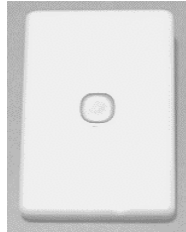


Emtech Access Control Systems'

Staff Location Tracking and Duress Alarm System



**Duress
Pendent**



**Indoor Intelligent
Reader**



**Intelligent
Controller**



**TotalTrack
Software**

The Emtech Access Control Systems' Staff Location Tracking and Duress Alarm system offers the latest in Infrared Transponder (ID Duress Pendants) and Receiver (Reader) Technology. The use of Infrared Technology provides a low cost solution while delivering many benefits over traditional RF technology. The one system provides Access Control, Staff Tracking and Duress Alarm. The use of Random Encryption Technology provides an extremely secure and robust level of reliability.

Features:

- Access Control, Staff Location monitoring and recording and Duress Alarm integrated in one system.
- Easy installation by use of standards electrical plates styled receivers and/ or miniature camera styled Infrared Receivers (Readers).
- In-built Tamper Alarm inside Infrared Receivers.
- Individually lost Duress Pendants or ID Tags can be disabled quickly without effecting any other pendants/Tags.
- The use of Infrared Random Encryption Technology provides an excellent solution for applications such as Hospitals where equipment must be free from any RF transmissions.
- System is scalable up to many readers and interface to Access Control Systems and alarm Systems.
- System can include audit log including date and time of each access and nominated location points.
- Active location monitoring of Duress Pendants provides a means to trigger an alarm should the Duress Pendant become "invisible" for too long.
- Exit and entry to building and secure areas can be controlled through independent Receivers.
- Pendant testing facility and test log reports for system maintenance programs.

Ideal For:

- Hospitals
- Nursing Homes
- Detention Centers

System Description:

The Duress Pendant, whenever in range of the Infrared Receiver, transmits unique ID number. Each of the Infrared Reader has a unique ID that is associated with its locations. All the records of "seen" Duress Pendants are logged against the specific locations. This process happening continuously and creates an audit log.

When the Duress Alarm button is pressed on the Duress Pendant the level of transmission is increased and an alarm status is transmitted along with the unique ID. Any of the Infrared Receivers that detect the alarm will active the Duress Alarm process and indicate the location of the duress alarm.

Specification:

Infrared Duress Pendants –

- Self Contained up to 10 Metres Range
- Infrared secure algorithm (RET) ID Transmission
- Virtually Un-limited Unique ID numbers available

Infrared Receiver Unit (Reader) –

- Camera style Infrared Receiver (outdoor use)
- Clipsal 2000 plate style Infrared Receiver (indoor use)
- Power and communications from Controller Module.
- Tamper alarm output

Controller/ Software -

- Receivers interface to one of more controllers
- PC software for configuration, audit reports, maintenance reports, etc.