

EverFocus IP Surveillance Solution Secures Oil and Gas Factories in Oman

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The Petroleum Development Oman (PDO) is the foremost oil and gas exploration and production company in Oman that accounts for more than 70 percent of the country's crude oil production and nearly all of its natural gas supply. PDO operates in a concession area of about 100,000 square kilometers (one-third of Oman's geographical area), has around 130 producing fields and close to 6,000 producing wells.

Now, PDO's oil and gas factories are equipped with over 500 pieces of EverFocus 3-megapixel IP cameras and 50 network video recorders (NVRs) with EverFocus' Genie XMS (central management software).



The oil and gas industry has specific and special needs when it comes to its security and surveillance. Dealing with such a highly volatile environment requires equipment that can stand up to the challenge. Hence, PDO required the following from the surveillance solution that was deployed:

- One brand that can provide a total solution:



According to PDO's experience, when IP cameras, NVRs and CMS from different brands were used in the same system, it took too much time to solve surveillance system problems. This is because the IP camera and NVR or CMS suppliers could not figure out which equipment or software is the real root cause of the issue. However, PDO needed to solve problems immediately. Hence, EverFocus provides total IP surveillance solutions that includes CMS for all of its clients around the world. PDO's factory field-site

- Reduce risks such as terrorism, vandalism and organized crime as well as provide requested vandal-proof cameras:
EverFocus provided vandal-proof (IK10 certificated) IP camera from the EDN series to meet this requirement.

- Equip IP cameras with two-way audio for emergency broadcasting:

EverFocus understands that there is a demand for this type of camera in the market segment; thus, it has developed this technology for customers such as PDO. In this particular project, EDN series IP cameras with built-in microphones and receivers were installed to fulfill this application demand.

- Enable mobile viewing for off-site monitoring:

All of EverFocus' IP product lines support mobile viewing and offers a free application that clients can download for off-site monitoring via their iOS or Android devices. This comes with the company's promise of continued support to develop new versions for iOS and Android systems in the future.

- Provide a clear picture of day-to-day operations:

EverFocus' EDN series IP cameras provide 3-megapixel high resolution pictures for real-time and playback operation, and each NVR supports 8 HDD for storage. Users can record 24 hours surveillance video data for 30 days for management.

- Enable connections to sensors and real-time alarm notice for control centers:

The EDN series features a built-in digital input/output port for sensor connection, and the XMS platform provides timely response for control center operations.