

AN INTRODUCTION TO CCTV

Warehouse Technology Group, Manchester
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www.touchstar-atc.com

SPECIALISTS IN REAL-TIME DATA CAPTURE & MOBILE COMPUTING SOLUTIONS

- GROUP SPECIALISTS IN CONNECTIVITY
- MOBILITY SOLUTIONS FOR WAREHOUSE, ROAD, RAIL AND AIR
- 30 YEAR HISTORY IN POD AND POS
- OVER £1M IN DEVELOPMENT ANNUALLY



FUEL



ON-BOARD RETAIL



WAREHOUSE



ACCESS | TIME | CCTV



PROOF OF DELIVERY

IN THIS PRESENTATION WE WILL COVER:

● TECHNOLOGY

A brief explanation of the hardware & software involved.

● ISSUES & INTEGRATION

What to look for when specifying a CCTV system / selecting a supplier.

Can CCTV be linked to wider security systems?

● APPLICATION & OUTCOMES

Aston University Case Study.



TECHNOLOGY

- FROM A STATIC INTERNAL CAMERA TO A FULLY FUNCTIONAL THERMAL ANALYTICAL CAMERA
- THERE IS A CAMERA FOR EVERY CIRCUMSTANCE
- STATICS FOR LOCATIONS IN NEED OF 24/7 RECORDING
- PTZ'S FOR THE LARGER ACTIVE AREA FOR SEARCH AND FOLLOW
- ANALYTICS FOR AUTOMATED FLAGS OF EVENTS



KEY FEATURES

- INSTANT PLAYBACK OPTIONS
- ROUND THE CLOCK MONITORING OF REMOTE SITES
- ZOOM FUNCTIONS TO FOCUS IN ON SUSPICIOUS ACTIVITY
- SIMULTANEOUS MULTIPLE VIEWS
- UNINTERRUPTED TRANSMISSION TO MONITORING CENTRES REGARDLESS OF DISTANCE, WEATHER OR ENVIRONMENT



ISSUES & INTEGRATION

- CCTV DOES NOT PREVENT ANYTHING FROM HAPPENING – IT MERELY RECORDS, AND CAN FLAG, LIVE ISSUES TAKING PLACE
- INTEGRATION CAN BE A PERSON REVIEWING THE FOOTAGE TO SEND ALERTS FOR ACTION
- AN AUTOMATED FLAG OUTPUT TO FLASH A VISUAL KEY OR AN AUDIBLE SOUND TO ALERT AN OFFENDING PARTY
- OR IT CAN BE USED TO REVIEW WHAT HAPPENED AS AND WHEN



● ASTON UNIVERSITY CASE STUDY

The Environment:

- City Centre
- Multiple, intricate buildings
- Home to 9,500 students
- Mixed and shared accommodation
- Large expanses of outdoor space



● ASTON UNIVERSITY CASE STUDY

The Objective:

- Making use of the improved Networked and Wireless Broadband
- Improving and upscaling to ensure complete coverage in full high definition
- Complete surveillance for the safe guarding of students
- To protect the campus and the students



● ASTON UNIVERSITY CASE STUDY

The Outcome:

- The utilization of what was previously installed – enhanced and serviced
- Addition of the latest technology to increase coverage by 25%
- Simple and easy to use
- Remote monitoring from a desktop or remotely via iPhone or an Android device

