# Abu Dhabi Investment Council

**Abu Dhabi Investment Council is an investment arm of the Government of Abu Dhabi. "The Council" is responsible for investing part of the government's surplus financial resources through a globally diversified investment strategy.**

**CEM AC2000 access control was selected to secure The Council's new headquarters at Al Bahar Towers. The system was installed by CEM Approved Reseller, Tyco Fire & Security UAE LLC, as part of their security solution which comprises of Access Control, CCTV, Intercom, Perimeter and Physical Security.**

CEM AC2000 offers a highly secure access control solution with high redundancy and a full complement of integrations supported by industry leading CEM hardware. The system can be highly customised when required to meet the specific needs of a site.

## CASE SUMMARY

**Location:**
Abu Dhabi, U.A.E.

**Systems Installed:**
AC2000 access control
AC2000 AED (Alarm Event Display)
AC2000 VIPPS (Visual Imaging and Pass Production System)
AC2000 Failover
Custom 'VIP' lift interface

**Hardware Installed:**
S9032 Lift Controllers
S610 readers
DCM 300

## Introduction

The Council had a requirement for a security solution with high levels of redundancy, integrated lift control and intelligent edge devices.

*"CEM's AC2000 proved the best solution for The Council because it is a feature rich system with the flexibility to be tailored and integrated to third party systems to meet the client's requirements".*

*Craig Menzies*
*Tyco Fire & Security UAE LLC*

## Solution

**Integrated Solution**

Reaching beyond access control, AC2000 provides The Council with a host of features which can be used to enhance operations and eliminate the need for multiple systems.

The system at Al Bahar Towers utilises the powerful AC2000 AED (Alarm Event Display) which provides a real time graphical representation of events and alarms occurring throughout the system. AC2000 AED provides a single user-friendly interface from which operators can acknowledge and cancel alarms, record comments on system activity, report on alarms and more.

The Council also opted for integrated ID Badging using AC2000 VIPPS (Visual Imaging & Pass Production System). AC2000 VIPPS allows Council administrators to produce professional quality permanent and temporary ID passes. Images can also be exported from AC2000 VIPPS to external systems such as HR systems

**High Redundancy**

The Council required the highest levels of system redundancy, with the assurance that the access control system would not fail, even if the main server fails. AC2000 Failover has been used at Al Bahar Towers to create and maintain a copy of the main AC2000 server. In the event that the main server fails, the AC2000 Failover server will immediately take over until such times as the main server is restored, meaning that the access control system can continue to operate as normal.

**Custom 'VIP' Lift Interface**

CEM developed a custom lift control interface for the Council allowing identification and special access for VIP users requesting lift call. Lift cars are then assigned to VIPs on a priority basis.

**Industry Leading Hardware**

AC2000 is supported at Al Bahar Towers by CEM's industry leading hardware. The installation utilises the S610s card reader which offers intelligence at the door with an offline database for card validation even when communication with the host server is temporarily unavailable.

The S610s offers an excellent user experience with an LCD providing information on card swipes, such as CARD EXPIRING and ACCESS GRANTED. The keypad on the reader also provides the possibility of dual layer validation using card and PIN.

CEM's DCM 300 Door Control Module was also deployed at the site, allowing 3rd party readers to be interfaced to AC2000.

*"Abu Dhabi Investment Council at Al Bahar Towers represents another prestigious win for CEM in the Middle East. CEM AC2000 is being used as the preferred security system for many large scale infrastructure and government projects throughout the Middle East where security is paramount."*

*Philip Verner*
*Regional Sales Director*
*EMEA, CEM Systems*

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