Aftermarket Services

Rig + Equipment Upgrades

Upgrade + Optimize.



Applications

- Land rigs
- Offshore rigs
- Drilling equipment
- Rig structures
- Mechanical systems
- Electrical + control systems

Improve What You Have. Prepare It for What's Next.

Operational requirements change. Equipment ages. Components become obsolete. New technology creates opportunities to improve safety, reliability and performance.

Complete replacement isn't always the right answer. We combine engineering, OEM, manufacturing and aftermarket expertise to repair, overhaul and modernize existing rigs and equipment, helping customers extend productive life while adapting assets to changing operational requirements.

From individual equipment overhauls and electrical conversions to structural upgrades and wider rig modernization, we help customers target investment where it delivers greatest operational value.

Existing Equipment. New Demands.

Many drilling assets still have significant operational value, but individual systems may no longer meet today's requirements.

Aging components can become difficult to maintain. Original parts may no longer be supported. Legacy controls can restrict performance and connectivity. Equipment condition can affect reliability. New operational requirements may demand greater capability than the original system was designed to provide. And pressure is on produce energy in more efficient and sustainable ways.

Operators therefore face an important decision: repair, upgrade or replace? The right answer requires an understanding of equipment condition, operating requirements, integration constraints and the cost and value of each option.

Upgrade outcomes that matter

- ✓ **Extended rig + equipment life**
- ✓ **Improved reliability + availability**
- ✓ **Reduced obsolescence risk**
- ✓ **Improved operational capability**
- ✓ **Increased maintainability**
- ✓ **New technology integrated into existing assets**
- ✓ **Reduced requirement for complete replacement**
- ✓ **Alternative energy sources**
- ✓ **Investment targeted where it creates greatest value**

Our services

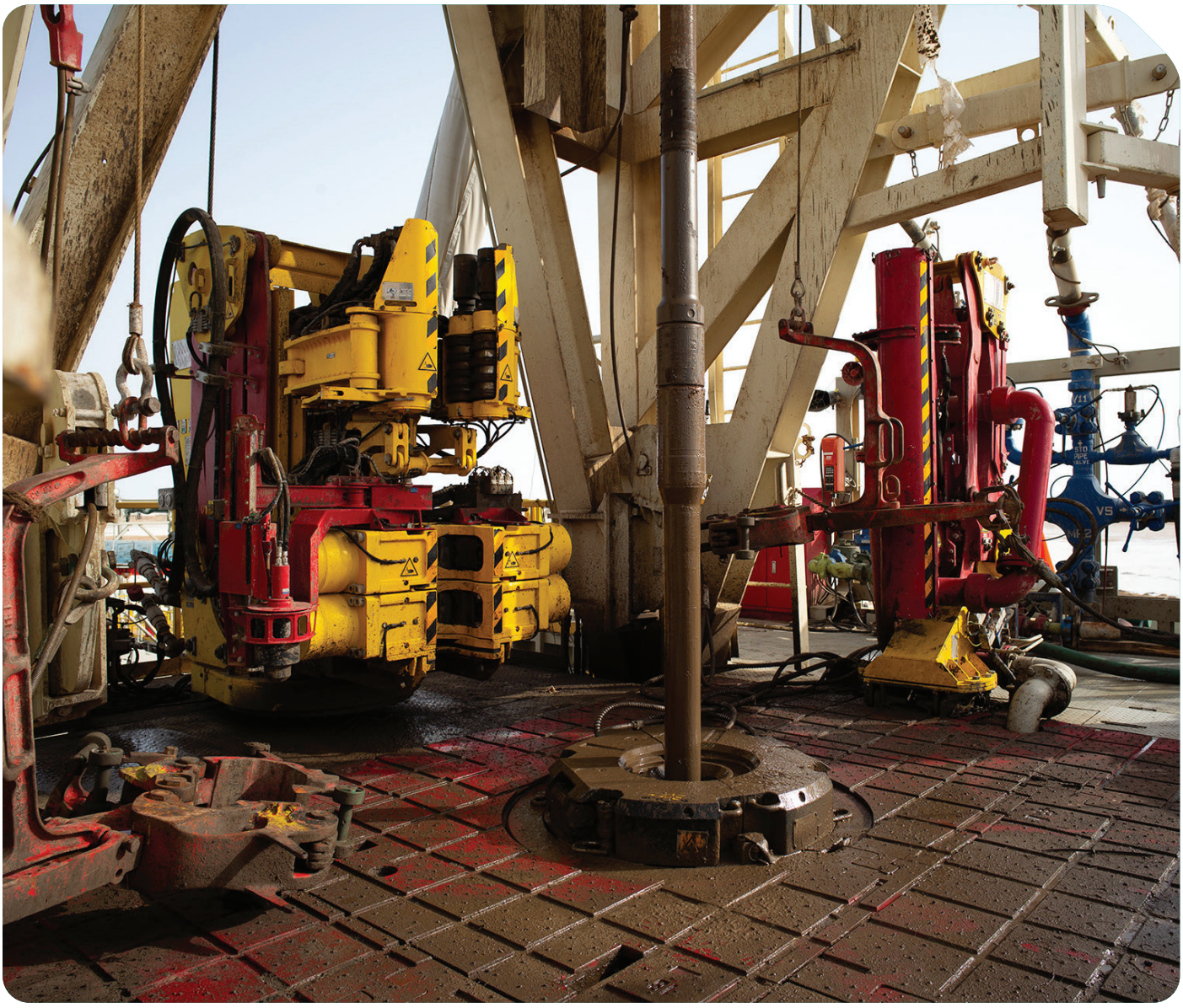
From targeted equipment overhauls to wider rig modernization

We help customers improve the reliability, capability and service life of existing assets. Combining OEM, engineering and aftermarket expertise, we identify and deliver practical upgrades that address equipment condition, obsolescence and changing operational requirements without defaulting to complete replacement.

Rig Upgrades	We modernize existing rig systems to meet changing operational and performance requirements.
Drilling + Ancillary Equipment Overhauls	We inspect, repair and restore equipment to support continued reliable operation.
Structural Inspection + Upgrade	We support CAT III/IV requirements and associated rig mast, substructure and structural intervention.
Electrical Modernization	We upgrade electrical equipment, motors and controls to improve maintainability, reliability and capability.
DC-to-AC Conversion	We modernize legacy drive systems where conversion provides operational and lifecycle benefits.
Equipment Replacement	We replace aging, obsolete or underperforming equipment where continued repair is no longer the right solution.
Power Supplies	We modernize rigs with alternative power supply concepts, ranging from grid connection to dual operation with traditional generators.
Technology Integration	We integrate modern controls, automation, monitoring and digital technology into existing rig infrastructure.

Why BENTEC?

- **We know the equipment**
  OEM knowledge informs decisions around repair, overhaul, upgrade and replacement
- **Engineering + aftermarket together**
  Complex upgrades can draw on BENTEC's multidisciplinary engineering capability
- **Built for brownfield reality**
  We understand that upgrades must work within existing interfaces, space, infrastructure and operating requirements
- **Technology within reach**
  Our wider controls, automation and digital portfolio creates pathways to modernize existing assets rather than simply replace them
- **From assessment to operation**
  We can support inspection, engineering, equipment, installation, commissioning and ongoing service



BENTEC
Bold Engineering+Technology

Speak to a BENTEC expert

sales@bentec.com bentec.com

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