

Applications for enhanced performance using the OSIsoft PI System

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KONGSBERGMaritime



The Kongsberg Group and Kongsberg Maritime

"Extreme Performance for Extreme Conditions"





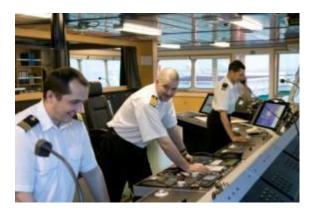
Kongsberg deliver solutions for

- Deep sea exploration
- The Oil and Gas market
- The Offshore and Merchant marine market
- The Defence market
- Satellite market









Kongsberg Maritime

- Offshore Merchant Marine Subsea
- 58 offices in 19 countries
- 4 500 employees (2012)
- Revenues MNOK 7 485 (2012)
- Installed on more than 16,000 vessels
- Dynamic positioning, navigation, automation, simulation, seabed surveying and fisheries



K-IMS ALL SYSTEMS, ONE VIEW

Kongsberg Global Support







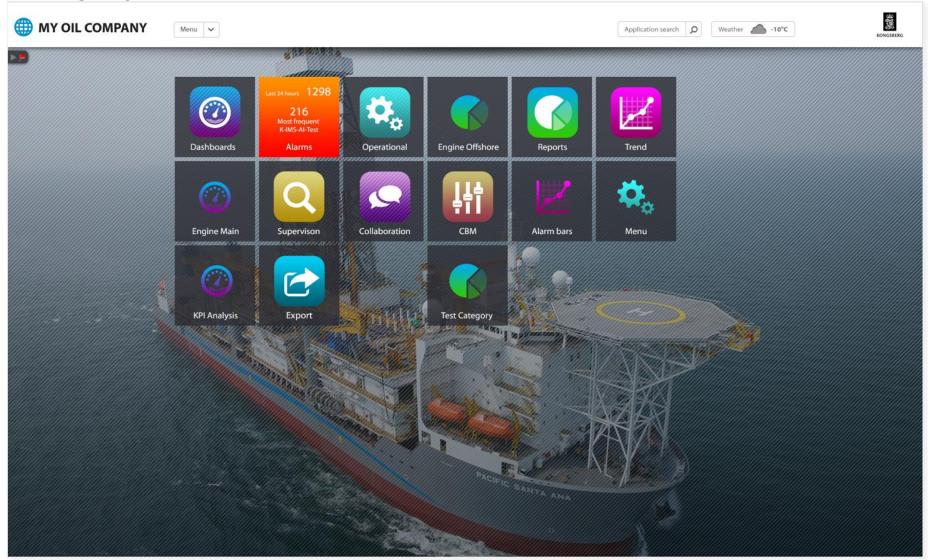
OFFICE

Offshore Applications



K-IMS Portal





K-IMS Alarm & Event Analytics





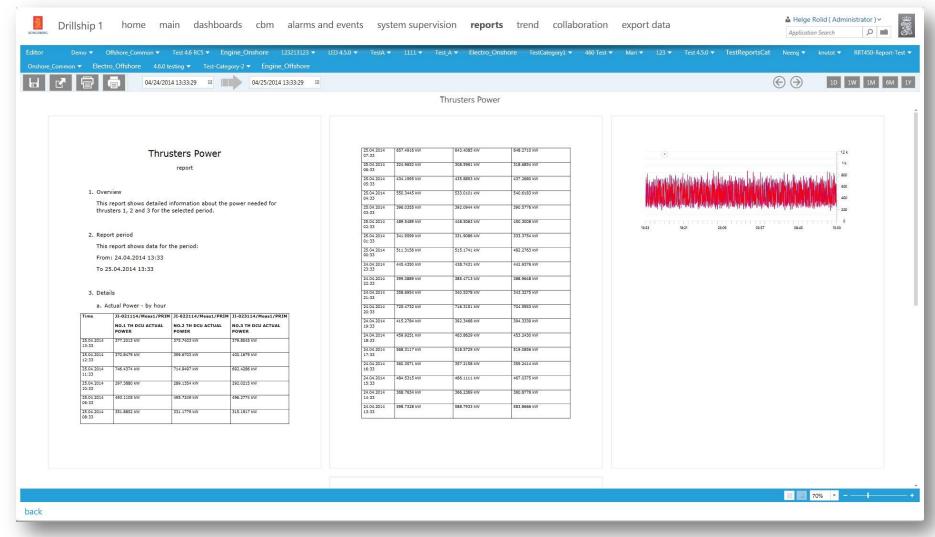






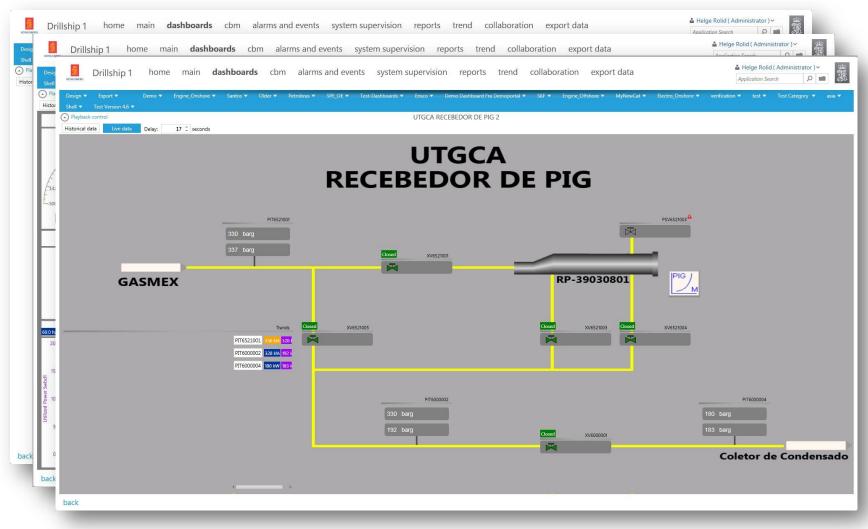






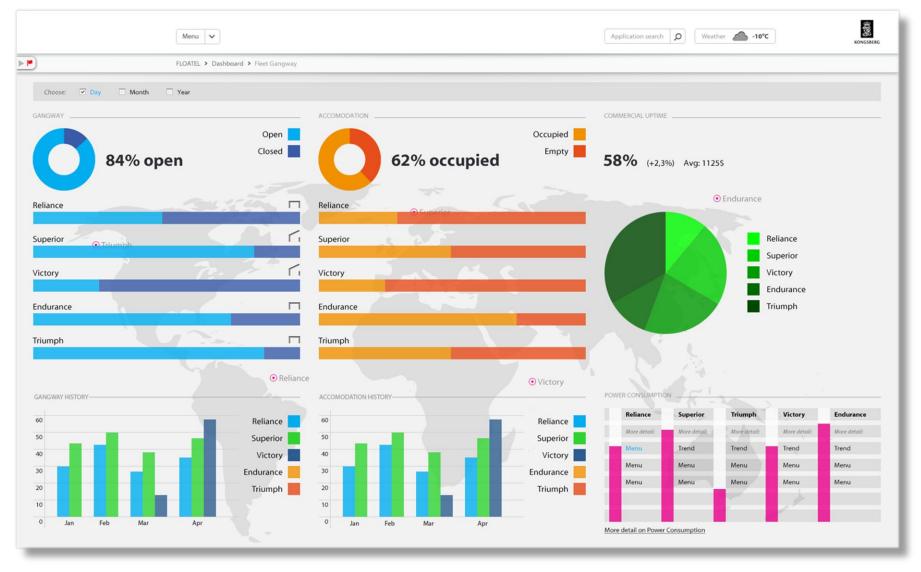






K-IMS KPIs









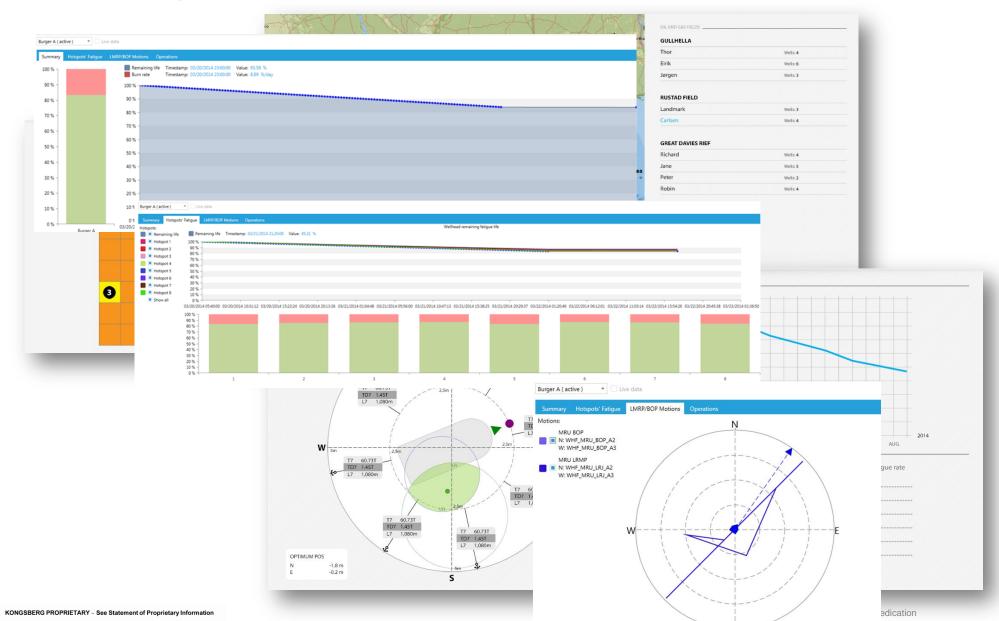


