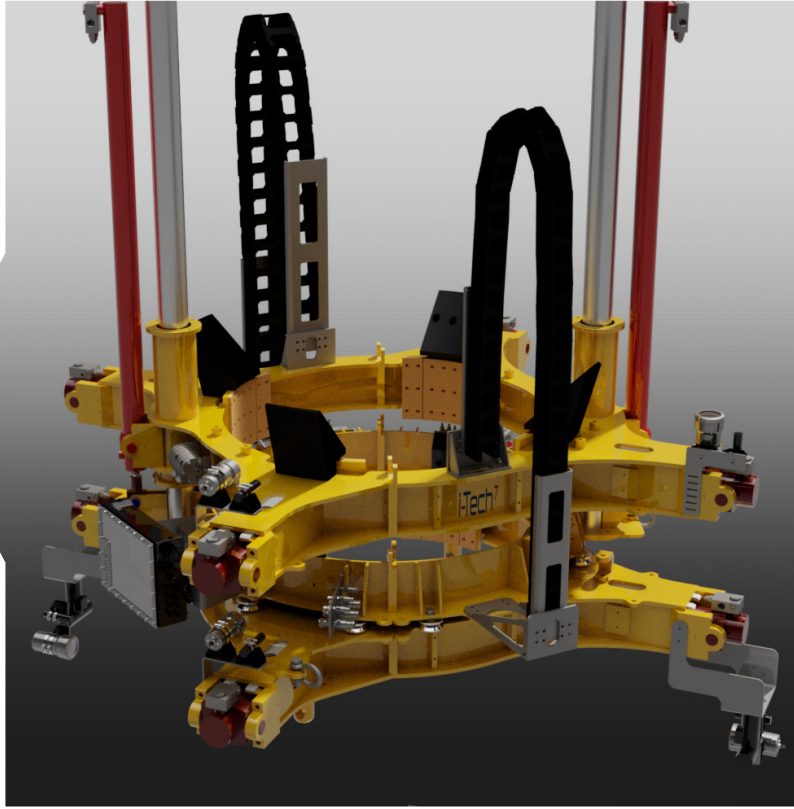


i-Tech Services  
**FEATURED  
PRODUCT**  
MONTHLY | ISSUE 7



## 7SPIRIT

Reduce the down time associated with diver or ROV splash zone operations and avoid the requirement for a support vessel. Increase safety and productivity when working in the splash zone. The 7SPIRIT provides a stable work platform in this demanding environment whilst removing the reliance on divers. This multi-purpose tool also pushes boundaries by working in both air and water without recovery for change outs. Additionally 7SPIRIT can improve safety and productivity for your splash zone interventions.

Read about how we do it, *overleaf*.

We're a global provider of integrated engineering services and products throughout the oil and gas field life cycle. We focus on what matters most to you: reducing complexity, improving performance and lowering costs. We're all about using innovation and technology to unlock value.

# 7SPIRIT

The versatile 7SPIRIT is a work class tool capable of performing a range of inspection, repair and maintenance tasks on platform conductors.

Initially developed and successfully deployed for the installation of wear sleeves, the 7SPIRIT has proven capacity in:-

- Visual inspection
- High pressure water jet cleaning
- Construction tasks – wear sleeve insertion.

7SPIRIT can be configured for use on different types and sizes of infrastructure that transit the splash zone including, conductors, risers and structures with potential to deploy capability such as:-

- Non Destructive Testing (NDT) inspection, e.g. ultrasonic inspection of welds
- Abrasive cutting
- Further construction tasks e.g. anode installation.

Once installed by rope access technicians, the 7SPIRIT is fully controllable from the platform utilising a laptop based control system. This removes the need for divers in the water or a support vessel standing by.

The 7SPIRIT consists of two parts; the carriage and the payload. The carriage features two clamps with a stroking mechanism between them allowing the tool to “walk” itself down the conductor. This is coupled with a rotate mechanism enabling the 7SPIRIT to transit past obstacles and correctly orientate itself for the task at hand.

The payload mounts on to a common interface which carries the required tooling or repair hardware for the operation. Payloads are interchangeable below deck with the support from rope access technicians.

Features of the 7SPIRIT system include:-

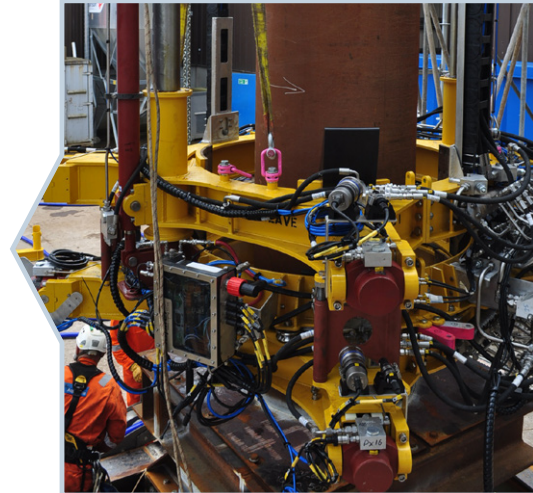
- Payload capacity of ~1,500kg
- >1.5m “walking” step coupled with rotate functionality
- Designed to fail safe in a pre-determined state.

**Want to know more about our 7SPIRIT?**

Contact: [itechservices.clientenquiry@subsea7.com](mailto:itechservices.clientenquiry@subsea7.com)

**[www.i-tech7.com](http://www.i-tech7.com)**

i-Tech Services is a Subsea 7 company



- Eliminates need for divers in splash zone
- Versatile platform for conducting a range of operations
- Able to operate in air or water
- Accurate and stable positioning of tooling
- PC based topside control system
- Opportunities to develop specific payload tooling

