.



THE RESULTS

To address the areas of improvement in their maintenance planning, the reliability team at Thai Oil recommended considering the implementation of Cenosco's IMS RCM, a cloud-based software solution for Reliability Centered Maintenance.

Enhanced Preventive Maintenance Efficiency

Cenosco's IMS RCM software provided Thairoil with a SaaS-based reliability centered maintenance solution that helped rapidly enhance their maintenance workflow. By integrating the intricate rotating equipment template workflow in IMS RCM, Thairoil achieved significant time savings and accuracy improvements. The availability of reliability data and templates in the global reliability strategy library made maintenance planning and recommendation generation easier.

Integrated Ecosystem of Solutions

Cenosco's IMS suite of products, including IMS PEI and IMS SIS, provided Thairoil with an integrated ecosystem for managing various aspects of their operations. This integration facilitated seamless data sharing and collaboration among teams, eliminating data silos and ensuring accurate and up-to-date information across the organization. The ability to use data from different sources enhanced decision-making and supported more informed maintenance strategies. This integration strategy in line with their ongoing digital transformation journey is set to eliminate all manual errors and deliver a remarkable improvement in overall maintenance efficiency.

Improved Maintenance KPIs

Thairoil is keen on implementing IMS RCM's Manage Equipment Care (MEC) board solution, which results in improved maintenance effectiveness and optimization in the maintenance scope. This improvement is understood to bring a direct positive impact on their production uptime, maintenance cost savings, and overall operational performance.



Cenosco and the IMS Suite

INTEGRITY MANAGEMENT SYSTEMS

Cenosco is the leading provider of asset integrity management software.

For over 20 years, we have been leading the way in product innovation across asset-heavy industries, including Oil and Gas, and chemical manufacturing. Our IMS Suite of solutions was designed to support users in making smart inspection and maintenance decisions to increase safety, maximize asset availability, and optimize asset management costs.

Meet IMS

IMS is a unified asset integrity management solution suite for all your equipment types and processes. The range of IMS products can be deployed individually or together, and each component complements the others seamlessly.



IMS PEI

Pressure Equipment Integrity

Manage equipment integrity using RBI methodology and advanced corrosion calculations.



IMS RCM

Reliability Centered Maintenance

Optimize preventive maintenance plans based on risk and take advantage of our library of maintenance strategy templates.



IMS SIS

Safety Instrumented Systems

The perfect solution for your end-to-end Safety Life Cycle analysis.



IMS FCM

Flange Connection Management

Manage critical flanges with a strict guided maintenance protocol.



IMS PLSS

Pipeline and Subsea Systems

Manage pipeline and subsea system integrity, performing In-Line Inspections (ILI) and Fit-For Service (FFS) calculations.



IMS CIVIL

Manage Civil Structures

Manage equipment integrity with RCM and RBI methods adapted for civil degradation dynamics.

[Learn More](#)



Why IMS?

The IMS Suite of solutions was designed to support users in making smart inspection and maintenance decisions to increase safety, maximize asset availability, and optimize asset management costs. Our domain expertise goes deep into the assets, and with our fully integrated software, you can centralize your maintenance and inspection efforts.

- ✓ Keep your people safe
- ✓ Gain control over your assets
- ✓ Manage your assets with ease
- ✓ Comply with regulations
- ✓ Avoid leaks and other disasters
- ✓ Exclusive Methodologies and Libraries

OUR SOLUTIONS ARE USED GLOBALLY

We're deployed in over 40 countries across the globe.

11,000+

ACTIVE
USERS

200+

DEPLOYED
ASSETS

20+

YEARS OF
EXPERIENCE

Proven Results

- ✓ 20% Inspection cost reduction
- ✓ 30% Turnaround time reduction
- ✓ €100K - € 100M Savings per leak prevented

Trusted by world leaders

