

Contract Awarded for Mission Planning and Monitoring Software Development



Ocean Infinity has awarded 4D Nav the contract for InfinityView, mission planning and monitoring software for its multiple autonomous vehicle systems. The software will optimise the mission planning for all autonomous underwater vehicles (AUVs), unmanned surface vehicles (USVs) and the host vessel by applying deep learning technology.

As the planned missions are being executed all of the autonomous vehicles and the host vessel will be tracked against their planned missions. If any deviations occur InfinityView will dynamically update the mission plan to allow corrective decisions to be made and executed.

Multiple Autonomous Vehicles

In the second quarter of 2017 Ocean Infinity will begin sea trials on the simultaneous operation of multiple autonomous vehicles to be used in the exploration of the seabed. The software InfinityView is key in the ability to cover a large area of seabed economically and with more accuracy and efficiency.

4D Nav's managing partner Stewart Cannon believes this software is imperative in the coordination and monitoring of the multiple autonomous vehicles that will operate in the ocean simultaneously.