



Estate Management Control System

Residential Gate Access Control System Guideline.

The suggested system for the effective and efficient control of the following peoples to the Security Estate. These rules can be changed at any time and is by no means fixed in any way. Any suggestions are welcome and appreciated.

1. Residents
2. Visitors
3. Contractors, workers, domestics

Residents

Cell Phone/ Finger Print

- The residents relevant details and finger prints are captured on the Dial Tech system after phoning the utility verification number, a digital photo of the resident must be added as a measure of security. (Recommended)
- A cell number is displayed on the access boom. The resident will gain access to the estate by using his cell phone and call the number on the boom or his finger prints. The system will verify the resident's access rights display the resident's photo and details on the guards computer and the boom opens.
This all happens in a split second. No call charges to the cell number are in any way applicable.
- A Photo and finger print image will be taken of the visitor on entry and stored in the database
- The function of the guard opening the gate will be taken away completely. A Supervisor must be identified for opening the gates by using his finger print and the reason will be recorded on the system.

Visitors

- The resident will have the option of defining his regular visitors on the system.
- This can be done in a two ways. The resident can log in on the DialTech server through the web and add the visitors. The Resident can send a standard SMS to the system with the visitors details.
- Pre authorised visitors will use their cell phones to phone the number on the visitors access boom to gain access to the estate. A SMS can be send to the resident from the system to notify the resident of the visitor.
- A visiting log will be generated for every visit for statistical and forensic record keeping purposes.
- A Photo and finger print image will be taken of the visitor on entry and stored in the database
- The resident will have access to the Dial Tech server via the internet to perform functions like adding, deleting, and changing information regarding the visitors. Internet access requires the Dial Tech system to have its own server and gateway. Residents can also SMS the visitors details to the system prior to arrival to gain access.
- Visitors that are not loaded on the system or unexpected arrivals will go to the visitors access boom and contact the resident for access. This will ensure that the visitor makes prior arrangements with the resident before visiting.
- These visitors will be given access by the resident through contacting the access gate via his cell.



- Sms messages to residents of arriving visitors optional on access.

Contractors, Workers and Domestic

- Their relevant details and finger prints are captured on the Dial Tech system after giving positive Identification. A digital photo must be added as a measure of security.
(Recommended)
- They will use the turnstiles at the relevant gates to gain entry and exit to the estate. A photo is taken on entry and exit.
- The function of the guard overriding the turnstile will be taken away completely.
- All relevant information regarding the above is accessible anytime by authorised personal.
- A Photo and finger print image will be taken of the above on entry and exit and stored in the database

The Cell Panic System

How does the Dial Tech cell panic service work?

All the client need is a cell phone with the CLI (Caller Line Identity) enabled. The Telkom phone can also be used.

The cell phones number, name addresses of the clients are captured on a web-enabled database on registering the first time for resident and visitor gate access.

A maximum of four numbers can be added.

In case of any emergency the supplied panic number is called from the user's cell phone or Telkom phone.

This number should be programmed on one of the speed dials for easy access. This number is never charged for and no talking is necessary. The database receives the call and identifies the user.

At this point a number of things happen in a split second.

The virtual Internet control room at the guard house access computer gets the panic with all the necessary details regarding the user. A SMS message can be send to the response vehicle in the area with the users name and address. This cuts down the response time considerably. A fax and SMS can be sending to an offsite response company's control room.

A SMS is optionally sent to family members, neighbours or friends to let them know there's an emergency situation.

All emergency calls made from the identified cell phone are logged in the web-enabled database and every user has access to these logs via the Internet.

All the above mentioned is monitored from the guardhouse.



GPS Guard monitoring.

1. The GPS guard monitoring is part of the Dial Tech Security system. Its function is to facilitate monitoring the activity of patrols on residential sites.
2. One of the principle aims of the GPS guard monitoring approach is low cost and reliability. On site the only pieces of equipment necessary is the GPS modules.
3. There are no radios transmitters/repeaters required or download points. There are no batons, nor are there clocking points that require a card or token. In fact there are no pieces of equipment that require physical contact, which gives the system its reliability.
4. While the GPS guard monitoring is targeted at the guarding industry, it has application in other areas
5. The relevant Gaps points are captured around the estate. The route and times the guard must be at these points are configured on the DialTech system. If the guard is at the point on the given time the system will wait for the next point. If the guard is not at the point when it is required, an exception is reported to the Control Room and/or the supervisor.