

# 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**



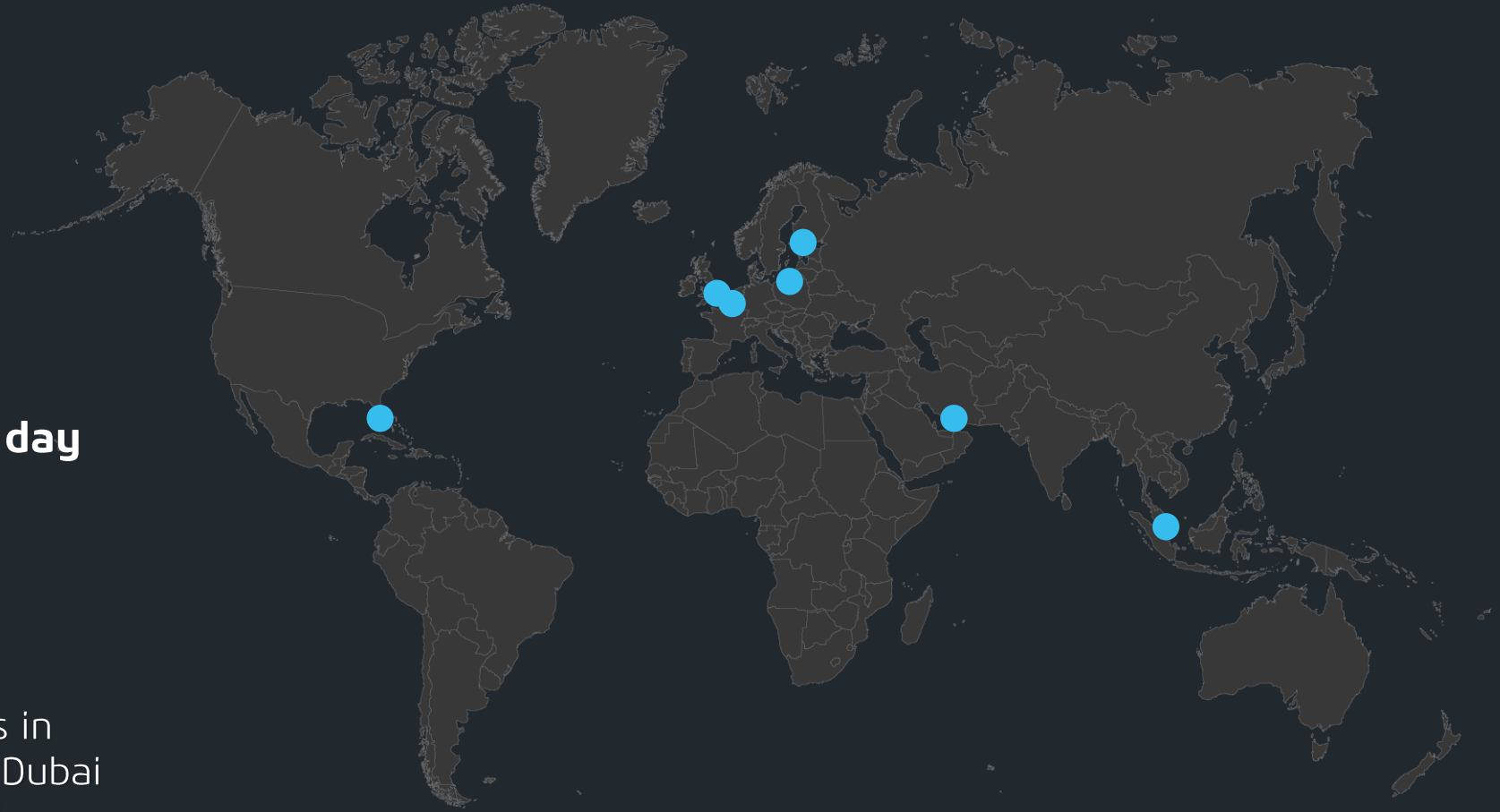
**152**



**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

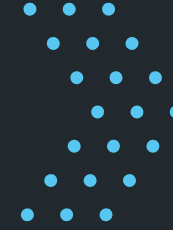
## DATA

Data is continuously collected from vessels and external data sources



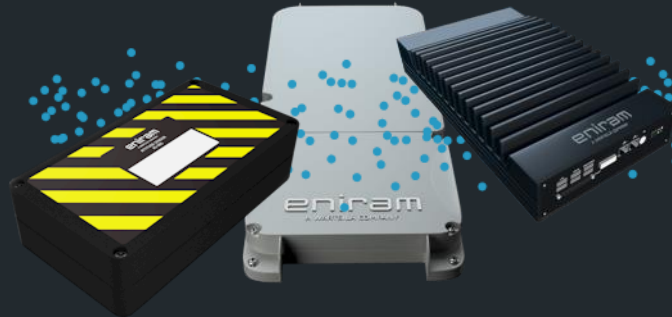
## INSIGHT

Data is automatically analyzed and enriched



