

**CASE STUDY**

# Growing Salvage Operation Relies on Mission Specialist Underwater Robots

## Sea Solutions Singapore provides

fully integrated underwater solutions including services, tools, equipment and other products for the offshore and marine industries. The company also provides specific consultation, customization of engineered solutions and project management.



SEA SOLUTIONS SINGAPORE LLP



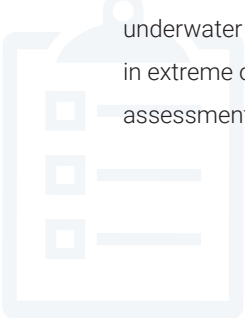
### Summary

Sea Solutions Singapore turned to VideoRay for underwater robotic systems that could perform well in extreme offshore operations, including new salvage assessment missions.



### Challenge

Sea Solutions Singapore had been using an underwater robot that wasn't a VideoRay system and learned very quickly that the vehicle could not handle offshore projects. The company had to temporarily discontinue offshore operations until they found a line of consistently dependable underwater robotic systems that work well in harsh offshore conditions.





## Solution

Sea Solutions Singapore purchased a VideoRay Mission Specialist Defender underwater robotic system to use on recently awarded missions including salvage operations. The Defender system would improve the efficiency of service that the company provides and reduce the risk to divers, especially in complicated situations.

For salvage missions, Mission Specialist systems provide a dependable, portable and cost-effective underwater solution, and they have a proven history of locating sunken vessels with ease. Mission Specialist technology is unique because it enables operators to add new sensors and tooling from a broad range of manufacturers to accommodate a wide selection of payload, power and communications options. Users can conduct a salvage mission offshore in clear water or in lower-visibility port environments with imaging sonar tools.

The Defender system is VideoRay's largest and most powerful configuration, optimized for precise control, heavier payloads, lifting and specialized operations. Yet deploying these systems simply requires one person to heave the submersible robot by hand into the water.



## Results

Sea Solutions Singapore has increased future bookings and purchased more tooling to expand its capabilities. The company also has plans to purchase additional VideoRay underwater robotic systems as its business grows.

In addition, Sea Solutions Singapore has referred other companies to VideoRay and invites these prospects to observe their Defender system at work on various missions. Such demonstrations often lead to the decision to purchase a VideoRay system.



**Sea Solutions Singapore recognizes the durability and reliability that Mission Specialist underwater robotic systems are known for, and the company credits VideoRay as a key to its success and future growth plans.**

