

# "Access Control System for the Hospital in Panama"

**■ Location :**

SAN FERNANDO HOSPITAL – Panama

**■ Products Used :**

ITDC Control Panel

FGR006 Biometric Reader

RF20 PSK Format Card Reader

RFK101 PSK Format Card&PIN Reader

STARWATCH ITDC PRO S/W

**■ Application :**

Access Control System for member, patient and visitor.

**FGR006**

- 125KHz Biometric Reader
- PSK [IDC] Modulation
- Read range: Up to 4 inch (10cm)
- Verification Time: less than 1sec
- Fingerprint User: Up to 4,000

## The SAN FERNANDO HOSPITAL

SAN FERNANDO HOSPITAL is the private hospital in the republic of Panama which has over 60 years experience of supplying medical service such as MRI, specialized clinical laboratory, blood bank and cancer diagnostic center etc.

## Project Requirement

SAN FERNANDO HOSPITAL has 830 staffs including doctors, technicians, nurses, nursing technicians, administrators, accounts, engineers and support staff. So it becomes necessary for people to have different access levels for each doors to supervise and manage patients and staffs movement safely not only facility and drugs control.

To ensure a safe environment, visitors and unauthorized personnel should not be allowed in some certain places in the hospital. In addition, they required a legitimate security solution to protect high priced equipments such as medical devices, surgical instruments and healthcare facilities.

## The Solution

The Access Level of each personnel group such as administration personnel and medical personnel should be differentiated .

FGR006 is installed in specialized care areas such as operating rooms, intensive care rooms and clinical laboratory. It enables all medical personnel to be access granted by fingerprint and RFID card(IDC80). By setting of anti-passback function, tailgating of the unauthorized user is prohibited.



## RKF101

- 125KHz Proximity Reader
- PSK [IDC] Modulation
- Read range: Up to 4 inch (10cm)
- Tamper Switch
- Supervisory Signal Transmission for Device Operation Status Check



## RF20

- 125KHz Proximity Reader
- PSK [IDC] Modulation
- Read range: Up to 4 inch (10cm)
- Supervisory Signal Transmission for Device Operation Status Check



## iTDC

- 4 doors Access Control Panel
- Compatible with alarm, video surveillance, BAS and BMS
- Watchdog Function

This solution also enables only medical personnel to stay in care areas so that this care area is strictly controlled and administrated and patient get better treatment in more comfortable environment.

RFK101 has been installed in places designed for administration personnel. All RF20 proximity readers are installed in public facilities for both medical personnel and administration personnel. It allows access for authorized members only.

ITDC PRO II software allows the administrators to monitor all events in real time.

## After Successful Implementation

According to SAN FERNANDO HOSPITAL, The access control by employee (medical staff, administrative staff, patient etc) is managed seamlessly and they are controlling specific area safely and efficiently by making people pass all the Health Security Entities Certification.

With IDTECK's access control system, employees be able to be more focused on taking care of patient in comfortable and secured environment, and patient be able to get the better care and services.