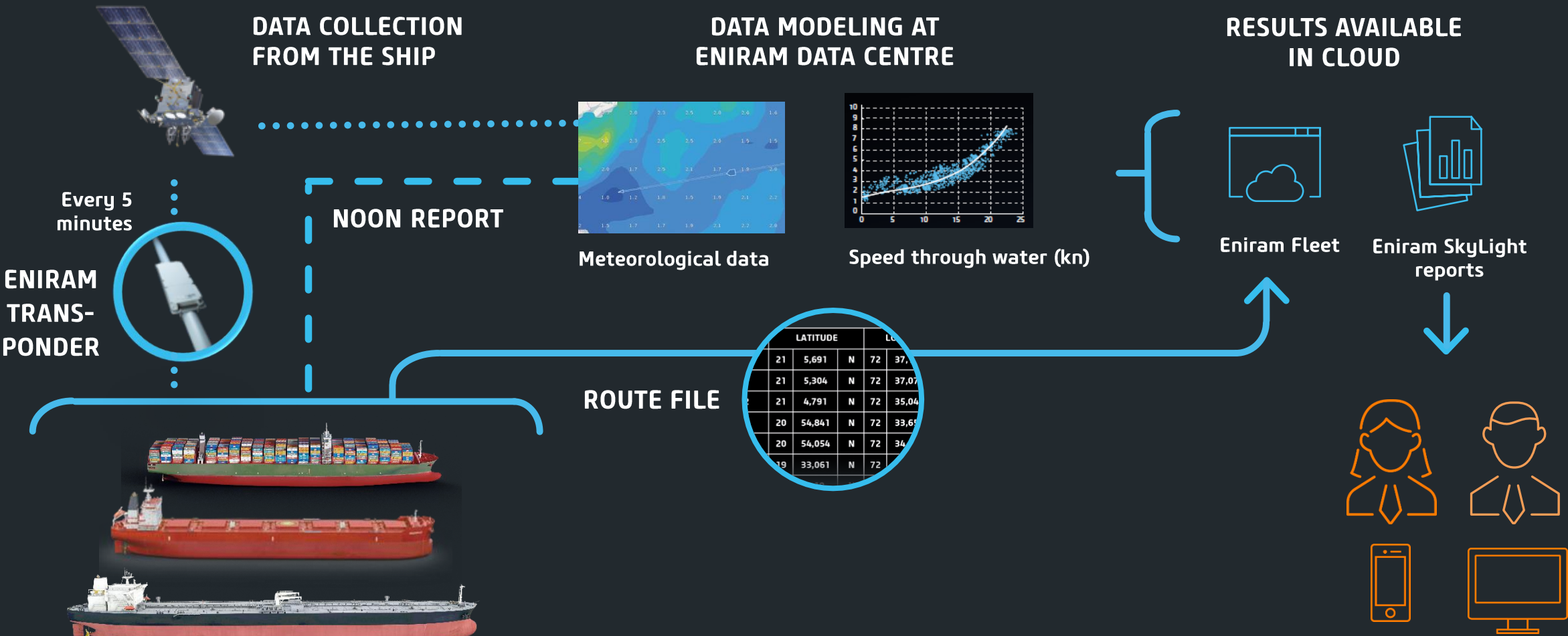
## ACTIONS

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



# Eniram SkyLight 3.0

Major update to our subscription based service



# Eniram SkyLight 3.0

New features include

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## MOBILE NOTIFICATIONS

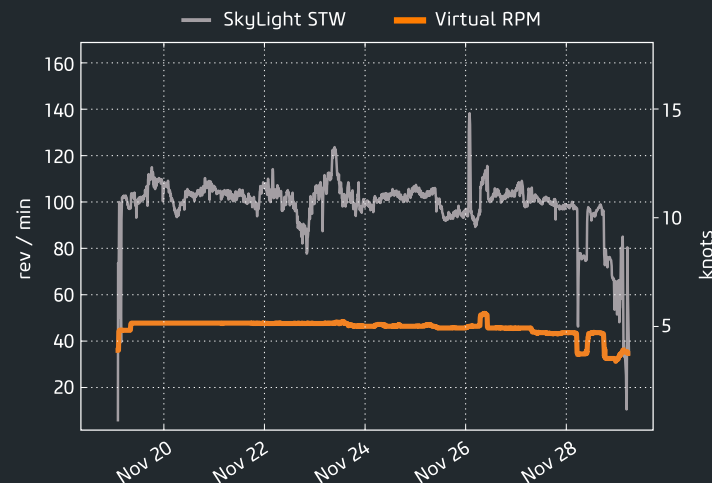
- Speed over ground
- Speed through water
- Estimated time of arrival
- Charter party



