

REAL TIME MOVEMENTS

REAL TIME EMISSIONS

PORT EXPLORATION

BETTER PLANNING

LESS FUEL COSTS

REDUCED CARBON EMISSION



BENEFITS WITH PORTTRACKER.CO







FUEL SAVINGS



PORT EXPLORATION



DISPATCHING & UTILIZATION OPTIMIZATION



COMPLIANCE & RISK ASSESSMENT



MANEUVER ASSESSMENT



BEHAVIOUR CHANGE



BEST UTILIZATION



REPORTS & DATA MANAGEMENT

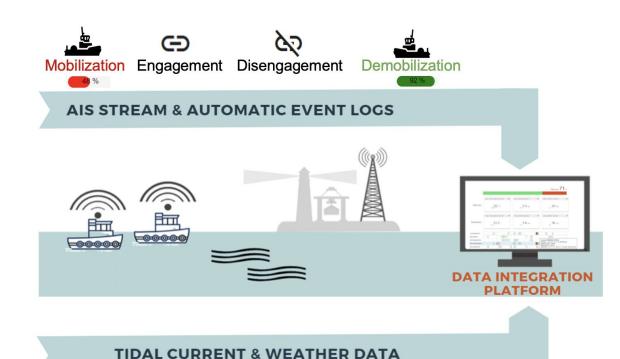




We help companies to set up your their own AIS network if they don't have one. Producing own AIS Data has many advantages and also safes money.

The AIS Network can be installed on-shore or on the workboat itself, it is highly secured by Wireguard Firewall technology and reliable.

Our AIS Devices are based on Raspberry CM4 Modules and own PCBs and can installed indoor, outdoor and on vessels





AIS IoT DEVICE

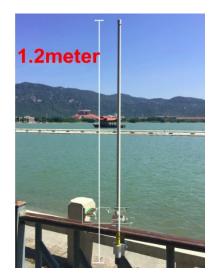
Raspberry CM4 Board
POE compatible
AIS Receiver (SRT or Weatherdock)
Battery Management
LAN - WIFI & mobile Network possible
WIFI Hotspot
Remote and local Webconfiguration
interface
Local AIS Plattform
(SignalK compatible)
SSD Hard Disks





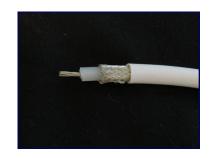
POE Switch

CM4 Rasperry, SRT Receiver, POE compatible



simple Standard Marine VHF/AIS Antenna





RG-58U, RG-8X, or RG-213 Tradeoff - thickness vs length



Yagi Antenna for wider reception on coastline







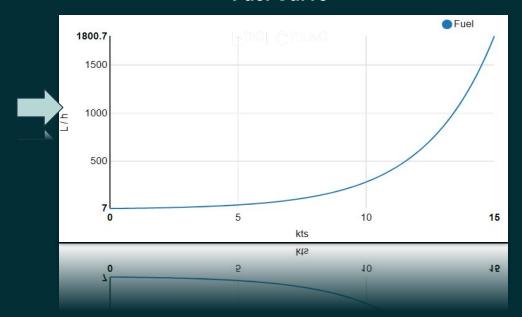


FUEL EFFICIENCY

Our patented AI algorithm can calculate the fuel consumption of your fleet and shows you optimisation potential by combining real-time positional, tidal, weather and engine data.

Here imminent savings in fuel cost can be realized

Fuel Curve

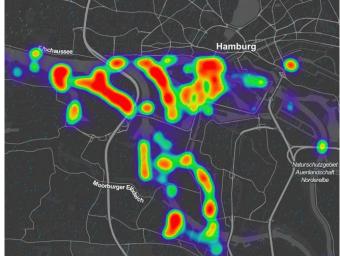




CO2 Dashboard

For environmental regulations you can generate Co2 Reports easily and also demonstrate the Co2 footprint of every portcall









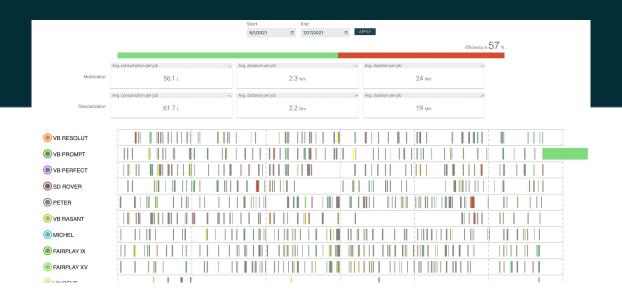
- Understand the market share and trends and get more insights about competitor assessments.
- Generate new business opportunities in ports you already serve or find new territories with the help of better data about port traffic and revenue expectations.