Using OSIsoft PI System for collecting, analyzing and distributing sensor data



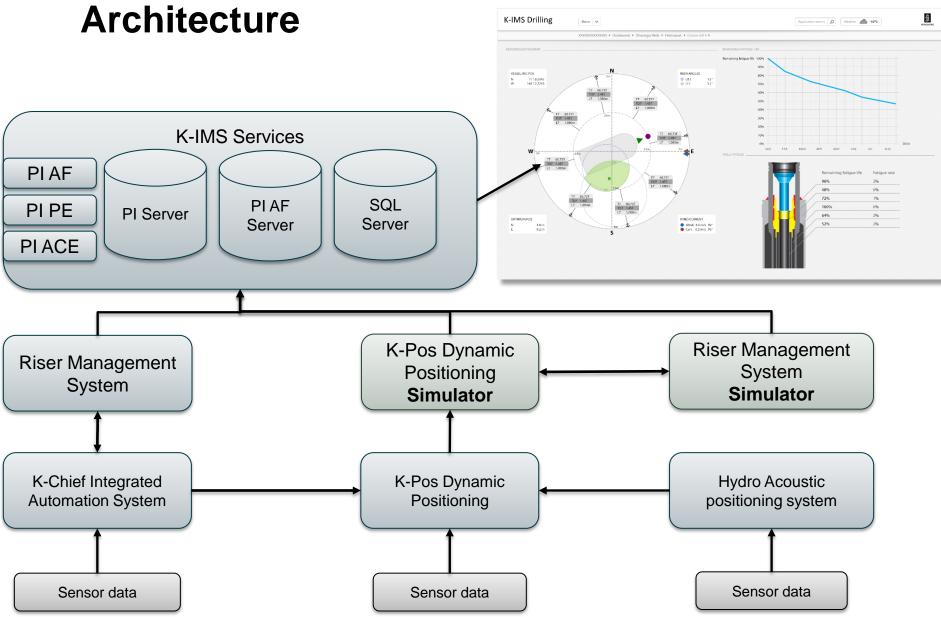
Well Head Fatigue

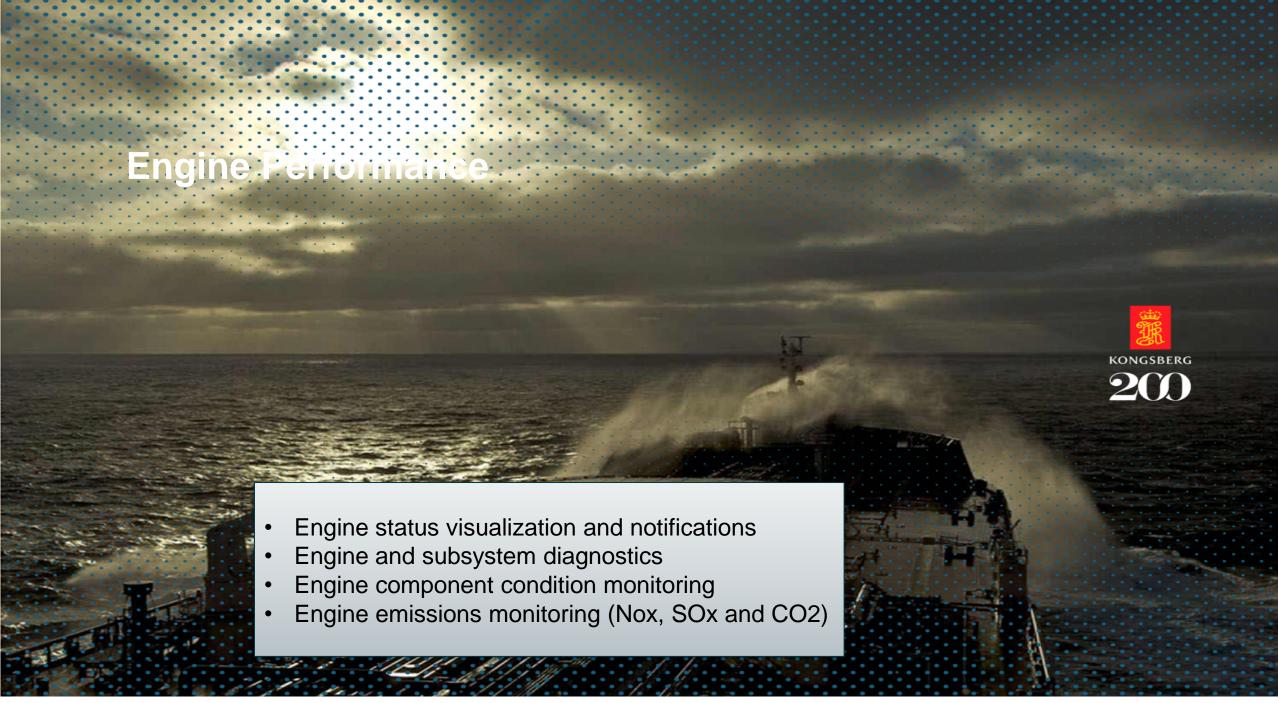


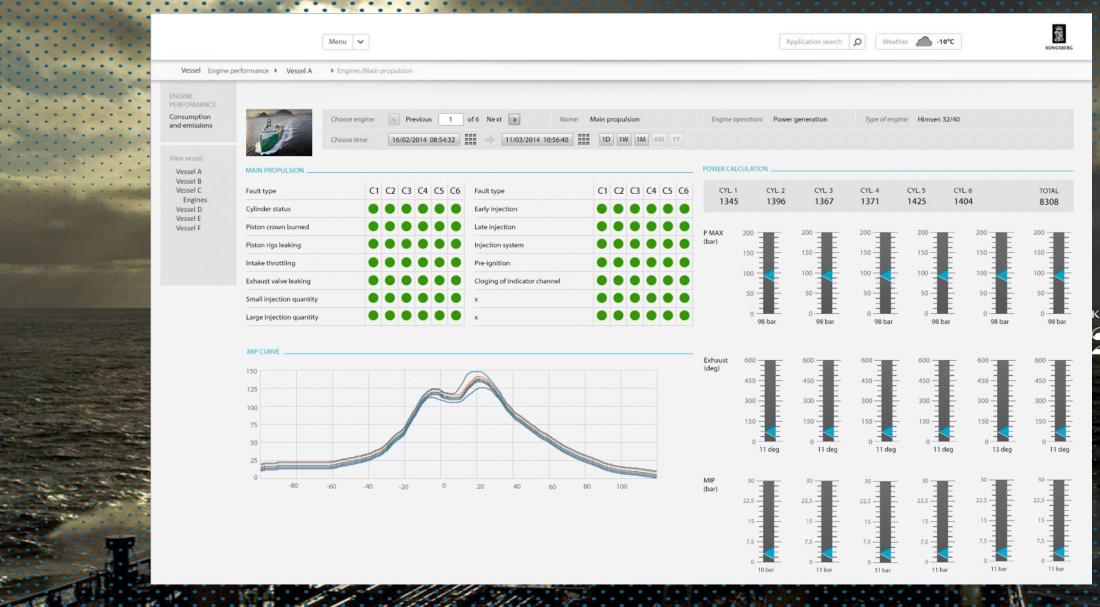


Drilling support applications



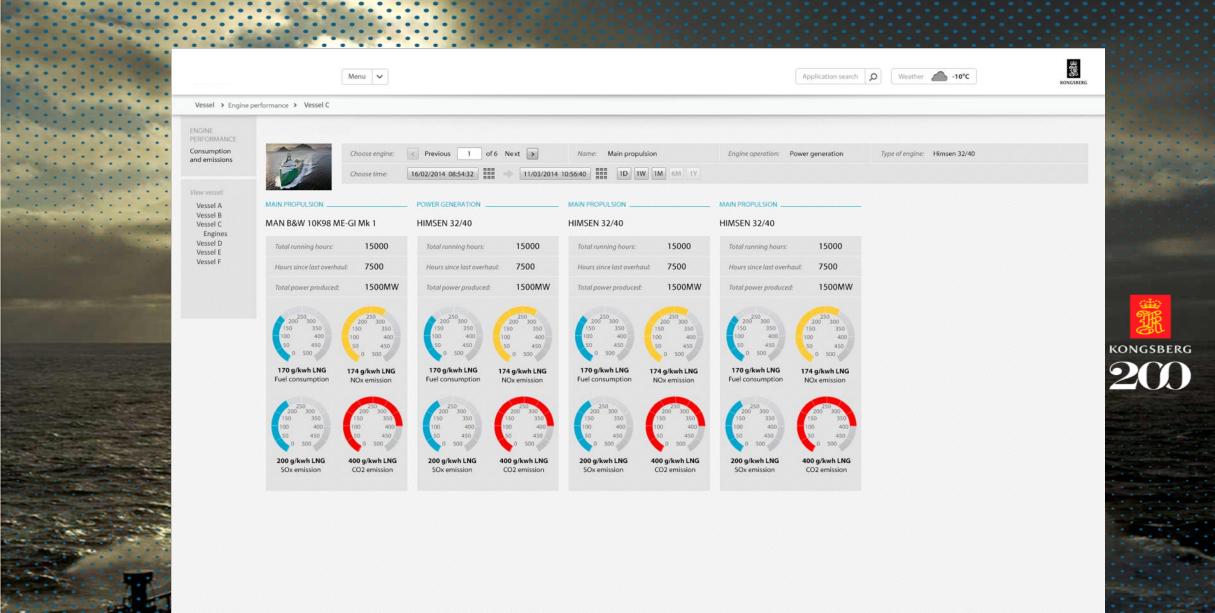




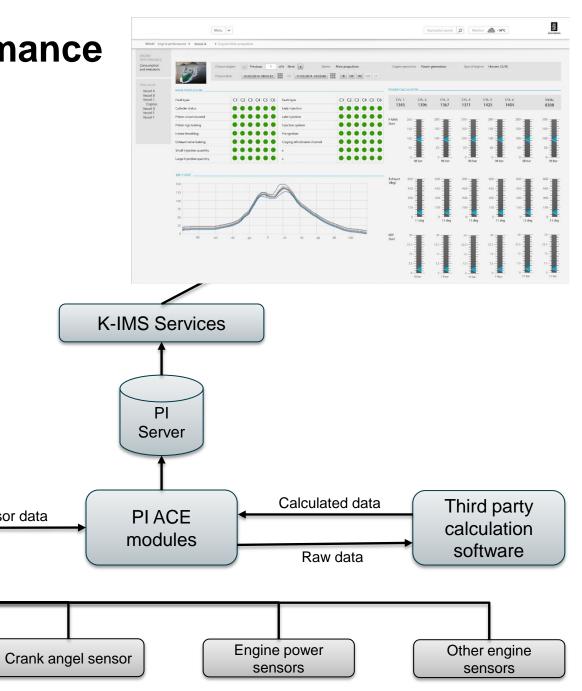








