OCEANEERING®

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Remote Piloting and Automated Control Technology (RPACT)

Increase efficiency and optimize operations

Our innovative remote piloting and automated control technology (RPACT) enables full ROV piloting via virtual connection technologies such as vessel-to-vessel radio frequency (RF), satellite/Internet, or subsea optical link.

Supplemented with preprogrammed and automated commands, RPACT uses video processing software that analyzes video, determines spatial distances, and recognizes shapes to enable appropriate movement of the ROV. This provides increased operational support from onshore or another vessel during complex or long-duration activities.

FEATURES

- **Increases efficiency using a remote operations base**
- **Provides access to subject matter experts and specialists**
- **Reduces mobilization costs and carbon footprint**

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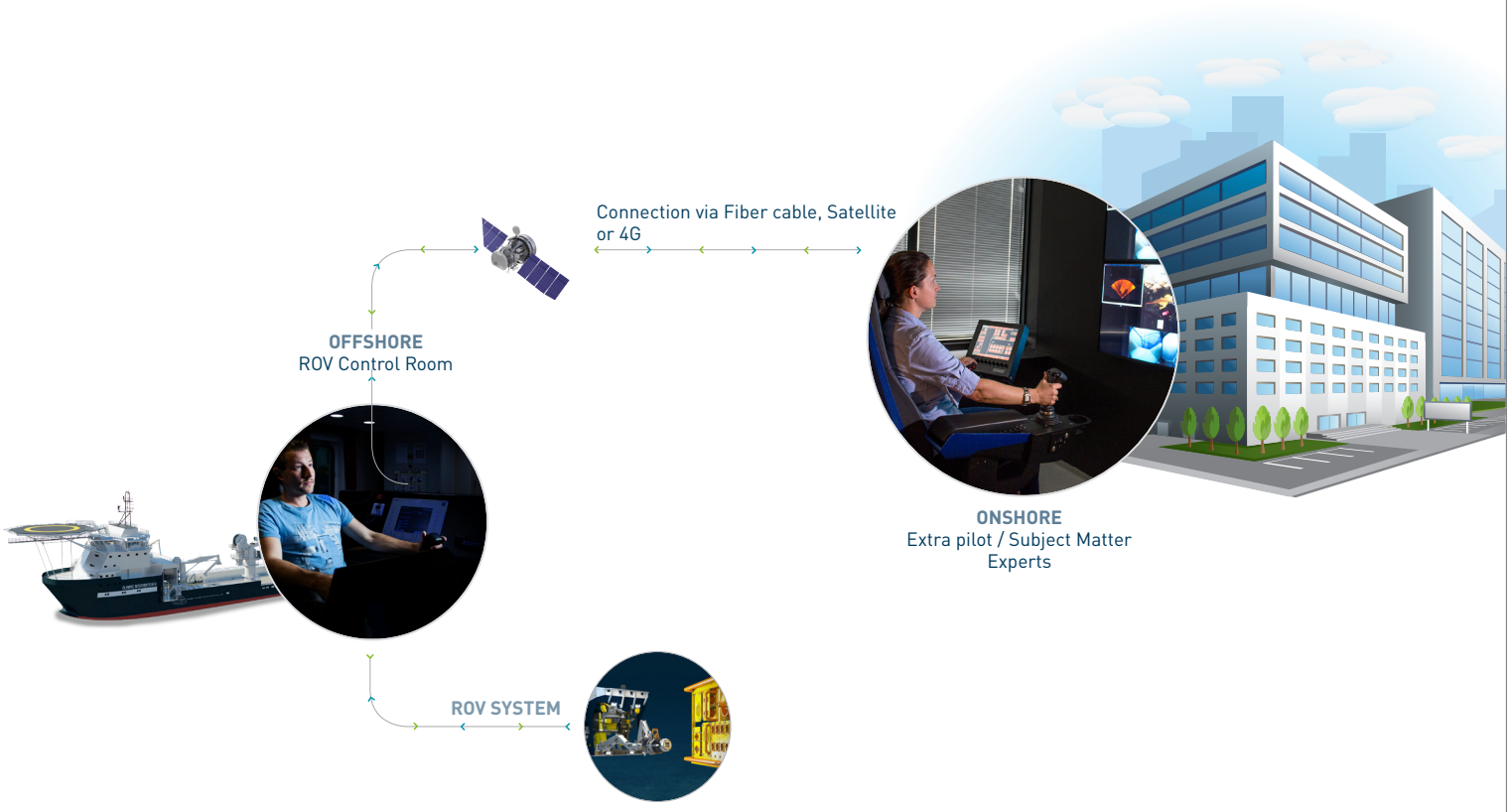
Integrated with RPACT, Tool Instructed Path (TIP) Control enables easy acquisition, deployment, operation, and docking of tooling. Our spatially correspondent manipulator arms can be operated via rate control, spatial correspondence, and TIP. This simplifies and quickens pilot manipulator tasks by providing alternative controllers, such as a 3D ball mouse, to control the path of the manipulator and tool without the need to individually control each joint.

Using RPACT can be advantageous for a wide spectrum of customers. From those who want enhanced interaction to those wanting to demonstrate a forward-thinking, carbon footprint reducing approach, combining the technologies and services Oceaneering provides a comprehensive, one-stop-shop solution.



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