			St		End						
			7	/18/2021	≡ 7/27/2021	∰ APPLY					
Jobs 💠	Green (3) ÷	Yellow (2) 💠	Red (1) ÷	Eco sco (total/jobs)	actual vessel fuel pused (Litres)	Potential fuel savings missed ‡ (Litres)	Total actual fuel cost (US \$)	Total potential cost saving missed (US \$)	Total CO2 produced () (tons)	Potential CO2 savings missed ‡ (tons)	Optimum Costs (Delta Actual Poten : Savings)
7	1	4	2	61 %	1151	6061	\$599	\$315	3.13 t	1.65 t	\$284
25	6	6	13	57 %	2526	1065 I	\$1.314	\$554	6.87 t	2.90 t	\$760
3	0	0	3	33 %	2711	2160 I	\$1.410	\$1.123	7.38 t	5.88 t	\$287
1	0	0	- 1	33 %	821	5671	\$427	\$296	2.231	1.54 t	\$132
2	1	0	- 1	66 %	1284	8971	\$668	\$466	3.49 t	2.44 t	\$202
5	1	3	- 1	66 %	1010	6311	\$525	\$328	2.75 t	1.72 t	\$198
1	0	0	1	33 %	183	731	\$95	\$38	0.50 t	0.20 t	\$57
26	2	10	14	51 %	3215	1244 I	\$1.672	\$647	8.75 t	3.38 t	\$1.025
1	0	1	0	66 %	1061	171	\$55	\$9	0.29 t	0.05 t	\$46
17	5	4	8	60 %	1236	4081	\$643	\$212	3.36 t	1,11 t	\$430
25	4	9	12	56 %	2739	13221	\$1.424	\$687	7.45 t	3.60 t	\$737
26	4	10	12	56 %	2173	6861	\$1.130	\$357	5.91 t	1.87 t	\$773
20	10	7	3	78 %	1397 I	4631	\$726	\$241	3.80 t	1.26 t	\$485
20	2	5	13	48 %	3240	15561	\$1.685	\$809	8.82 t	4.23 t	\$876
23	3	5	15	49 %	4065 I	17431	\$2.114	\$907	11.06 t	4.74 t	\$1.207
11	1	5	5	54 %	1309 I	3671	\$680	\$186	3.56 t	0.97 t	\$495
2	0	1	1	50 %	203 I	691	\$106	\$36	0.55 t	0.19 t	\$70
18	6	6	6	66 %	1576	5941	\$820	\$309	4.291	1.62 t	\$511
23	4	9	10	57 %	2572	11511	\$1,338	\$598	7.00 t	3.13 t	\$739
18	6	6	6	66 %	1250 I	3821	\$650	\$199	3.40 t	1.04 t	\$451
21	5	12	4	68 %	1188	2521	\$618	\$131	3.23 t	0.69 t	\$487
18	4	5	9	57 %	1415 I	4141	\$736	\$215	3.85 t	1.13 t	\$520



COMPLIANCE & Risk Assessment

- Get a better understanding about the ships that are coming and with what operators, managers and owners you are dealing.
- Put a red flag on unwanted vessels or clients.

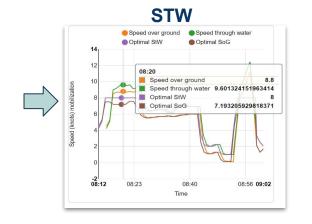






Maneuver Assessment

Archive the Tracking
Data for all jobs within
the cloud and use them
for various purpose,
such as trainingsessions,
maneuver assessments
and also accident
investigations.

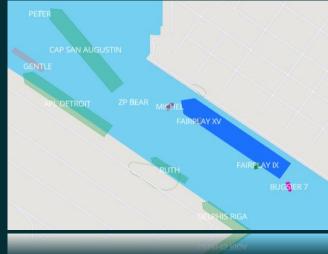




In many cases your data is distributed into many files that are owned by many people.

Our solution is the starting point for setting up a centralized knowledge base for your operational data.

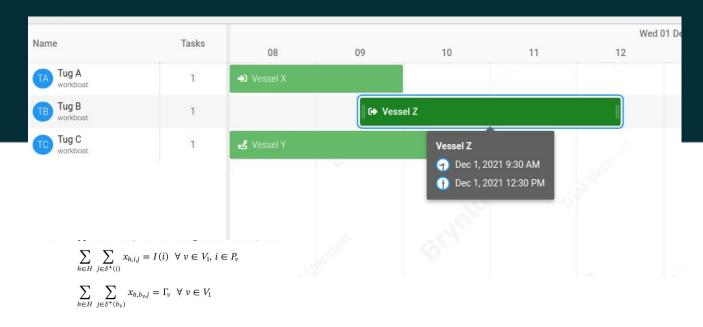






Dispatching & Utilization Optimization

Make use of the OR and ML powerd dispatching solution to optimize the utilization of your fleet based on actual ETA, ETB and ETD Data.







BEHAVIOUR CHANGE/ Nudging

Send performance Reports to your captains and masters. They immediately get response and feedback for their sailing behaviour.

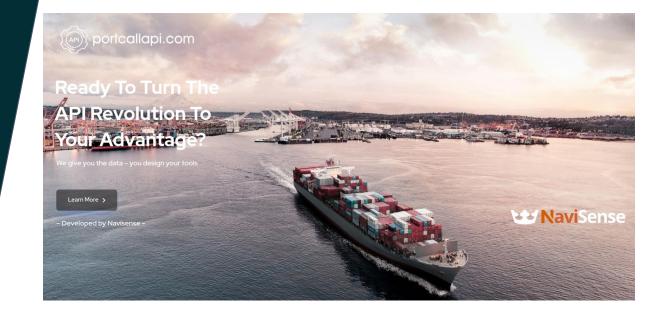




API based Design

portcallapi.com feeds our Apps with data and functionality. Endpoint that are available:

- ETA / ETD
- Mooring / Unmooring Times
- ECO Score & Co2 Emissions
- Tugboat Events
- Pilot Events
- Tides & Waterlevels





YOUR CONTACTS



CARSTEN BULLEMER
OWNER & CEO



carsten@navisense.de



+49 162 946 02 80

