

Marine Digitalization and the Future of Risk

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**Connected
marine
ecosystem**



**Eniram
SkyLight
3.0**



**Connected
insurance**

This is Eniram

Eniram provides the marine industry with leading insights for asset, operations and commercial shipping management

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2005



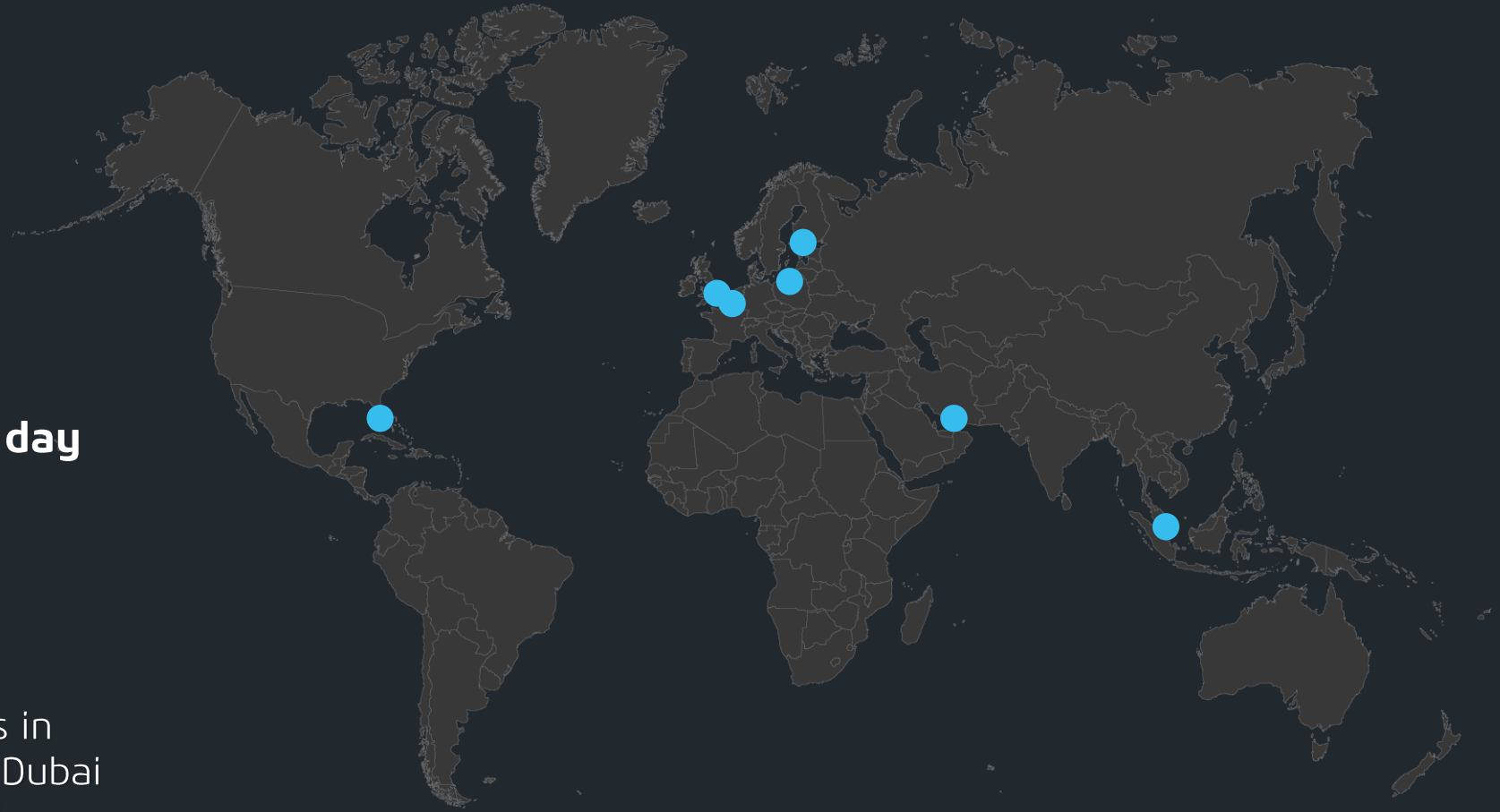
152



350



3B data points / day



Head office in Finland, subsidiaries in Miami, Hamburg, London, Drunen, Dubai and Singapore. Owned by Wärtsilä.

