



Ministry of Finance, Nigeria

The Ministry of Finance, Nigeria oversees various financial and economic affairs of the federal government of Nigeria including managing, controlling, and monitoring all federal revenues and expenditures.

To provide high end security to this prestigious site, CEM's AC2000 access control was selected and installed by CEM Approved Resellers Acti-Tech Ltd.

CASE SUMMARY

Location:

Nigeria

Systems Installed:

AC2000 access control and security management system

AC2000 VIPPS (Visual Imaging Pass Production System)

Hardware Installed:

CEM S610f fingerprint card readers

CEM EtherProx reader

CEM DIU 230 (Door Interface Unit)

Introduction

AC2000 offers the Ministry of Finance a fully integrated and comprehensive access control, alarms processing, and photo ID badging system. The system comes with a suite of applications including AC2000 VIPPS (Visual Imaging and Pass Production System) which the Ministry of Finance found particularly beneficial.

AC2000 VIPPS allows the Ministry of Finance to design their own ID badges and issue over 1500 permanent and temporary ID cards to staff and visitors.

Solution

CEM IP card readers

A range of advanced CEM IP card readers were installed throughout the building, including the CEM S610f fingerprint card reader.

The S610f fingerprint reader offers increased security by providing three levels of identity checks – ID card authentication, PIN check and fingerprint verification. The reader allows the Ministry of Finance the opportunity to add an additional layer of biometric security where necessary.



Featuring a controller, card reader and fingerprint solution in one device, the S610f is a fully integrated biometric and access control reader that is used as part of the AC2000 system. Fingerprint templates are captured on the AC2000 enrolment station at the same time as a cardholder's personnel details and images are captured and are then saved to the AC2000 server.

Cards can then be issued and biometric templates distributed via the access control network, eliminating the need for an additional biometric network and software enrolment process. The S610f offers advanced features such as an LCD to display user messages such as 'Access Granted', 'Card Expiring', and 'Wrong TimeZone'. S610f also uniquely features an internal database enabling intelligent decision making at doors at all times; even when communication has been temporarily lost with the host system.

CEM Power over Ethernet solution

"Utilising CEM's advanced range of hardware, the Ministry of Finance also chose CEM's Power over Ethernet Plus solution, the first of its kind in the industry" said Andrew Fulton, Business Development Director, CEM Systems. The CEM DIU 230 (Power over Ethernet Plus Door Interface Unit) eliminates the need for both a main connection and a local power supply to the door. Utilising Ethernet infrastructure throughout the Ministry of Finance, the DIU 230 supplies sufficient power via the same Cat 5e/6 cable that powers CEM card readers, as well as reliably powers double magnetic locks that secure the doors.

"CEM Systems offered great support throughout the project and provided an excellent solution to secure the Ministry of Finance. The fully integrated solution will allow the premises to run effectively and efficiently with the highest of security measures".

Peter Madu

Managing Director

Acti-Tech

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