



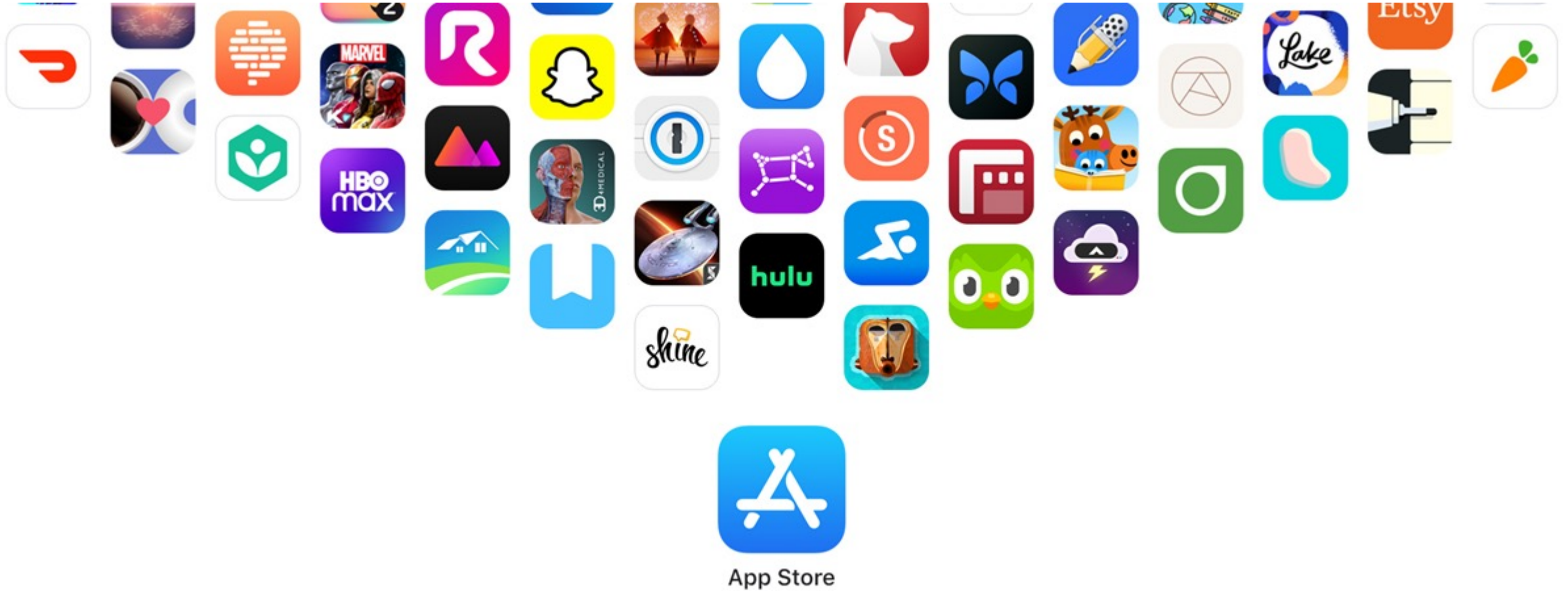
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**Please take out your smartphones....**



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# Wouldn't it be nice if it was this easy to purchase new a performance system.





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# KONGSBERG GROUP

A technology powerhouse with 3 strong individual business areas





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# KONGSBERG DIGITAL AS



DIGITAL OCEAN



DIGITAL ENERGY



DIGITAL WELLS



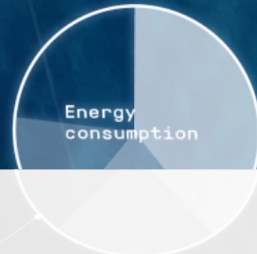
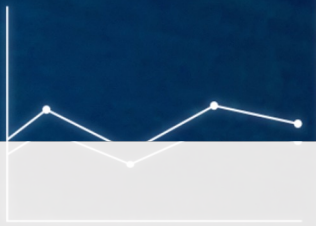
INDUSTRIAL AND COMMERCIAL PARTNERSHIPS

ECOSYSTEM

- 1000+ employees
- 80% international sales
- 30 nationalities
- 11 offices



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Asset  
performance

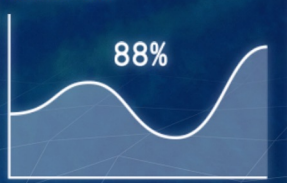


# Data is key

Risk awareness



Business data



Alternative scenarios





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The background of the slide is an aerial photograph of a large ship, likely a cruise ship, moving through the ocean. The ship is oriented horizontally and is leaving a prominent white wake behind it. The water is a deep blue-green color. The text is overlaid on a semi-transparent white horizontal band that passes through the middle of the ship's wake.