Eniram Insight Factory

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The Eniram Insight Factory gives decision making support for its partners based on real time data collection, statistical modeling and predictive simulations

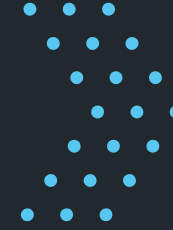
DATA

Data is continuously collected from vessels and external data sources



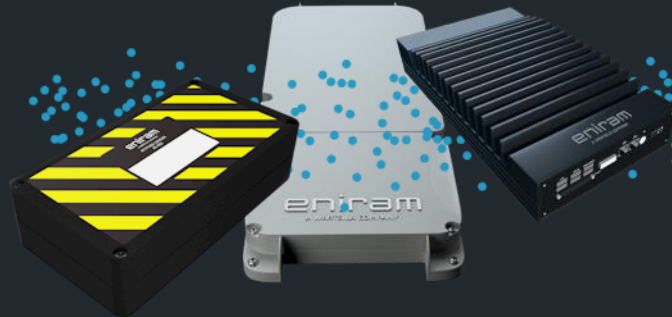
INSIGHT

Data is automatically analyzed and enriched



ACTIONS

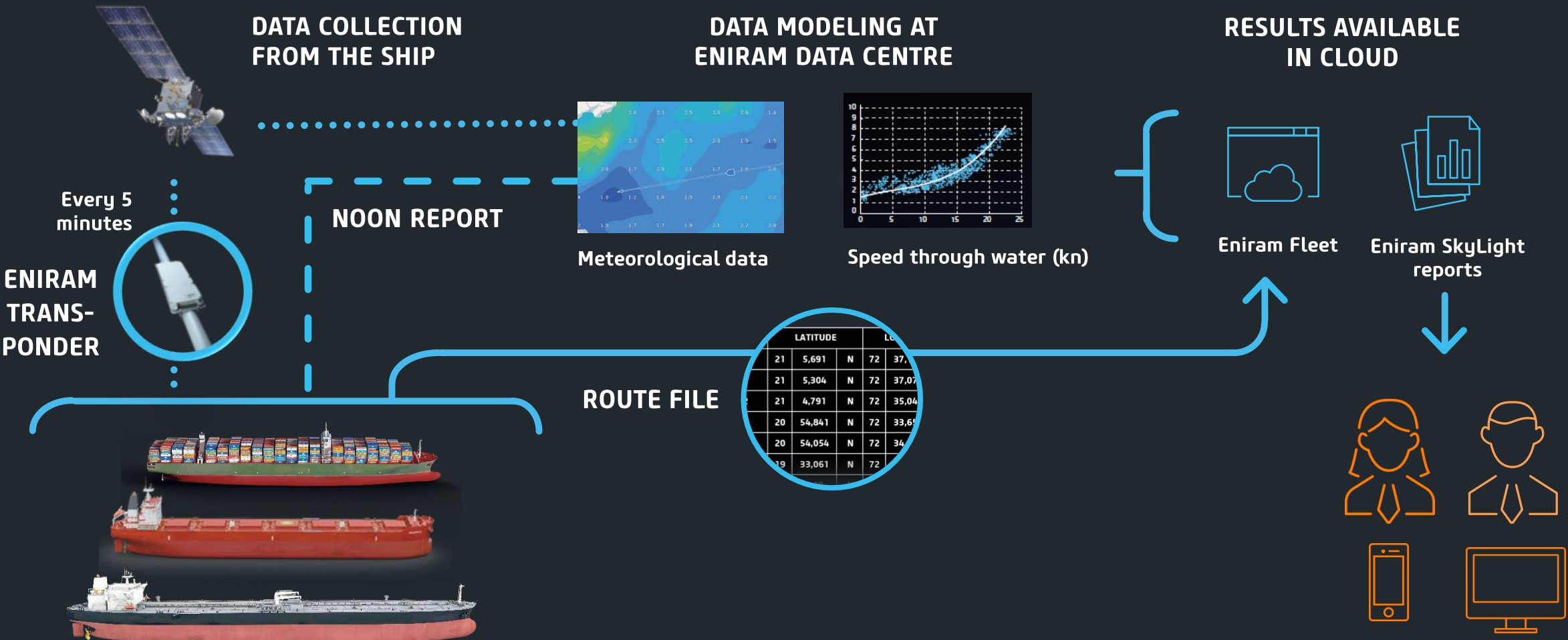
Insight is transformed to actions by easy-to-use user interfaces



