



## National Ocean Security



**Critical infrastructure inspections and monitoring |  
Harbour surveillance | Vessel support | Seabed surveys |  
Resident ROV/AUV | Engineering | Tau Autonomy Center |  
Smart Ocean Tooling**

**ROV and AUV services provided for the national ocean security sector are essential for various applications related to national security in the maritime domain. Here are some of the key roles that ROVs and AUVs play in the national ocean security sector:**

- 1. Underwater Surveillance:** ROVs and AUVs are used for underwater surveillance to monitor and protect critical infrastructure such as ports, harbors, and offshore installations. They can gather real-time data and imagery to detect any suspicious activities or threats in the underwater environment.
- 2. Search and Rescue Operations:** ROVs and AUVs are deployed in search and rescue operations to locate and retrieve objects or individuals in distress, such as sunken vessels or missing persons. They can navigate challenging underwater terrain and provide valuable assistance to rescue teams.
- 3. Mine Countermeasures:** ROVs and AUVs play a vital role in mine countermeasures by detecting, identifying, and neutralizing underwater mines that pose a threat to maritime security. They can survey large areas efficiently and safely to ensure the safety of shipping lanes and naval operations.
- 4. Environmental Monitoring:** These vehicles are also used for environmental monitoring in the national ocean security sector to assess and mitigate potential threats to marine ecosystems, such as pollution, oil spills, and marine debris. They help in maintaining the ecological balance and protecting marine biodiversity.

**ROV and AUV services are instrumental in enhancing the security and protection of national waters, maritime infrastructure, and coastal borders. They provide valuable capabilities for surveillance, reconnaissance, and response in the national ocean security sector.**