**The owner should own the data**



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**Access to data do not solve any challenges**



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**Unstructured data is useless**





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**Structured data is only valuable if you use it**



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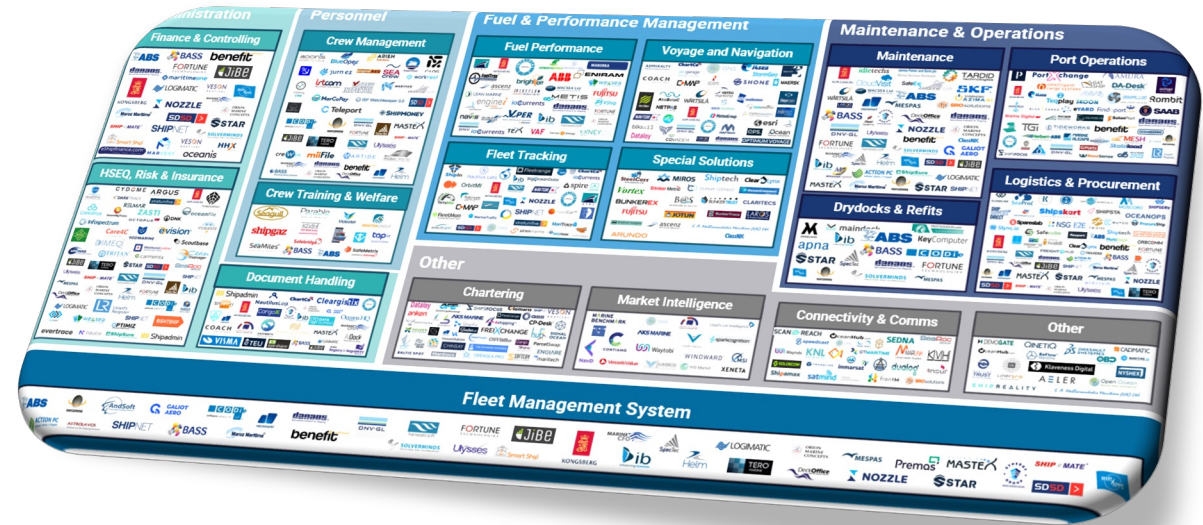
# How do we use it?

<h3>Administration</h3> <p><b>Finance &amp; Controlling</b></p> <p><b>HSEQ, Risk &amp; Insurance</b></p>	<h3>Personnel</h3> <p><b>Crew Management</b></p> <p><b>Crew Training &amp; Welfare</b></p> <p><b>Document Handling</b></p>	<h3>Fuel &amp; Performance Management</h3> <p><b>Fuel Performance</b></p> <p><b>Fleet Tracking</b></p> <p><b>Voyage and Navigation</b></p> <p><b>Special Solutions</b></p> <p><b>Other</b></p> <p><b>Chartering</b></p> <p><b>Market Intelligence</b></p>	<h3>Maintenance &amp; Operations</h3> <p><b>Maintenance</b></p> <p><b>Port Operations</b></p> <p><b>Logistics &amp; Procurement</b></p> <p><b>Drydocks &amp; Refits</b></p> <p><b>Connectivity &amp; Comms</b></p> <p><b>Other</b></p>
<h3>Fleet Management System</h3>			



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# Where do we want to go?





