

Rig Concept & Design

At AXON, we understand that one drilling package design – one brand of rig equipment – does not fit all. We will work with you on an individual basis to pinpoint your unique rig design needs. Whether it includes providing a comprehensive engineering, EP, or EPC solution for a new drilling facility, custom upgrades and modifications to your current rig, or consultation on the best approach to equipment and systems integration, AXON delivers.

In addition, we provide independent systems engineering and safety verification for drilling contractors and rig builders. AXON is dedicated to helping you minimize risk and develop safe, reliable systems and solutions. Through comprehensive engineering studies, AXON maintains an intense focus on the work environment and environmental protection.

In keeping with our commitment as a single point of contact provider, AXON offers training for your new drilling systems and rig layout to help ensure that you have a safe, effective, and highly capable crew.

Our state-of-the-art simulators and realistic 3D solutions provide all the benefits of actually being on the rig itself. This enables your team to become familiar with a wide range of drilling systems, as well as test the rig layout and equipment set-up prior to commissioning.

SERVICE DETAILS

Project Phases

- Project Management
- Engineering
- Procurement
- Construction
- Assembly
- Functional Acceptance Test
- Load-out and Transportation
- Installation and Engineering Support
- Final Systems Test and Commissioning
- Final Documentation

Management and Engineering Tools

- Planning - Microsoft Project 2010
- Financial - Visibility ERP/Microsoft Project 2010
- Document Control - Network Server Based System
- Engineering - AutoCAD 2D/3D
- Engineering - Inventor 3D/Studio 3D Max
- Weight Control - SACS/StruCad
- Structural Analysis - SACS/StruCad

