Kaspersky Lab ups the level of industrial cybersecurity at KazMunayTeniz

http://www.kazmunayteniz.kz/en/
KazMunayTeniz is a subsidiary of Kazakhstan’s national oil company KazMunayGas and specializes in the exploration and production of raw hydrocarbons in offshore and coastal areas of the Caspian and Aral Seas.

The company’s main objective is to perform the functions of a contractor in offshore subsurface projects, as well as effective and rational development of oil and gas resources in the Republic of Kazakhstan to ensure their preservation and growth.

KazMunayTeniz’s portfolio includes joint projects with companies such as LUKOIL, Repsol, Rosneft, Shell, and Oman Oil.

**Challenge**

The top priority for KazMunayTeniz when implementing offshore projects is to ensure industrial and environmental safety. All oil-related operations are conducted in strict accordance with Kazakhstan’s labor and environmental protection laws and go hand in hand with measures to minimize and prevent possible emergencies.

KazMunayTeniz is committed to ensuring cybersecurity as well. Protection of industrial facilities is currently one of the most widely discussed topics in Kazakhstan, and for good reason: according to the Kaspersky Lab ICS CERT report, in the second half of 2016 Kazakhstan ranked seventh in the world for the number of industrial computers attacked. In the first half of 2017, 45.9% of industrial automation systems in Kazakhstan were attacked.

“As a country that is still, to a great extent, borrowing advanced IT technologies, including technologies to ensure cybersecurity, Kazakhstan could at any time find itself the subject of an experiment or real attacks by criminal organizations or individuals with unpredictable results for the country’s critical infrastructure,” according to the program of the state cybersecurity project “Cyber shield of Kazakhstan”.

To prevent cyber-incidents and their negative impact on both the environment and business, KazMunayTeniz decided to increase employee awareness in the areas of industrial cybersecurity and the current threat landscape.
KazMunayTeniz employees were the first in Kazakhstan to attend the Industrial Cybersecurity in Practice training program conducted by Kaspersky Lab experts.

“Taking Kaspersky Lab’s training course was a crucial and timely step, considering the current situation surrounding critical infrastructure protection in Kazakhstan,” said Nurlan Kulyshhev, IT specialist at KazMunayTeniz.

Kaspersky Lab conducted a two-day training course from the Kaspersky Industrial CyberSecurity portfolio for KazMunayTeniz employees, with a focus on oil industry specifics. During the sessions, Kaspersky Lab experts described the current threat landscape and the latest methods for combating attacks that target industrial environments.

A demonstration of possible attacks on real controllers, conducted during the course, gave participants a clear insight into the danger of cyber-incidents, as well as the necessary practical advice on how to avoid such situations during the implementation of industrial processes.

During training, the participants received all the necessary skills to draw up their own incident response plan, as well as an understanding of how malware analysis and a simple digital forensics are conducted.

The employees of KazMunayTeniz evaluated the training as “effective, informative and extremely useful.”
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Perspective

Kaspersky Lab’s Industrial Cybersecurity in Practice training course, conducted by the company’s experts, has laid the foundations for a systematic approach to ensuring industrial cybersecurity at KazMunayTeniz.

Tatyana Pyatina, who is responsible for the development of Kaspersky Lab’s business in Kazakhstan, described the training of KazMunayTeniz employees as an example of a successful project in the region’s oil and gas sector and a strong start for the further development of partnership relations.

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Kaspersky Industrial CyberSecurity is a portfolio of technologies and services designed to secure operational technology layers and elements of your organization – including SCADA servers, HMIs, engineering workstations, PLCs, network connections and industrial process – without impacting on operational continuity and the consistency of industrial process. Learn more at www.kaspersky.com/ics