

## EKA Group

EKA Group is a family multi-business organization that formed in 1946, which operates in the building materials and systems markets of the construction sector. The company grows not only in Cyprus but also in Greece, Dubai, and Qatar.

EKA Group's mission is to lead the building materials and systems market by offering innovative and value for money total solutions in Cyprus and in selected overseas markets.



*Figure 1 EKA Group*

## Challenge

Based in Limassol, EKA Group's main Warehouse, located in an industrial area of Limassol, consists of the main warehouse as well as additional covered and uncovered areas in which the supplies and products are stored.



*Figure 2 EKA Group's main warehouse*



The security system that was used to survey the warehouse area was outdated and needed to be replaced, so EKA Group turned to ITO Tech and Private Security Services Ltd to plan and deploy a security solution based on ITO's extensive experience and knowledge.

## **Solution**

Working closely with EKA's personnel, ITO's team designed a solution to meet the company's requirements having in mind safety and security. The implemented solution consists of Dahua Network Cameras that have motorized lenses, support motion detection and advanced analytics.

Because the company's warehouse consists of large multilayer shelves expanding to the ceiling of the warehouse that store products as well as sizeable stacks of materials, it is critical to monitor every corridor as well as every part of the warehouse, to prevent any issues that may arise, while keeping workers safe and the products in excellent condition.

Additionally, motion detection was enabled on a schedule to alert in case of accidental or unauthorised motion inside the property.

Cameras were installed following a plan to survey the main warehouse both indoors and outdoors from every angle.

## **Q & A with EKA Group**

*Q: What was the initial problem?*

A: The system was very old / analogue and we also had very few cameras, so, the warehouse was not covered in all its areas.

*Q: What were the reasons that led you to choose ITOLGY and its suggested solution?*

A: ITOLGY was the company that made the best offer with the cameras we had in mind to buy, and they worked together perfectly, proposing the best locations for the final cameras' installation.

*Q: What was your experience in working with ITOLGY?*

A: Our experience with ITOLOGY was very good. Its personnel were cooperative and very helpful.

*Q: How has the ITOLOGY solution improved your work?*

A: Now we can easily monitor everything clearly, whenever it needed, and from any place, with the help of the DMSS application and the online platform.

*Q: Where were the cameras placed and for what reason?*

A: The cameras were placed in all corridors, especially in the outdoor areas and at the entrances for more protection and control to avoid any accidents.

### **Solution Implementation**

As a solution to EKA's problem, ITOLOGY utilized Dahua Network cameras (Fig.3), which were installed indoors and outdoors (Fig.4), based on the security plan that was agreed on by the expert individuals from both companies.



*Figure 3 Dahua Network Camera*



*Figure 4 EKA's warehouse satellite view. Cameras installation areas.*

In the pictures exhibited below we can see some of the camera placements highlighted in red circles (Fig.5, Fig.6).



*Figure 5 DAHUA Network Camera, indoors, facing entrances, shelves, and corridors*



*Figure 6 DAHUA Network Cameras, outdoors, facing entrances and corridors*

## **Result**

Following ITO's security solution integration, EKA's warehouse is now surveyed from multiple angles on a 24-hour basis.

## **ITOLOGY Tech and Private Security Services Ltd**

AG ITOLOGY TECH AND PRIVATE SECURITY SERVICES LTD (ITO) specializes in security systems (such as CCTV, alarm systems, access control systems, fire protection systems and more) in Cyprus and Europe, home, and office automation (such as lightning, blinds, air control, room temperature, audio and more), and with projects that involve electrical works. The company's certified electricians can perform all kinds of tasks involving power sockets, cables, structure cabling, and other general electrical services.