

Demand Moore Reliability

NCS Used For Remote Shutdown at Offshore Oil Rig

New government regulations forced ENI Petroleum to establish a direct, real-time link between drill ships at its Devil's Tower oil rig in the Gulf of Mexico and a control room more than 100 km away. The system needed to sound a warning in case of an event such as a "dropped object" on a submerged pipe that might require a shutdown.

The NCS NET Concentrator System[®] providing a method of communicating between the drill ships and the control room utilizing an existing Ethernet network used for VOIP, emails, Internet and other connections on the oil rig. With an Ethernet Interface Module at the ship and oil platform control rooms, the system triggers visual and audio alarms if communications is lost and triggers an automatic shutdown if human operators are not available.

For more information, [download the case study](#) from the Moore Industries website.

