

Digital Platform For Port Control Montrose Port Authority



THE CHALLENGE

In August 2019, Captain Tom Hutchison was appointed CEO of the Montrose Port Authority. In order to grow the port and ensure that it remained a leader in its field, Tom had a vision of Montrose Port as the smartest port around. An introduction from Scottish Enterprise to Sercel Concept gave him the opportunity to turn that vision into a reality. Montrose wanted to create an efficient, integrated, digital system with three major objectives:

- To digitize the Port Control whiteboards in order to streamline processes and reduce errors
- To digitize the back office functions and reduce the time taken to prepare accounts for clients
- To open up the port's processes to the wider port community and create greater efficiency among their stakeholders

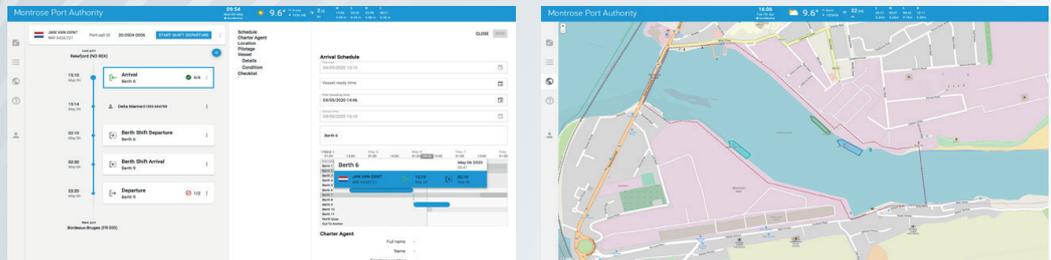
VESSEL	PORT OF ORIGIN	ARRIVAL DATE	DEPARTURE DATE	VESSEL AGENT	CARRIER	LAST FUEL	NEXT FUEL	CHECKLIST
1001	SWEDEN	2023-01-10 08:00	2023-01-10 18:00	Swedish Shipping	Swedish Shipping	Pharos (UK) (2023)	Pharos (UK) (2023)	🟢🟢🟢🟢
1002	UK	2023-01-10 09:00	2023-01-10 19:00	Edin Marine	Edin Marine	Barrow (UK) (2023)	Barrow (UK) (2023)	🟢🟢🟢
1003	UK	2023-01-10 10:00	2023-01-10 20:00	Edin Marine	Edin Marine	Barrow (UK) (2023)	Barrow (UK) (2023)	🟢🟢🟢
1004	UK	2023-01-10 11:00	2023-01-10 21:00	Edin Marine	Edin Marine	Barrow (UK) (2023)	Barrow (UK) (2023)	🟢🟢🟢
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1007	UK	2023-01-10 14:00	2023-01-11 00:00	Edin Marine	Edin Marine	Barrow (UK) (2023)	Barrow (UK) (2023)	🟢🟢🟢
1008	UK	2023-01-10 15:00	2023-01-11 01:00	Edin Marine	Edin Marine	Barrow (UK) (2023)	Barrow (UK) (2023)	🟢🟢🟢
1009	UK	2023-01-10 16:00	2023-01-11 02:00	Edin Marine	Edin Marine	Barrow (UK) (2023)	Barrow (UK) (2023)	🟢🟢🟢
1010	UK	2023-01-10 17:00	2023-01-11 03:00	Edin Marine	Edin Marine	Barrow (UK) (2023)	Barrow (UK) (2023)	🟢🟢🟢

THE SERCEL CONCEPT SOLUTION

Marlin SmartPort is a modular, Cloud-based solution that manages port operations, including port calls and back office administration. The software platform allows ports to capture their core operating data efficiently and accurately, using that data to increase port operational efficiency and generate increased revenues.

Key Features:

- Digital Port Call Management
- Operations Visualization
- Digital Back Offices
- Port Community Portal



THE OUTCOME

In March 2020, the Marlin SmartPort digital whiteboard went live in the Montrose Port Control Room. Within the first 24 hours of operation, the Port Control team was fully conversant with the system and moved seamlessly to full digital port management. The adoption of Marlin SmartPort coincided with the COVID-19 lockdown, and it enabled the port to move to remote working without any major challenges.

“The exciting move to Marlin SmartPort is a major leap forward for Montrose Port Authority replacing manual port operation procedures with an efficient, integrated digital system. The port is renowned for its ability to adapt easily to vessel requirements. The new software really propels us to the forefront of the market, and is ideally aligned with our recent quayside redevelopment and the new landmark contract with SSE Renewables. The project also supports our ambitions to become Scotland’s greenest port.”

Tom Hutchison,
CEO, Montrose Port Authority