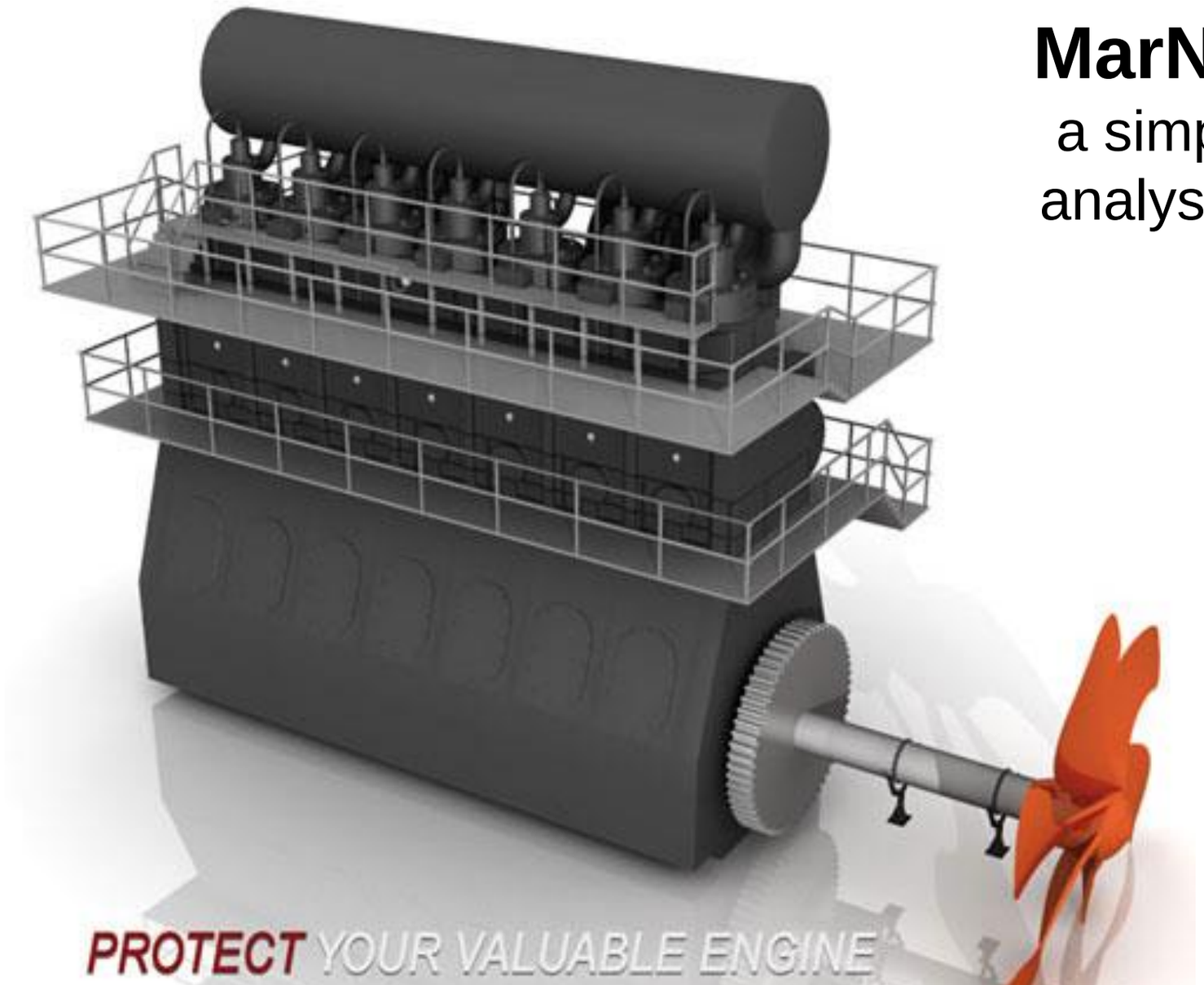
MARNOON

MARIDIS

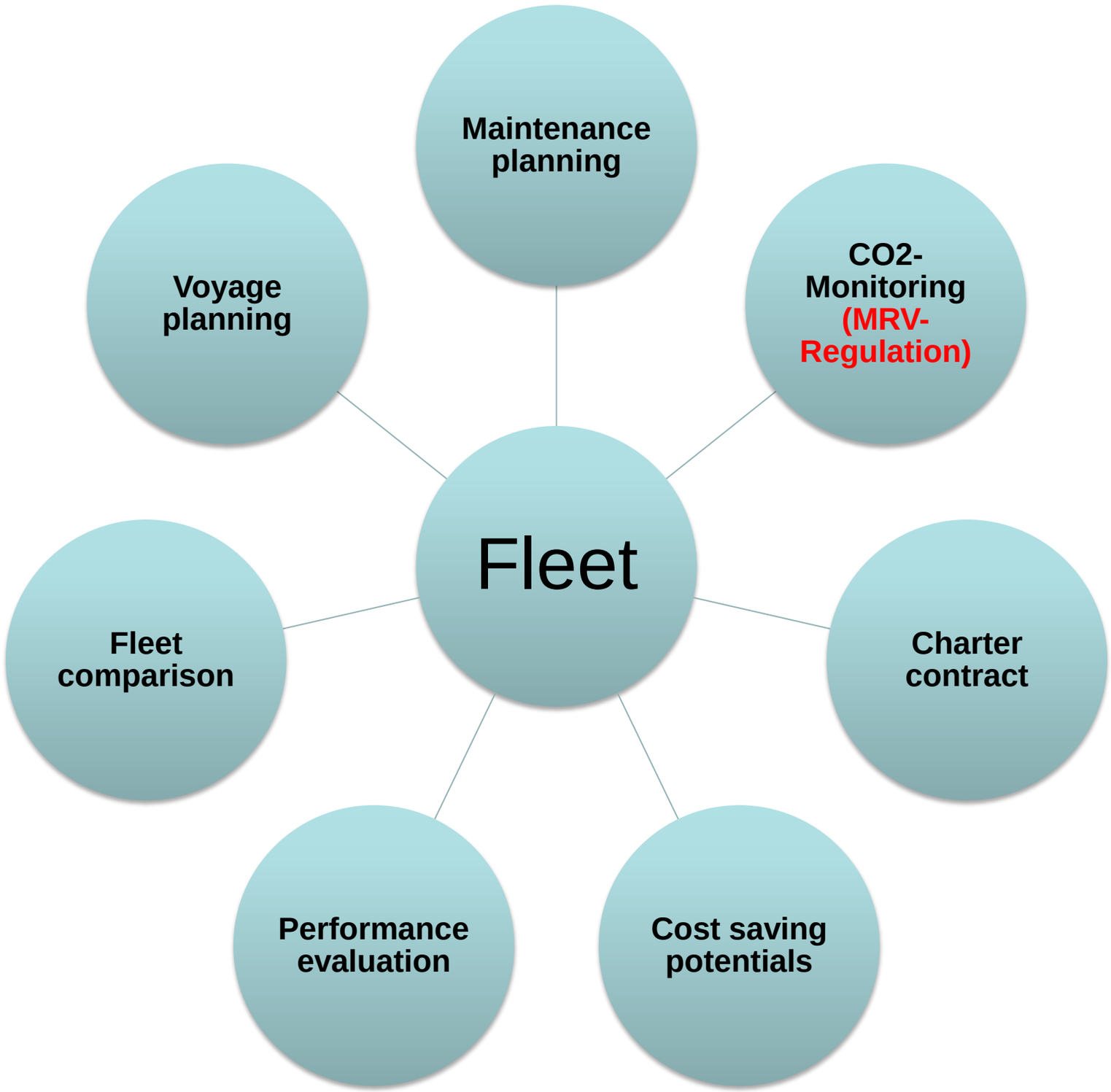
MARITIME DIAGNOSIS & SERVICE



MarNoon – VoyageReport

