



NOI TECHNOLOGIES

THE FUTURE IS HERE...

ZKR

SMART HAND SANITIZER

- According to the WHO Guidelines on Hand Hygiene in Healthcare, recent studies conducted in Europe report prevalence rates of patients affected by HCAI (Health Care Associated Infections) range from 4.6% to 9.3%. Approximately 5 million HCAs are estimated to occur in acute care hospitals in Europe annually, representing around 25 million extra days of hospital stay. HCAI contributes to death in at least 2.7% of cases (135 000 deaths per year). In less developed countries HCAI prevalence rates range from 15% to over 30% among hospital patients.

CARE

- ZSmart Hand Sanitizer removes human error from this equation by ensuring all staff follow proper hand hygiene protocol. Your patients are safer in our hands.



OVERVIEW

Interactive LCD Screen

Smart Sensor

Built-in Wifi

Built-in RFID reader

Built-in BLE Beacon

Hand Detection Sensor

Wall & Floor Protection



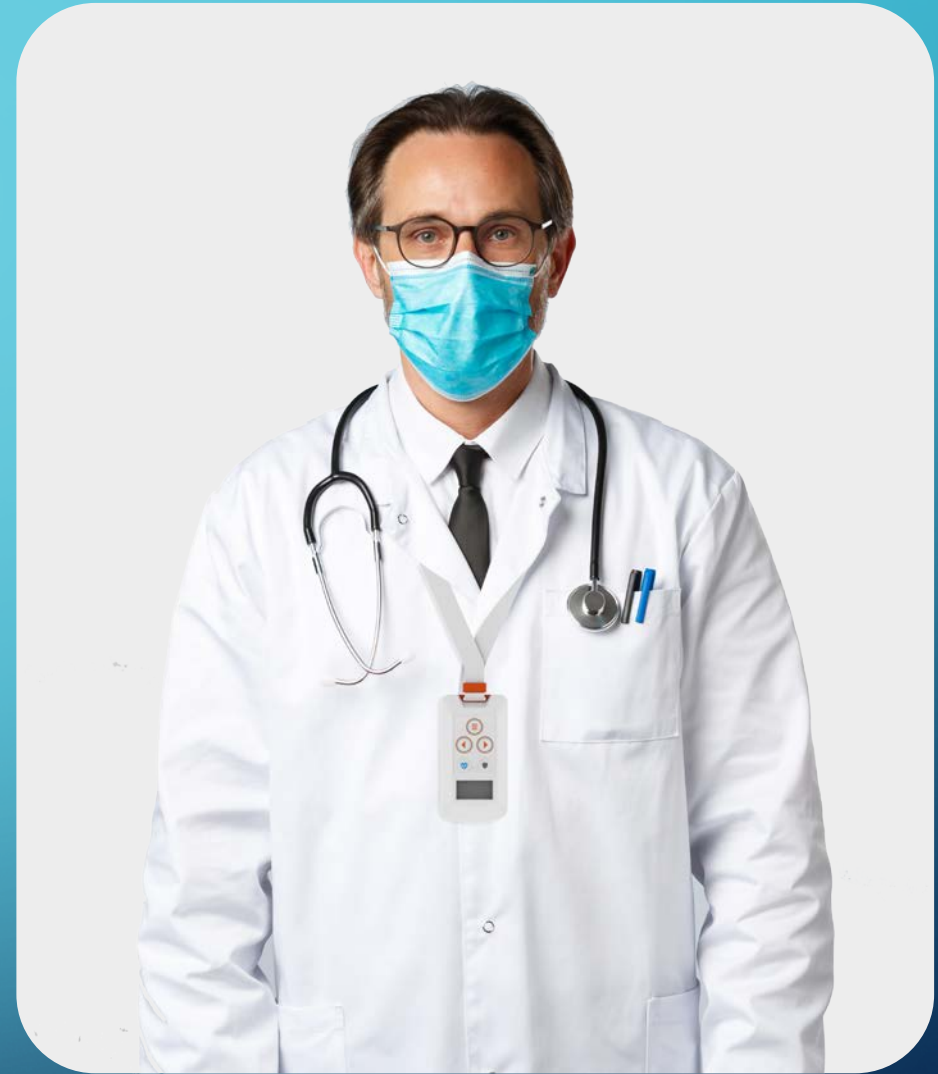
EASY STATUS INFORMATION AND LOGS

- Through WiFi, it can provide detailed logs of its online status
- How much liquid sanitizer it contains
- Usage statistics such as how often each personnel uses the device.
- It features an RFID card reader and a BLE beacon to associate usage with personnel ID.



