The motion-compensated intervention tower saves time and minimizes risk for deepwater operations by enabling precise perforating and other CT, wireline, and slickline operations concurrent with drilling activity. Designed specifically to fit on the limited-space deck of a tension-leg platform and compensate for moving seas, the tower can skid easily from one well slot to another and convey a long string of perforating guns even while working below the drilling mast equipment package (MEP).

The tower also maximizes safety in operations because of the design of the upper platform, fall arrestors, and handrails. By enabling safer and simultaneous drilling and intervention operations, the tower delivers considerable time, cost, and risk reductions.

Enabling advanced intervention operations
Intervention scope for the tower covers a wide range including slickline, wireline logging, acid stimulation through CT, installation of the CoilFLATE® coiled tubing through-tubing inflatable packer, operations using ACTive® real-time downhole coiled tubing services, completion, and underbalanced perforating. To enable perforating operations without killing the well, the tower includes remotely operated CIRP equipment, which inserts and retrieves long gun strings under wellhead pressure.

The motion-compensated intervention tower reduces deepwater operation time and risks.