

Marlin SmartPort™ | Case Study

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 ION gave him the opportunity to turn that vision into a reality. Montrose wanted to create an efficient, integrated, digital system with three major objectives:

ARRIVAL	DEPART	VESSEL	AGENT	TYPE	STATUS	LOCATION	OPERATION	ST	LAST DATE	NEXT DATE	OPERATION
10:00	10:30	MSD 1001	MSD	MSD	MSD	MSD	MSD	MSD	MSD	MSD	MSD
10:00	10:30	MSD 1002	MSD	MSD	MSD	MSD	MSD	MSD	MSD	MSD	MSD
10:00	10:30	MSD 1003	MSD	MSD	MSD	MSD	MSD	MSD	MSD	MSD	MSD
10:00	10:30	MSD 1004	MSD	MSD	MSD	MSD	MSD	MSD	MSD	MSD	MSD
10:00	10:30	MSD 1005	MSD	MSD	MSD	MSD	MSD	MSD	MSD	MSD	MSD
10:00	10:30	MSD 1006	MSD	MSD	MSD	MSD	MSD	MSD	MSD	MSD	MSD
10:00	10:30	MSD 1007	MSD	MSD	MSD	MSD	MSD	MSD	MSD	MSD	MSD
10:00	10:30	MSD 1008	MSD	MSD	MSD	MSD	MSD	MSD	MSD	MSD	MSD
10:00	10:30	MSD 1009	MSD	MSD	MSD	MSD	MSD	MSD	MSD	MSD	MSD
10:00	10:30	MSD 1010	MSD	MSD	MSD	MSD	MSD	MSD	MSD	MSD	MSD

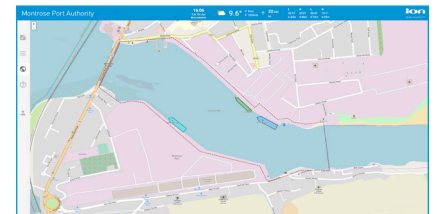
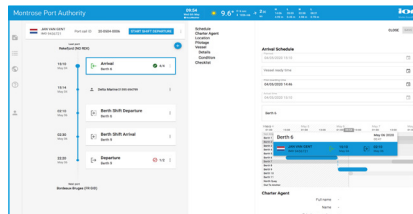
- To digitize the Port Control whiteboards in order to streamline processes and reduce errors
- To digitize the back office functions and reduce the time taken to prepare accounts for clients
- To open up the Port's processes to the wider port community and create greater efficiency among their stakeholders

THE ION SOLUTION

Marlin SmartPort - 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 Office
- 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 were 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)