a simple solution for performance analysis and MRV-CO2-Monitoring

Importance of voyage and ship perfomance data



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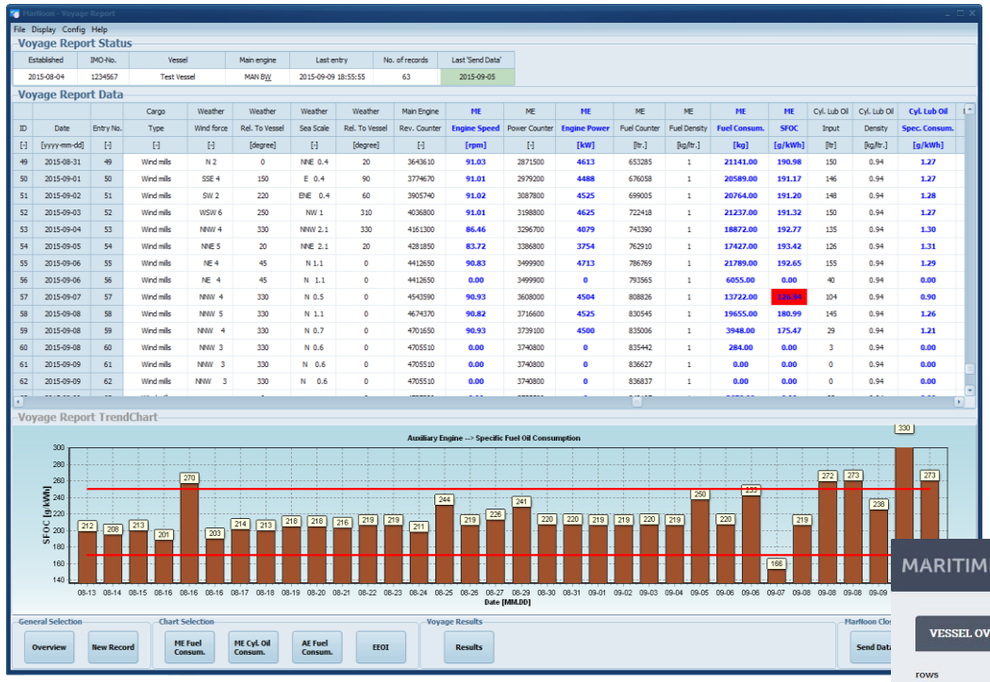
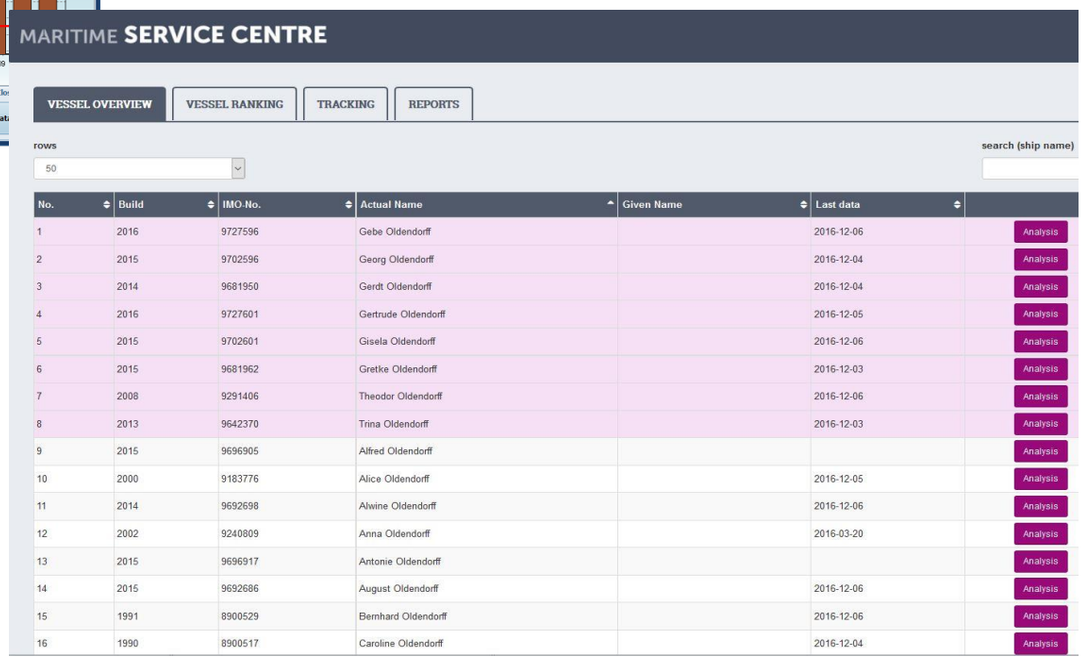
Maridis solution for Perfomance and CO2-Monitoring

