

## ENERGY SECTOR DRILLING RELIABILITY/PROCUREMENT



One of the world's leading land-based drilling companies experienced much higher maintenance costs in the USA than elsewhere in its global organization. The client wished to improve Mean Time Between Failure (MTBF) performance and drive real efficiencies in its maintenance and procurement function.

### HOW WE MADE IT HAPPEN:

- Improved 'root cause' visibility on equipment failures:
  - Utilized on-rig handhelds for input
  - Installed reports to track failures by root cause by rig and region
  - Raised preventative maintenance compliance from 32% to 94%
  - Achieved a 33% improvement in MTBF
- Restructured the maintenance department geographically to respond efficiently to work orders
- Centralized the Purchase Order process to improve speed and PO accuracy at all process steps
- Installed a full reliability program nationwide across 90 rigs, and made significant enhancements to the pre-existing CMMS
- Installed a monthly budget review meeting to improve purchasing data accuracy and critical discussion
- Improved hydraulics, electrician and rig mechanic 'time-on-tools' productivity by 33%. The productivity increase was achieved through setting 'real-world' time standards and batching work orders by rig
- Improved first-pass invoice quality by 70% allowing the payables department to redeploy staff to higher-value tasks
- Reduced downtime on the rig due to maintenance from 3.3% to 1.1% within six months completion of the project. The company was able to generate increased revenues and improve service
- Standardized the drilling rig move process across all regions to reduce rig damage

# \$5.5MM

## EBITDA IMPROVEMENTS



### RESULTS:

The client was able to upgrade its processes, systems and habits in under 30 weeks. Changes were made in a collaborative and responsible way, to improve service and safety performance while simultaneously reducing costs.

**We are here to Make It Happen™.**

**Contact us for a complimentary assessment to help solve your complex business issues at [info@trident.com](mailto:info@trident.com).**