

OVERVIEW:

Due to the pandemic and Delta cases in Israel, the first hospital in Israel for treating coronavirus patients was established. The hospital needed to offer more beds and create more special wards for the infected patients. The head of the hospital requested for an advanced system that could monitor patients on-site or remotely to protect the doctors and nurses from cross-infection in the hospital.

CHALLENGES:

- **Lack of devices for contactless communication:** The hospital did not have enough equipment to realize non-contact communication between staff and patients, which could have increased the risk of cross infection.
- **Insufficient remote surveillance:** The hospital needed to build larger wards for infected patients, which a 24/7 monitoring system must cover. Installing the right cameras for such a large space could be very challenging.

HIGHLIGHTS:

- **Video intercom solution:** The patient's bed is equipped with Dahua's VTO. Once an emergency occurs, the patient can directly call the VTS management device at the nurse's station through the VTO. At the same time, through the real-time preview function of VTO, the staff in the nurse station can remotely monitor the patient's condition and communicate with the patient in real-time to provide necessary care.
- **Monitoring & management system:** Through Dahua's DSS management platform, the entire CCTV monitoring system and video intercom system in the hospital can be unified and managed. For the hospital managers, it not only improves the efficiency of monitoring and management, but also provides additional security for hospital workers to a great extent!

SIGNIFICANCE

- Dahua provided the hospital with video intercom products and Dahua professional CCTV devices that greatly helped them prevent direct contact with patients to reduce cross-infection inside their premises.
- With the help of Dahua's solution, the hospital was able to centralize all their surveillance systems for easy management.