MarNoon on board ship



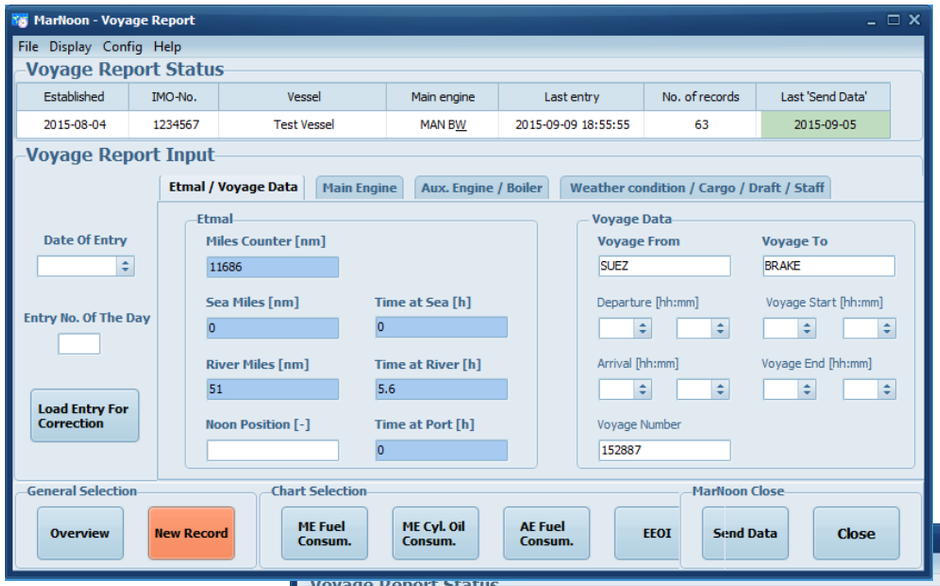
Online Service Center



MarNoon – How it works

Data Input

- Manual input based on readings



Performance Calculation

- SFOC
- EEOI
- etc.

Analysis/ Evaluation

- Trend charts
- Limit excess
- Voyage comparison

Data Transfer Onshore

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Maridis - Maritime Service Center

MARITIME SERVICE CENTRE

VESSEL OVERVIEW | VESSEL RANKING | TRACKING | REPORTS

rows: 50

search (ship name):

No.	Build	IMO-No.	Actual Name	Given Name	Last data	
1	2016	9727596	Gebe Oldendorff		2016-12-06	Analysis
2	2015	9702596	Georg Oldendorff		2016-12-04	Analysis
3	2014	9681950	Gerdt Oldendorff		2016-12-04	Analysis
4	2016	9727601	Gertrude Oldendorff		2016-12-05	Analysis
5	2015	9702601	Gisela Oldendorff		2016-12-06	Analysis
6	2015	9681962	Gretke Oldendorff		2016-12-03	Analysis
7	2008	9291406	Theodor Oldendorff		2016-12-06	Analysis
8	2013	9642370	Trina Oldendorff		2016-12-03	Analysis
9	2015	9696905	Alfred Oldendorff			Analysis
10	2000	9183776	Alice Oldendorff		2016-12-05	Analysis
11	2014	9692698	Alwine Oldendorff		2016-12-06	Analysis
12	2002	9240809	Anna Oldendorff		2016-03-20	Analysis
13	2015	9696917	Antonie Oldendorff			Analysis
14	2015	9692686	August Oldendorff		2016-12-06	Analysis
15	1991	8900529	Bernhard Oldendorff		2016-12-06	Analysis
16	1990	8900517	Caroline Oldendorff		2016-12-04	Analysis

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Maridis – CO2-Monitoring-Report

Monitoring-Reporting-Verification (EU-MRV Regulation)

Shipping Company: IMO-No.:

Report Date: 18/04/2016 Period: 01/01/2016-00:00 - 31/01/2016-23:59

Voyage data

Port of departure	Port of arrival	Departure	Arrival	Time at Port [h]	Time at Sea [h]	Time at River [h]	Distance [nm]	Cargo [MT]	Transport work [Mio. t*nm]	FOC* [t]
Order	Cristobal	2016-01-01	2016-01-03	9.5	49.5	1.3	594	0	0	56
Cristobal	Balboa	2016-01-03	2016-01-04	32.0	0	4.3	10	0	0	6
Balboa		2016-01-04	2016-01-12	182.7	0	8.7	39	0	0	33
Balboa	Shanghai	2016-01-12	2016-01-30	3.7	433.5	0.8	5,267	0	0	476
	Total			**227.9**	**483.0**	**15.1**	**5,910**	**-**	**-**	**571**

