



## MPD | ACTIVE PRESSURE MANAGEMENT

Next-generation MPD technology, built by manufacturing specialists



# The next generation of MPD puts all the pieces together. And it's already here.

AFGlobal integrates the MPD puzzle with a full scope of expertise and technology that supports:

- Engineering and design
- Manufacturing
- Service
- Training

Decades of manufacturing experience combined with our deep understanding of pressure management drilling technology has positioned us at the center of the MPD evolution. Working closely with all the stakeholders, we have designed, built, and installed the industry-leading equipment that is enabling a global fleet of MPD-ready rigs. But safe, efficient MPD is much more than innovative iron.

#### AFGlobal: Much more than a manufacturer

As the industry's use of MPD has grown, so has our expertise. We listened and learned from the drilling contractors, operators and MPD service providers we work with every day. Along the way, we have built a portfolio of capabilities—now addressing the larger active pressure management requirements—to answer their challenges. In addition to manufacturing a full complement of innovative, field-proven equipment, we provide:

- Engineering
- FEED studies-from concept to development
- Hydraulic flow modeling
- Rig surveys
- Integrated control software
- Lifecycle services
- After-sales support
- Training







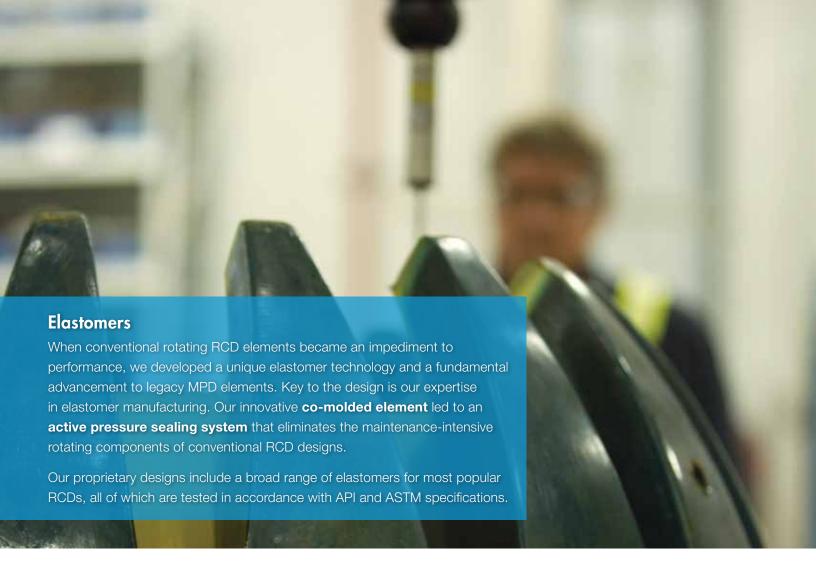


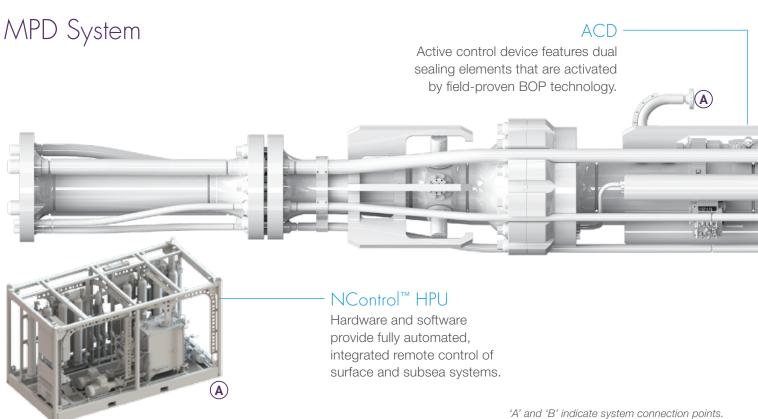
#### ACD and RCD

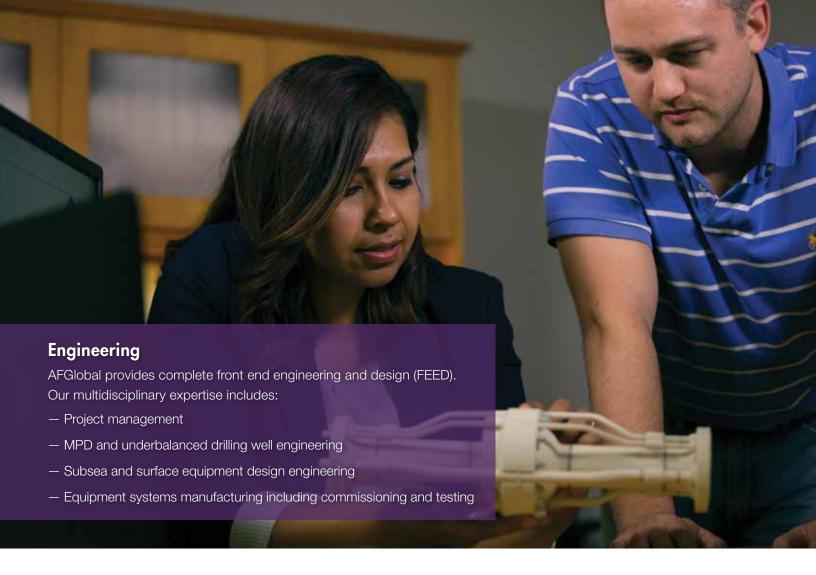
Improve the safety and performance of deepwater MPD by replacing conventional RCDs. Our deepwater **Active Control Device (ACD)** goes to the heart of the challenge with a non-rotating annular diverter. Its unique active pressure sealing system provides wellbore sealing without bearings or rotating components to maintain.

