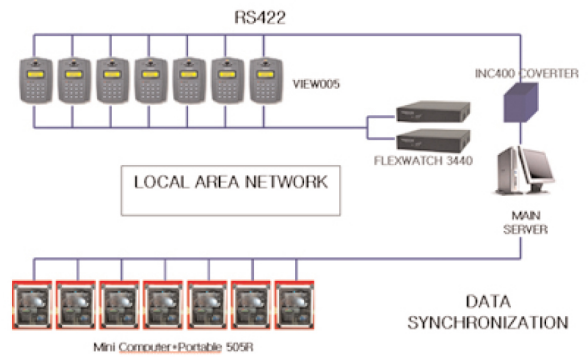


Efficient Employee Management Solutions for Security & T/A for construction sites



* **Installation Site** : Complex thermoelectric powerplant in Afam, Nigeria

* **Product(Qty)** : Star 505R Portable(7ea), View 005(7ea)

- **Star 505R Portable**

: Standalone Controller armed with battery and RS232 cable inside of 505R (RS232 Cable for connecting with a laptop)

- **View 005** : Facial Time & Attendance Controller

Project Requirement >>

: Since the abduction of workers by armed terrorists at the construction site in May 2007, the need for better security has been increasing. At construction site, the company needed not only a high level of security but also the dependable and accurate measurement of workers time and attendance.

- 1) Due to previous inconsistencies concerning inaccurate working time, companies need to be able to accurately record time and attendance.
- 2) A fast, effective system to register 2,000 workers for checking and recording their attendance.
- 3) For internal security, workers must be identified individually by the stand photo.
- 4) In the case of lost identity cards needed for plant access, a program was required that could take pictures of users and record them.

Solutions >>

: IDTECK has Provided View 005 to check, save their personal photo and Star 505R portable to manage the time and attendance for workers in construction sites.

- 1) For faster but also accurate process to access IDTECK proposed to have 7 Star 505R portables attached to a portable mini computer. Especially when they clock out, the picture and ID will be checked with the date on the computer.
- 2) Because of connection with the laptop, The ID data is able to be sent and checked in real time. Also the data is recorded in the main computer.
- 3) For any change in the number of workers, IDTECK added the function of updating all the data with the main computer.

Case Study >>

Daewoo, a large South Korean company is currently involved in construction of a complex thermoelectric power plant in Afam, Nigeria They have been building the plant since 2006 with over 2,000 workers at the site. Recently they have been facing some major problems which needed to be fixed. Since the abduction of workers by armed terrorists at the construction site in May 2007, the need for better security has been increasing as a major issue. Because of the number of workers it was hard to manage the access program at same time. In the mornings the workers rushed into the one entrance to clock in, while in the evenings some workers were even waiting in a line to clock out and leave the factory.

The company was facing problems figuring out what time the workers started or finished working.

IDTECK suggested to set up 7 View005s in different spots so that the workers can be allocated different entrances to clock in making line ups a thing of the past. Further more when they clock in, each workers facial picture would be captured and sent to the main server for security and identification. It helped the workers to automatically line up to gain the entry. In the evenings 7 portable 505Rs and mini computers are handed to team managers to make sure each employees clock out times are registered correctly.

Finally mini computers are connected to the main server, to send clock out data. Also due to the ever changing number of workers IDTECK added the function of updating all the data using the main computer.

This solution could be highly recommended for sites which need mobility and high security while handling a large number of employees.