* include ME, AE and Boiler

Detailed data of fuel consumption and emitted CO2

Port of departure	Port of arrival	FOC ME [t]	CO2-factor	ME CO2-Emission [t]	FOC AE [t]	CO2-factor	AE CO2-Emission [t]	FOC Boiler [t]	CO2-factor	Boiler CO2-Emission [t]
Order	Cristobal	49.2	3.206	157.8	6.3	3.206	20.3	0.6	3.206	2.0
Cristobal	Balboa	0.0	3.206	0.0	3.6	3.206	11.6	1.9	3.206	6.2
Balboa		2.5	3.206	8.1	17.4	3.206	55.9	12.8	3.206	41.0
Balboa	Shanghai	428.6	3.206	1,374.1	47.2	3.206	151.3	0.5	3.206	1.5
	Total	**480.3**	**3.206**	**1,540.0**	**74.6**	**3.206**	**239.1**	**15.8**	**3.206**	**50.7**

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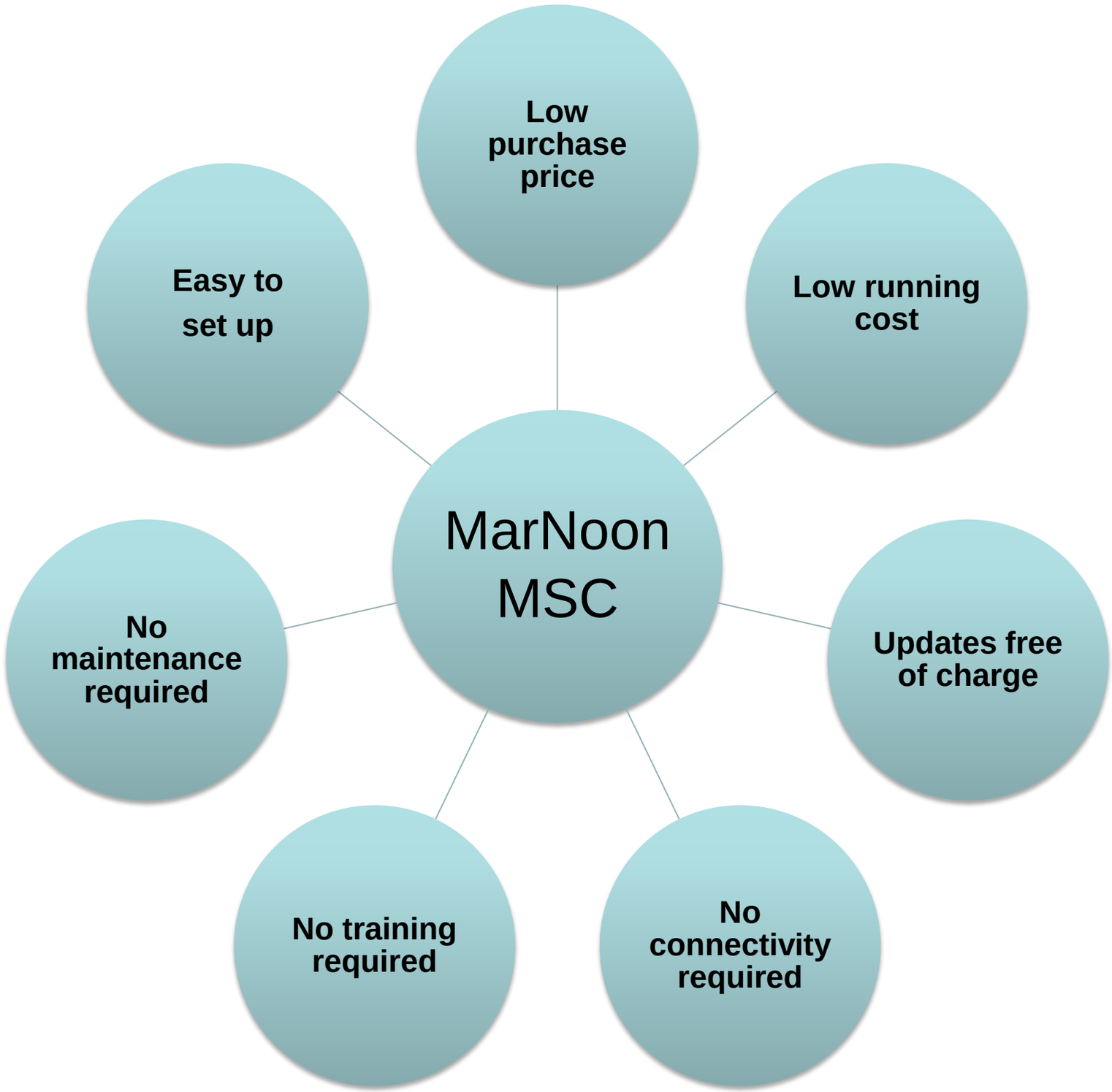
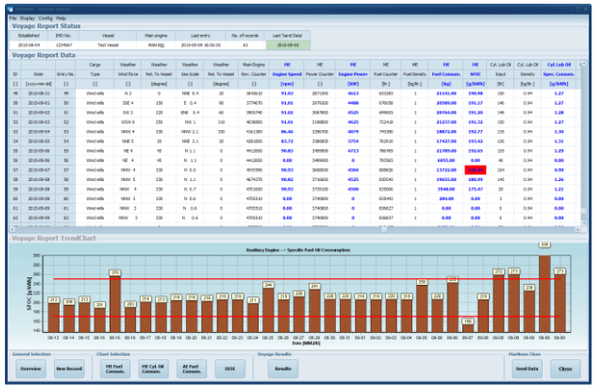
Benefits over automated data collection systems