Eniram SkyLight 3.0

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Major update to our subscription based service



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New features include

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MOBILE NOTIFICATIONS

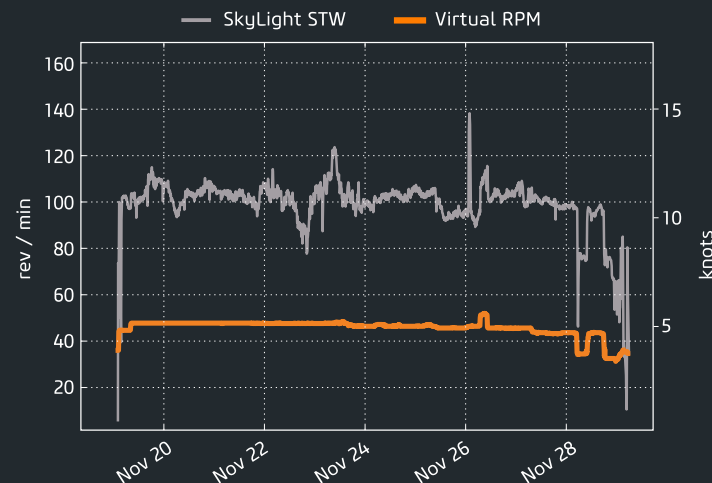
- Speed over ground
- Speed through water
- Estimated time of arrival
- Charter party



Providing right info to the right people at the right time

VIRTUAL RPM SENSING

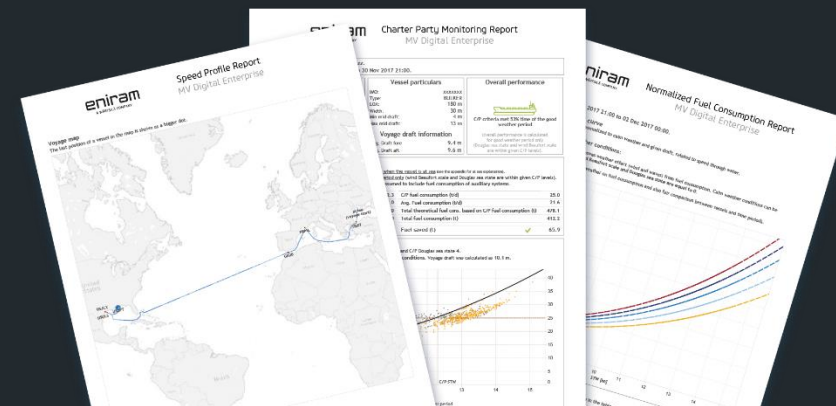
Eniram SkyLight 3.0 enables virtual sensing of propeller RPM without requiring integration with ship systems.



Improved the accuracy of the speed/fuel curve

IMPROVED REPORTS

We've introduced new and improved reports including an extended charter party monitoring report and a voyage map in the speed profile report.