Engine Performance





K-Chief

Integrated

Automation System

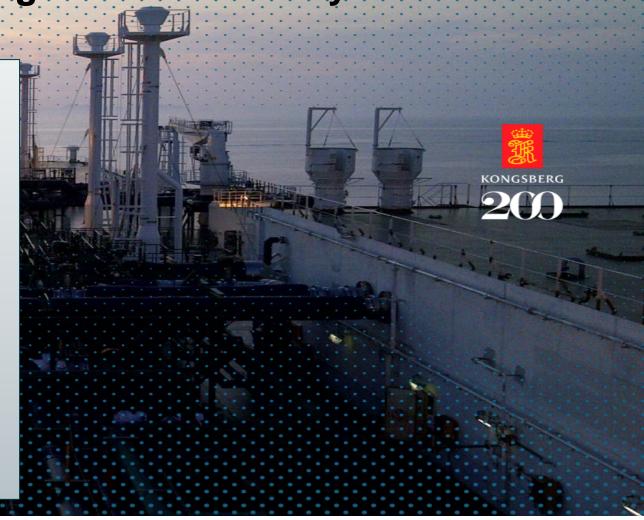
Cylinder pressure

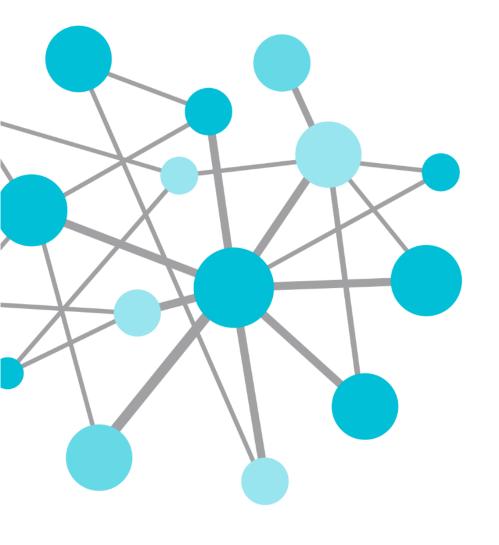
sensor

Sensor data

K-IMS Applications using the OSIsoft PI System

- Shutdown Verification
- Ship Performance Monitor
- Alarm & Event analytics
- Valve signature
- Trend
- Dashboard
- Well Head Fatigue
- Decision Support Tool (WSOG)
- Decision Support System
- Reports
- Motor monitoring
- Inhibit log
- System Supervision
- Safety Equipment



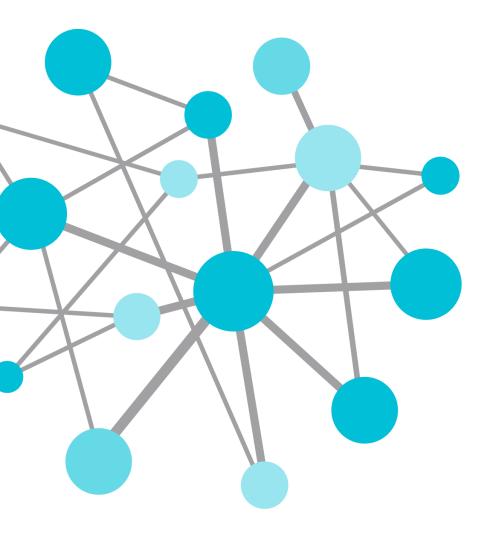


Questions

Please wait for the microphone before asking your questions



State your name & company



THANK

YOU



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