Providing right info to the right people at the right time

## VIRTUAL RPM SENSING

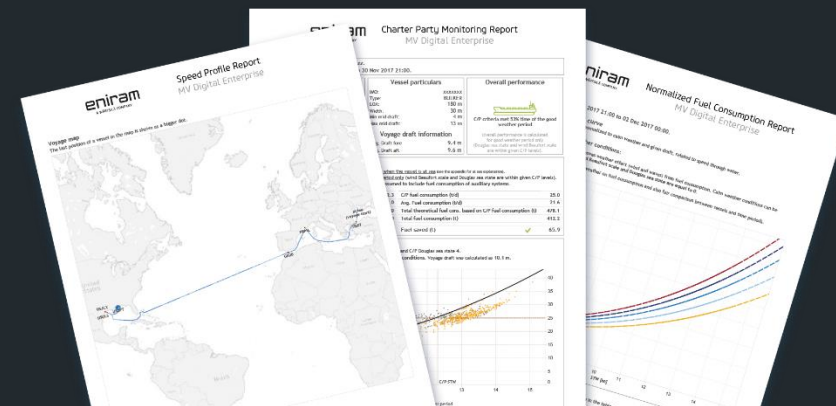
Eniram SkyLight 3.0 enables virtual sensing of propeller RPM without requiring integration with ship systems.



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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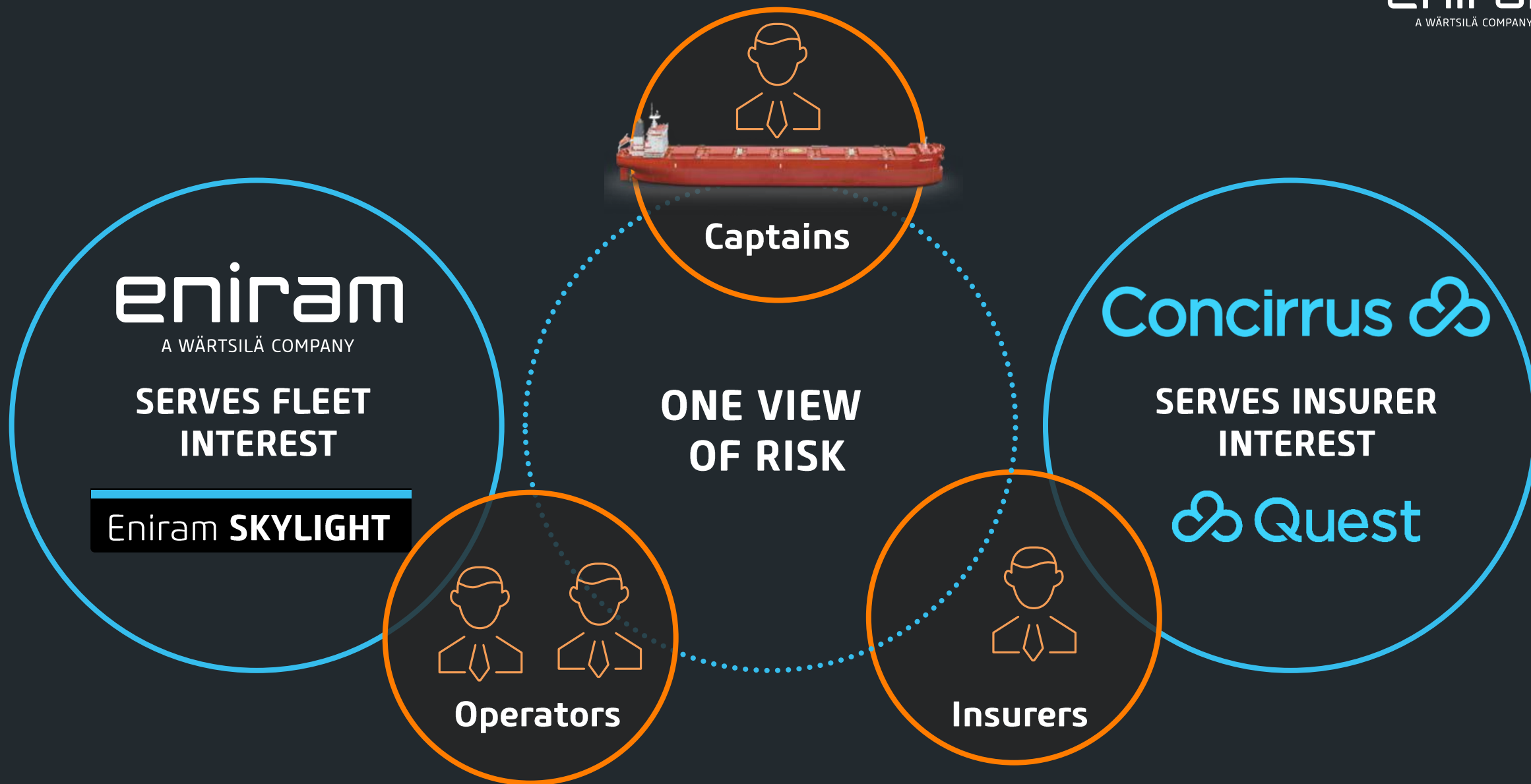


*Our joint vision at Wärtsilä is to lead the industry transformation towards a Smart Marine Ecosystem*

*Today Eniram is announcing a partnership with Concirrus to offer world's first intelligent insurance for the maritime industry based on location data supplied by the Skylight 3.0 service.*







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[www.eniram.fi](http://www.eniram.fi)