AUTOMATIC DETECTION

- Entries and exits by user personnel who have active Zpass BLE badge will automatically be logged along with ID data.



NOT JUST HYGIENE

- Can fulfill the function of a Control and Security Point with Optional Modules



ARTIFICIAL INTELLIGENCE- AI

- With integrated Artificial Intelligence, the Zsmart Hand Sanitizer can help you perform automatic security Checks



FACE - OBJECT RECOGNITION

- With integrated Artificial Intelligence solutions, you can provide Face Recognition, Mask Control or any other Object Control with the Optional Camera Module.
- Can also be integrated with automatic door locks and other systems to automatically open/close based on any criteria.



GET ALERTS

- It can automatically take photos and alert you of any movements that are compatible and incompatible with your specifications.
- When it detects motion outside of the specified hours, it can automatically notify you or activate a security scenario.



MIFARE CARD READER

- Mifare cards can be used in the system for ID checks.
- This can work together with Face Recognition, to verify that the person and their card match.



FORWARD YOUR MESSAGE

- Speech or text messages can be saved on the system to automatically play for the correct person the next time they use a ZSmart Hand Sanitizer on the system.

Hello Mr. John, your guest is waiting for you in the 1st meeting room.



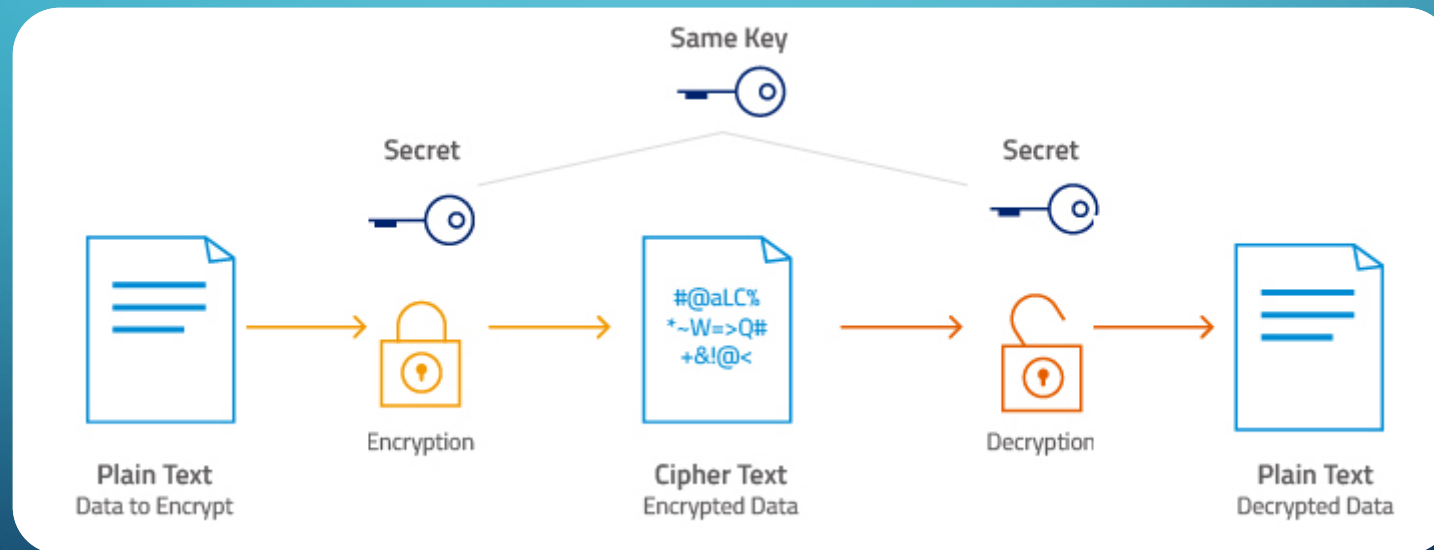
SPEAK FOR HELP

- An optional module allows the device to double as a voiced emergency call system.



DATA SECURITY

- All data transferred between the Sanitizer Terminal and the server is AES or RSA 256-bit encrypted.
- The system is Linux-based with a built-in firewall.
- No data is stored on the Sanitizer Terminal. All configuration parameters are encrypted.
- The system can trigger automatic alerts and stop data transfer if it detects any abnormalities in data formatting.



THANK YOU...

- Presenter : ZKR SYSTEMS
- Email : info@zkr.systems
- Web-site : www.zkr.systems

