

DEVELOPING A BESPOKE CCTV SOLUTION TO PREVENT FLY-TIPPING

THE WAKEFIELD EXPERIENCE

OBJECTIVE



fly-tipping and anti-social behaviour throughout Wakefield were becoming a concern to our district. Not only were they damaging the environment and posing a threat to both residents and wildlife, they were also costing the taxpayer.

Poor surveillance was allowing people to dump their waste illegally - instead of using an alternative method such as kerbside collection. It was also allowing anti-social behaviour throughout the district to go undetected.

Our goal was therefore to develop an overt rapid deployable CCTV camera - in collaboration with Mytec, our CCTV maintenance supplier.

ASSESSING THE SCALE OF THE PROBLEM

RESOURCES

1

In 2019-2020 Wakefield Council received 2,626 reports of fly-tipping.

2

45% of calls received directly to the Enforcement team were regarding fly-tipping.

3

x6 Enforcement Officers attending on average 50 jobs per week meaning resources were over-stretched.

ASSESSING THE SCALE OF THE PROBLEM

LOGISTICS

1

Jobs are geographically allocated - 21 ward areas

2

Rural aspect of the district - could be 14 miles from one job to another . This also makes it impossible for proactive work

3

Only 24 hours to collect evidence

ASSESSING THE SCALE OF THE PROBLEM

FINANCIAL



Reports were generating 1071 tonnes of fly-tipping per year. This was costing in excess of 200k.

ASSESSING THE SCALE OF THE PROBLEM

CONFIDENCE

1

Hard to keep on top of calls when they are at such volume.

2

No proactive work undertaken.

3

Staff and residents disillusioned with the results.

DEVELOPING AN INNOVATIVE CCTV SOLUTION

- An existing re-deployable solution provided by previous contractor
- Request for Mytec to relocate the camera we had
- Mytec refused that the camera wasn't fit for purpose
- Poor image quality, no alerts. Time consuming and costly to get mains power installed

BACK TO THE DRAWING BOARD



DEVELOPING AN INNOVATIVE CCTV SOLUTION

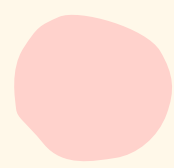
- Market research in collaboration with Mytec
- What else was out there?
- Options were costly, time consuming and would put added pressure on the workforce
- Mytec suggested they had capacity to build a re-deployable system which would link straight back to our control room.

DEVELOPING AN INNOVATIVE CCTV SOLUTION

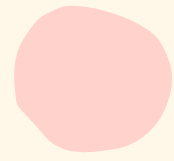
- Trialled the camera from Mytec in a fly-tipping hotspot
- This allowed us to review 31 days of footage
- Picture quality improved
- Significantly cheaper, as connector was able to link directly to the street lights

SUCCESSSES

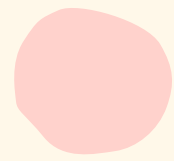




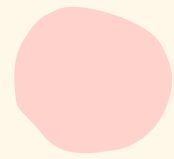
Significantly more cost effective – previous CCTV solutions were £6,000. The new solution cost £3,800.



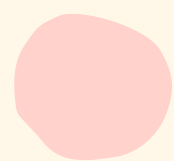
Increase in quality of images



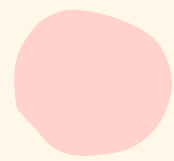
CCTV was capturing more evidence meaning more fixed penalty notices were issued and paid.



Evidence from CCTV also resulted in a guilty verdict at court – 80 hours community service.



CCTV solution provided evidence of 9 youths causing ASB. The youths were identified and ASB caseworkers and WYP got involved in the area.



Elderly couple who were experiencing harrassment in their home from youths were able to move back and feel safe in their home due to cameras targeting their property.

- The trial was so successful that we purchased an additional 8 units to help prevent and deter both ASB and fly-tipping in Wakefield.
- Ability to further develop the units in areas with litter or no 3G or 4G coverage.
- Reduced the need for witness statements and members of the public needing to attend court.
- The deployability of the cameras has enabled us to react to more reports over a flexible period of time.
- It has resulted in us being more customer focussed.

Most importantly,
Wakefield Council has
seen a

15% REDUCTION

in fly-tipping reports

EXAMPLE 1: HORBURY BRIDGE



EXAMPLE 2: FORGE LANE



We are constantly finding ways of improving and utilising our cameras

We have promoted our successes in the media, and internal publications.

One negative

More need for a cherry picker. Mytec have recognised this and purchased their own to alleviate issues.

**THANK YOU
FOR LISTENING!**