

Supply and Installation of CCTV Works at the Agriculture, Fisheries & Food Authority (AFFA) Headquarters



The new office block at AFFA Headquarters

Project Status: Delivery & Installation complete, commissioning Of Building pending

Project Value: 3 Million Kshs.

The Agriculture, Fisheries & Food Authority AFFA Kenya Project:

AFFA (formerly The Kenya Tea Board) is a State Authority with a core mandate of promoting and regulating the production, processing and marketing of agricultural and aquatic products. The Authority planned to set up a value addition facility for utilization by the Industry stakeholders among other plans to initiate and support excellent service and to achieve its mandate.

One of these establishments was a new office block at the AFFA Headquarters in Nairobi to cater for both the local and regional stakeholders. The building required a credible security and surveillance system to ensure safety of the facility and the processes involved. Soulco Kenya was brought on board to offer this solution.

Solution Description

Our solution was designed to include a variety of cameras with different specifications and capabilities that capture pictures from various strategic positions both outside and within the floors of the building to meet security and supervisory purposes.

❖ CAMERAS :

Internal Use

28 units of Dome cameras C/W were installed for internal surveillance.

These are day and night cameras with ability to show pictures under light as low as 0.01lux

They are also colour fixed domes with an inbuilt auto iris and varifocal lens of 3.5-8mm and a minimum of 450TVL with a power unit of 12VDC

The cameras also have an inbuilt microphone which is linked with a digital multiplexing recorder



Internal Cameras Installed at strategic parts of AFFA Building

External Use

A total of 7 units were installed for external surveillance.

The cameras are colour fixed dome type with ability to withstand all weather conditions.

Inbuilt auto iris and varifocal lens of 3.5-8mm and of 6mm-60mm.

Minimum of 450TVL with a power unit of 12VDC.



PTZ External cameras in use at the AFFA



External Cameras covering the parking area at AFFA

❖ MONITORS & DIGITAL MULTIPLEXING RECORDERS :

These are the control equipment for the cameras which include;

-21" High Resolution CCTV Colour monitor complete with Control Joystick Networking Keyboard

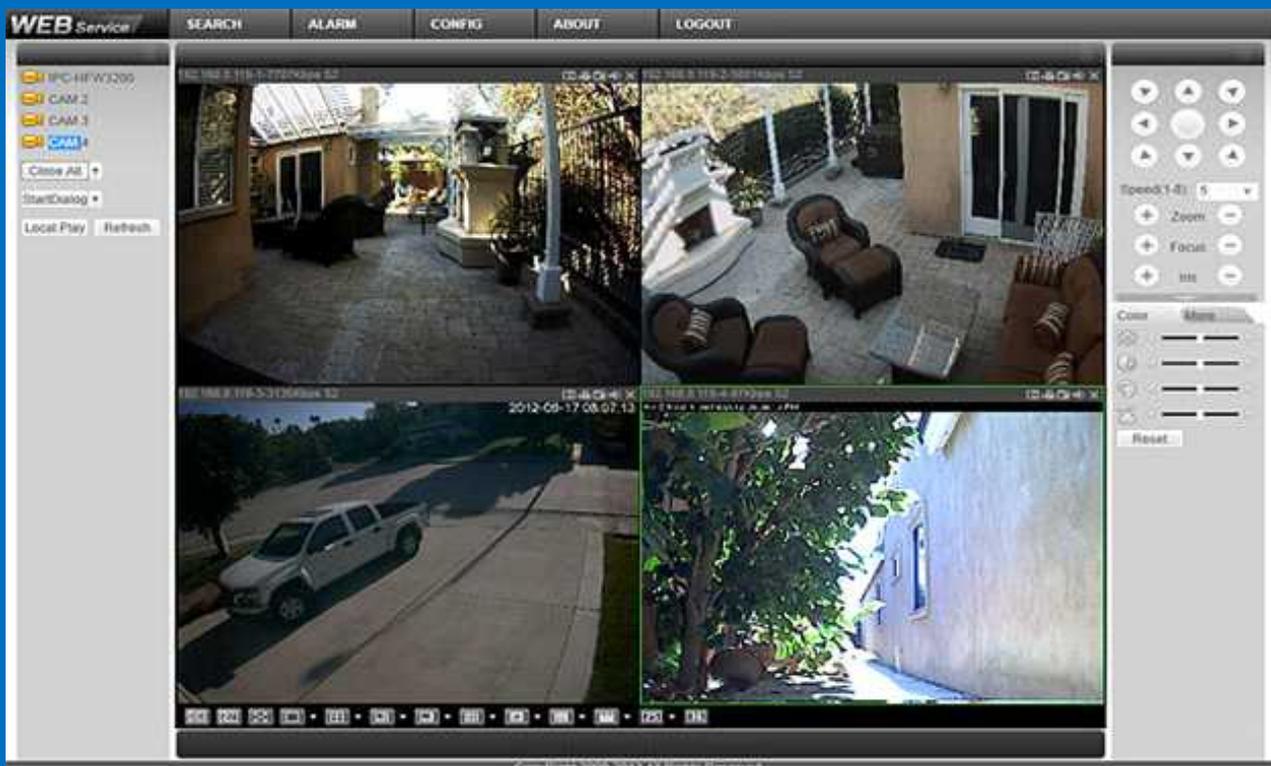
-32 channels 500GB stand alone Digital multiplexing Recorder (DVR) equipped with; an alarm triggered camera function, multiscreen playback, activity log, smart search and video analysis tool

-10 channels stand alone Digital multiplexing Recorder C/W 320GB

The digital multiplexing recorders have the ability to be networked together and controlled by two or more remote keyboards. They also have a software-controlled contrast and colour-adjust for each camera and can conduct simultaneous recording whilst playing back the images.



16 Channel DVR



The monitors show a partitioned screen capturing various crucial zones of the building. The choice of zones can be selected from the panel of cameras listed on the side.

❖ Training

Soulco Kenya has scheduled a technological transfer for the operational staff in charge of security at the AFFA complex once the building is commissioned. The training will cover; camera specifications and proper operation, connection to other security systems and basic troubleshooting in the event of an error.

❖ Support & Maintenance

On commissioning, Soulco Kenya will be in charge of a maintenance process that will ensure the equipment installed is in good condition at all times and is functioning effectively.

This will involve the following as per the agreement;

- *Regular checks on the state of the cameras and their environment.*
- *Advising client on required adjustments, modifications or upgrade changes.*
- *Provision of spare parts and replacing faults as per the agreement.*

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