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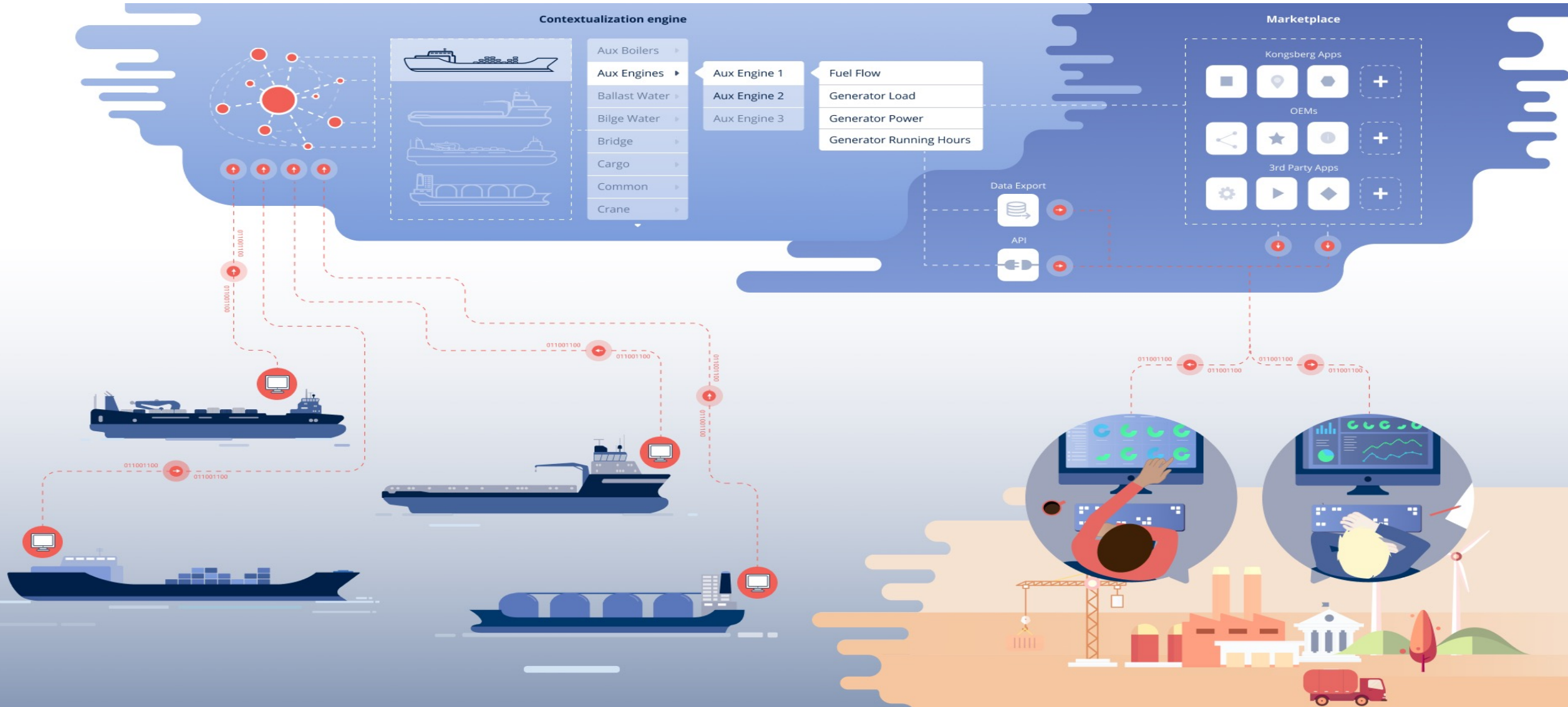
# Sensordata does not make sense!

UN900A/AlarmManager/T\_404\_1\_A00\_XI  
UN900A/AlarmManager/T\_404\_1\_A01\_XI  
UN900A/AlarmManager/T\_404\_1\_D13\_XI  
UN900A/AlarmManager/T\_404\_2\_A00\_XI  
UN900A/AlarmManager/T\_404\_2\_A01\_XI  
UN900A/AlarmManager/T\_404\_2\_D13\_XI  
UN900A/AlarmManager/T\_404\_3\_A00\_XI  
UN900A/AlarmManager/T\_404\_3\_A01\_XI  
UN900A/AlarmManager/T\_404\_3\_A02\_XI  
UN900A/AlarmManager/T\_404\_3\_D11\_XI  
UN901A/AlarmManager/T\_651\_217\_XI  
UN901A/AlarmManager/T\_651\_218\_XI  
UN901A/AlarmManager/T\_651\_4\_123\_XI  
UN900A/AlarmManager/T\_634\_1\_A06\_XI  
UN900A/AlarmManager/T\_634\_1\_A07\_XI



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# How to get there?





49.22

+8.5

1032.33

1.6%

1018.04

4.2%

47.75

+4.3

NO SMOKING

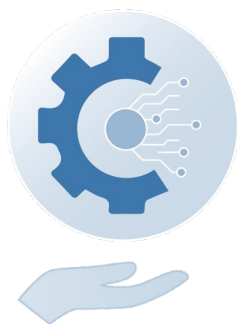
ER PISHAN

ER PISHAN



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# The perfect ecosystem should:



Be standardized



Be certified by  
Class



Be Open



Be reliable and  
secure



Be trustworthy



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**Harald Hvaal Durban**  
Growth Manager Vessel Insight at  
Kongsberg Digital

