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Synectics Industrial Systems secures Adriatic LNG contract

SHEFFIELD, UK – September 8, 2007 – Page Europa has recruited specialist hazardous area CCTV surveillance manufacturer, Synectics Industrial Systems, to supply a comprehensive Ex CCTV system for the Adriatic LNG terminal, the first offshore concrete LNG terminal in the world. The terminal, due to start production in 2008, will be operated by “Adriatic LNG,” an Italian company, owned by affiliates of Qatar Petroleum, ExxonMobil and Edison, and will secure Italy’s increasing long-term energy.

The Synectics Ex CCTV installation will use the unique COEX FEPC (Flame-proof Environmental Pendant Camera) ‘DROME’. Developed as a simple and cost effective solution for use within difficult monitoring environments, the FEPC DROME camera provides a fully functional integrated system, unitised within a single sealed enclosure. 360-degree pan rotation (with optional ‘continuous’ pan) together with a ‘Hyperbolic’ tilt action and wash/wipe options, provide CCTV system operators with a fast and responsive camera surveillance tool.

At less than 220mm diameter, the DROME’s compact dimensions, combined with 1000 tilt action, enable the camera to be installed where space is at a premium, providing Qatar Petroleum and ExxonMobil with an economical and high performance CCTV system.

Easy to install and simple to maintain, every DROME camera station is factory tested and pre-configured, making it the first “plug and play” packaged CCTV camera system designed specifically for hazardous area applications, saving valuable installation time at the busy LNG Terminal. Supporting the camera, its operator interface provides a practical and powerful solution that maximises operational performance and system control – providing full remote setup, with on-screen menus for programmable camera settings.

Selected parts of the process at the LNG Terminal are covered by COEX Ex thermal imaging cameras. The FECH3 TriMode (Flame-proof Environment Camera Housing) camera station will be used for observation in areas where conventional CCTV cameras may struggle to capture useable images, such as complete darkness, and dense smoke or fog. Equipped with a window allowing spectral transmission from 1 to 14 microns, the FECH 3 TriMode camera station equipped with a state-of-the-art long wave-length infrared camera, which uses the latest microbolometer technology, whilst a vast range of optional fixed lenses are available to allow for maximum scene coverage, wherever the camera is situated.

About Synectic Systems, Inc.

Synectic Systems, Inc. (Synectics), a wholly owned subsidiary of UK-based Quadnetics Group Plc, is an engineering, integration and manufacturing company with expertise in IT and networked systems, CCTV control systems, enterprise DVR and command control software applications. Quadnetics is listed on the Alternative Investment Market (AIM) of the London Stock Exchange.

Synectics’ unparalleled ability to deploy custom digital surveillance solutions that integrate with existing legacy systems and future technologies has established them as a market leader in the Middle East, the UK, Europe and North America.

The COEX FECH3 TriMode camera station has multiple capabilities as it comprises of a colour/mono camera and a microbolometer thermal imager. This camera station was chosen as it provides complete surveillance under any conditions. The colour camera will monitor the required areas during daytime, switching to black/white mode during dusk and the thermal camera will be activated for night-time monitoring.

COEX Crane camera stations were also provided as part of this installation.

The images provided by the specialist CCTV cameras will be transmitted to an onboard control room via an IP system, allowing the cameras to be remotely interrogated at any time via the organisation's existing computer network.

Paul Webb, Managing Director of Synectics Industrial Systems commented: "This extensive project is an excellent illustration of how our varied portfolio of specialist products and extensive industry expertise can be combined to provide customers with a high-performance, effective and economical Ex CCTV installation."