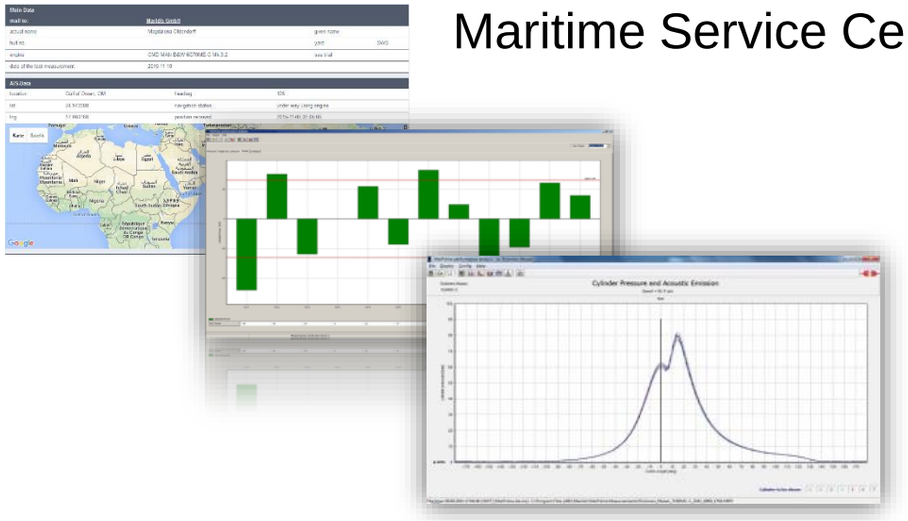


Our solutions

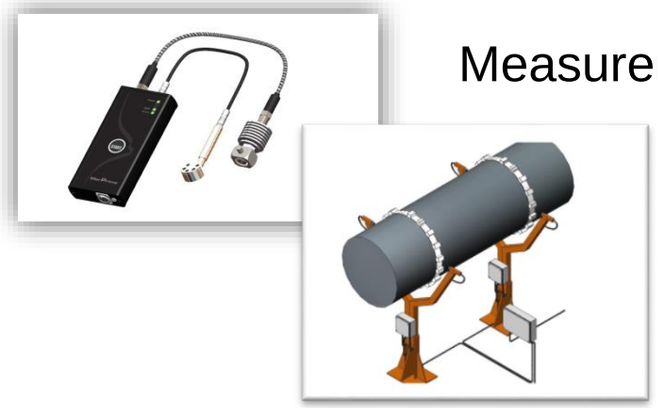


MarNoon –
Voyage Report

Maritime Service Centre



Measurement Systems



Your benefit

- Increased efficiency
- Cost savings
- Maintenance planning
- Voyage planning
- Reporting (Performance, CO_2)
- Ready for MRV-Regulation