



## PELCO PROTECTS ONE OF WORLD'S LARGEST OIL COMPANIES

*Petróleo Brasileiro S.A., popularly known as Petrobras, is a government-owned Brazilian oil company headquartered in Rio de Janeiro. Founded in 1953, the company produces more than two million barrels of oil equivalent per day and is a major distributor of oil products. It is the 12th largest oil company in the world.* By Denise Duran Ahrens, Crockett International

*In the second half of 2006, Brazil became oil independent, relying on its natural reserves and renewable energy programs. As such, investments in the sector have expanded in order to maintain a steady supply for internal market growth as well as to help pursue an export program to neighboring countries in need of energy.*

*With a daily value of \$35 million USD at stake, it is critical that Petrobras refineries and other operations are fully protected, 24 hours a day, seven days a week. Part of this requires the installation of video security. Petrobras has worked with Telca2000 Engenharia e Telecomunicações in several such projects, which have employed*

*Pelco technologies, including the current installation of ExSite explosionproof video security systems throughout the country.*

*Most recently, Petrobras demanded a video security presence specifically for Platform 25, which is located in the Albacora Field and produces upwards of 115,000 barrels of oil per day. With such a system in place, security personnel can remotely view this critical area, monitor and control unauthorized access, enhance operational safety and improve response time during emergency situations. Moreover, review of video can assist the company as it continuously looks to optimize its operational performance.*



# SECURITY

*The current system at Platform 25 consists of nine Pressurized Spectra dome positioning systems and five CC3770 digital Ultra-High Resolution Day/Night cameras. They are distributed at strategic platform locations, including the Pump Room, Powerhouse, Flare, Sump Caisson, and other locations. Video is transmitted to the security control center through UTP utilizing Pelco converters. At the control center the signals are recorded on a 16-channel DX8100 Series digital video recorder with a DX9200HDDI video mass storage device for storing recorded images. The entire system is managed by a 6800 Series Matrix Switch and KBD300A keyboard. Video is reviewed on 15- and 42-inch LCD monitors.*

*Because of the Telca2000's experience in delivering solutions to highly industrialized areas, as well as specializing in providing high-quality products, it was the natural choice for this installation. Mr. Carlos Torres, manager and partner of Telca2000, comments: "We were chosen because we provided the best technical bid, meeting the technical requirements of quality, expertise and price." 1*

