TEAMASV
A People and Knowledge Network

Team ASV's Maritime Marvel Solves Real-Time Data Trouble

Challenges:

- The main challenge was to promote the compilation of real-time data on the ship.
- They faced the need to smoothly gather information from both the Electronic Chart Display and Information System (ECDIS) and the engine room, and broadcast it securely to a cloud database.
- The ship, confined to satellite connections, faced interruptions during adverse weather, leading to gaps in real-time data.
- They needed a solution that not only collected data skillfully but also guaranteed an unbroken uplink, regardless of the weather conditions.

Our Solutions

- Team ASV rose to the challenge, connecting the ECDIS and engine room directly to a cloud database.
- The foundation of their solution was the implementation of Xtrakt™ Compact on-site, a cutting-edge technology that facilitated the smooth transmission of crucial data.

Benefits

- The continued availability of real-time data for informed decision-making fostering effective planning and resource management.
- The integration of Machine Interlock further enhanced operational efficiency, creating a symbiotic relationship between the ship's various systems.
- Easy operator interface facilitated the navigators and engineers to access and interpret the data seamlessly, ensuring that the technology worked effortlessly with human expertise.