Updated reports based on customer feedback

Wärtsilä - Smart Marine Ecosystem Strategy

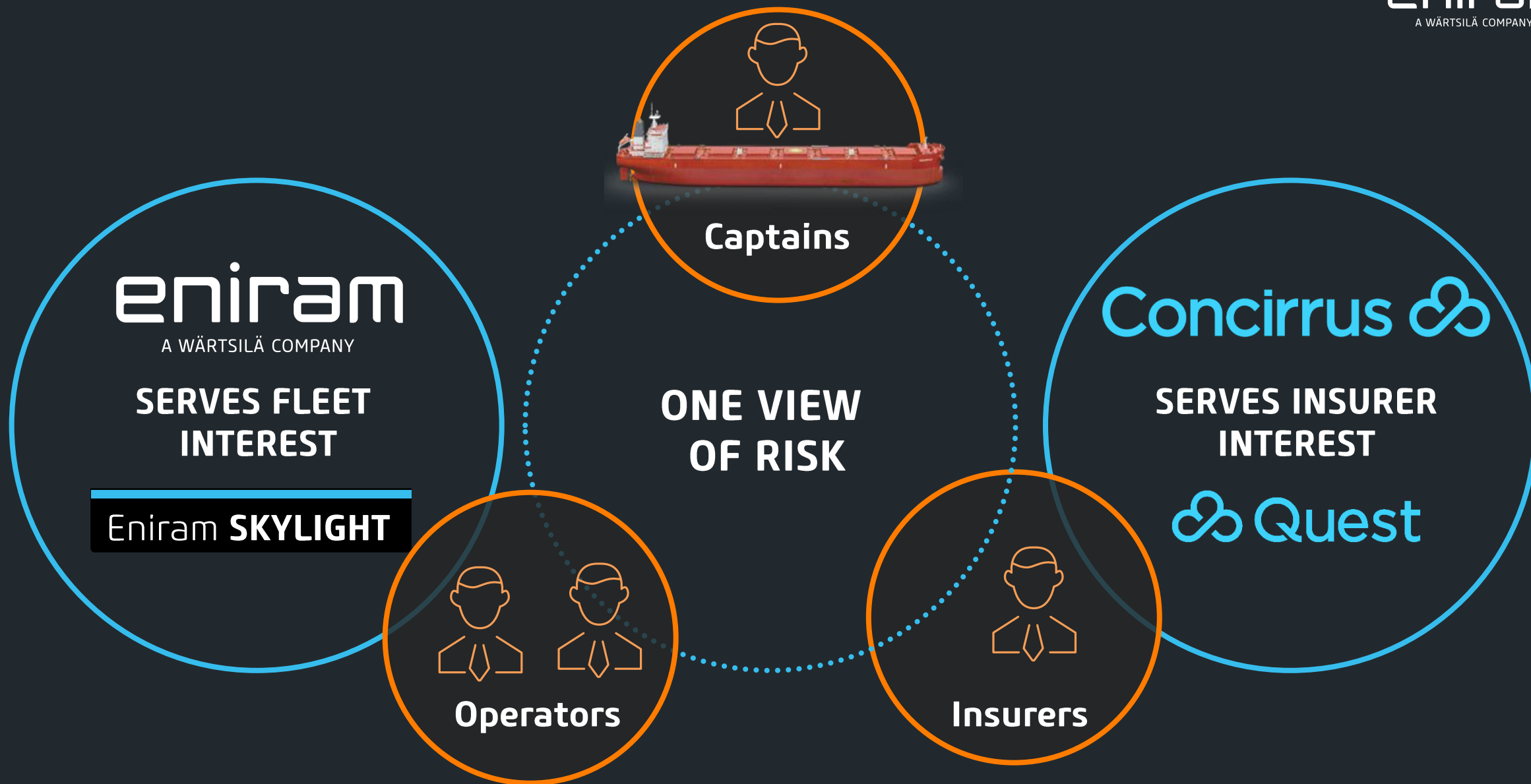
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Our joint vision at Wärtsilä is to lead the industry transformation towards a Smart Marine Ecosystem

Eniram is partnering with Concirrus to deliver industry's first connected insurance for the marine market based on location data supplied by the Eniram Skylight 3.0 service.





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