Our **L-Series RCD** provides land rigs and jackups with a safe, effective means of implementing many advanced applications including MPD, underbalanced drilling, and enhanced kick detection.

We build and test our ACD and RCD to API 16 A, API 16 RCD and NACE standards.

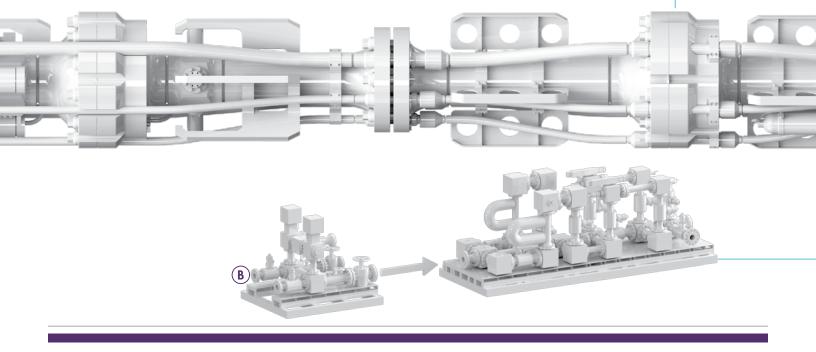




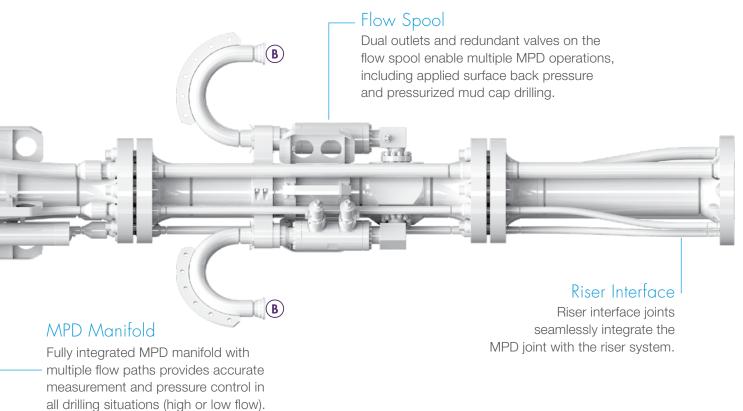


#### DSIT Gen II -

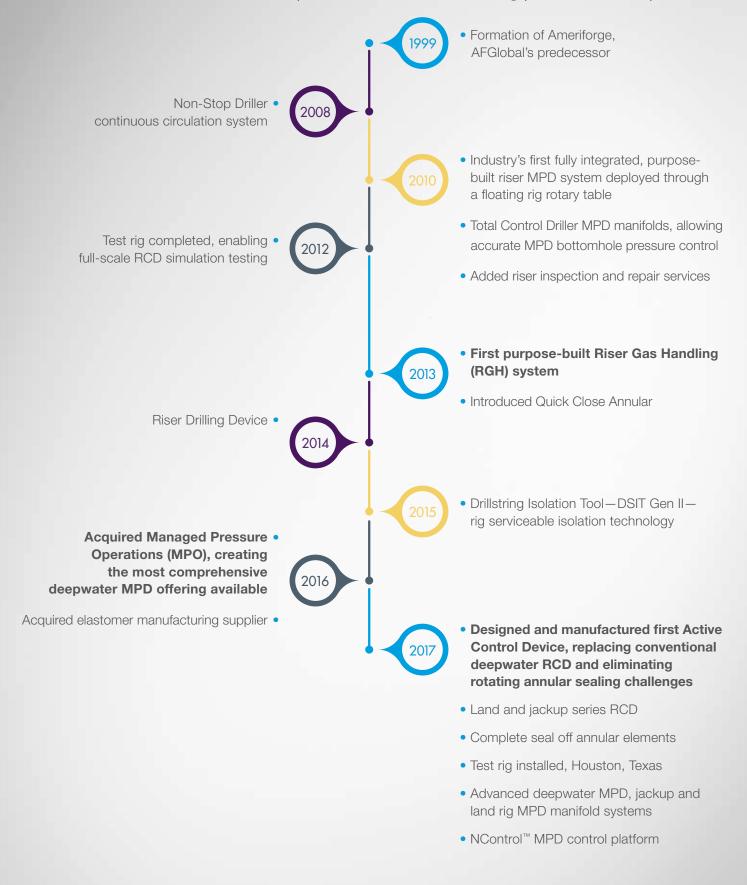
Rig serviceable drill string isolation tool reduces flat time associated with element change-outs.







### AFGlobal: Pathway to MPD Technology Leadership



Contact our MPD experts to start your transition to a safer, more efficient—and more competitive—rig. Our experienced people and premium technology stand ready to meet the needs of your specific rig and objectives.



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