HOW CAN SECURITY TRANSFORMATION IMPROVE YOUR CARBON FOOTPRINT?

A G4S PAPER

''Do you view security as a **necessary evil?''**
''Has security **failed to keep up** with changes to your **working practices** and **risk profile?''**
There is a better way

Security on Repeat is Broken Security

Most organisations are interested in exploring **new** ways of doing things, if they lead to tangible cost savings, service improvements or, in the modern world, a more sustainable approach.

Security, sadly often viewed as a grudge spend, is a great example of an area where exploring different methods may lead to a better result.

By nature, security is dynamic. Risks change and security should evolve in line with risk. Too often it doesn't and becomes ineffective. After all, the definition of madness is doing the same thing over and over again and expecting a different result.

Despite an evolving risk profile, too many organisations operate with a security work force that stays consistent in numbers and responsibilities over long periods of time, wasting money and steadily reducing relevance.

1

Analyse, Transform, Improve

Proactive security will challenge how you do things with four main criteria driving the challenge:-

1 **Adopt a Risk Based Approach**

To challenge or reshape security, it is critical to have an up to date and relevant understanding of the risk profile faced by the organisation. By understanding the risks, you can model your security in line - clearly any security transformation should reduce risk rather than increase it.

As an example, if your main challenges moved from business interruption caused by protest groups to insider theft, your security make up should move in line.
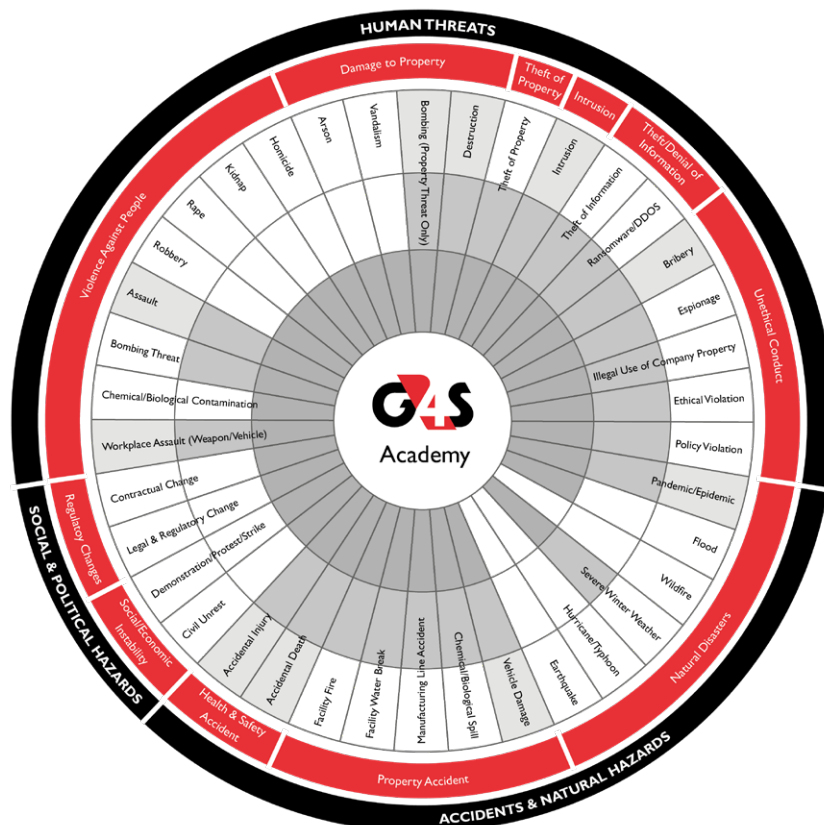
2 **Functional Fit**

Any security remodelling must integrate with the commercial environment and not cause significant disruption to "business as usual" or lead to prolonged interruptions in service.

3 **Measuring Output**

Security transformation should balance a reduction in risk with measurable improvements, whether that be in terms of financial benefit or sustainability improvements - more about that later.

4 **Ensure Compliance**

It is so important that security transformation anticipates changes in law and regulation and ensures that you continue to operate in compliance with the main regulations.

REQUEST A FREE CONSULTATIVE RISK ASSESSMENT HERE

How do we do it and what does it look like?

So what's the main enabler? Mix a detailed risk assessment, a heavy dose of technology, a close client collaboration and access to significant internal security experience.

So what could the transformation look like?

In some instances it is using increases in bandwidth to remotely control security equipment or fully monitor locations outside working hours; using video analytics and contact-free access control to enable easier tenant movements; or even simply relying on a blend of physical security enhancements, and training and development to provide a multi-tasked security officer.

The method we use is straightforward:

We start by performing a detailed threat evaluation and risk assessment using our G4S Risk Assessment tool, and available intelligence;

- We look at how security is currently delivered, and what the expectations are of the building occupants;

- We then work closely with our product and solution design specialists and challenge ourselves on "is there a better way?"

- We then complete a report which illustrates:

  - The new solutions

  - The cost-savings with an emphasis on trying to keep capital expenditure at a minimum, or showing the payback

  - Any associated benefits, including an illustration of the positive social value impact, most importantly a projection on the resulting carbon footprint improvement.

How do we measure the environmental improvements?

Staff use an approved calculator to monitor the impact of reduced travel and electricity usage on site over the course of a year. This is offset against any increased consumption to show a net saving, which is displayed for the client in a simple and easy to consume report.

Security Transformation in Action

This is a simple example of how simple security transformation can lead to tangible benefits.

Our Client

G4S Client is a property management company operating an industrial estate made up of 100+ varying tenant business units.

The Risk Profile

Theft, vandalism and damage through trespass were major issues at the site, with the client needing to address the risks and increase confidence amongst the tenants on site.

Original Security Make Up

Security was delivered using a combination of:-

- Night and weekend static guarding
- A permanent site vehicle for patrols across the large surface area
- Maintenance of existing CCTV system

The Security Challenge

Following a detailed review, we uncovered:-

- Inadequate CCTV coverage across the site, meaning reliable surveillance was difficult
- Regular instances of pallet theft, flytipping, equipment and cable theft and car dumping which needed addressing
- Security officers on site left feeling vulnerable and threatened
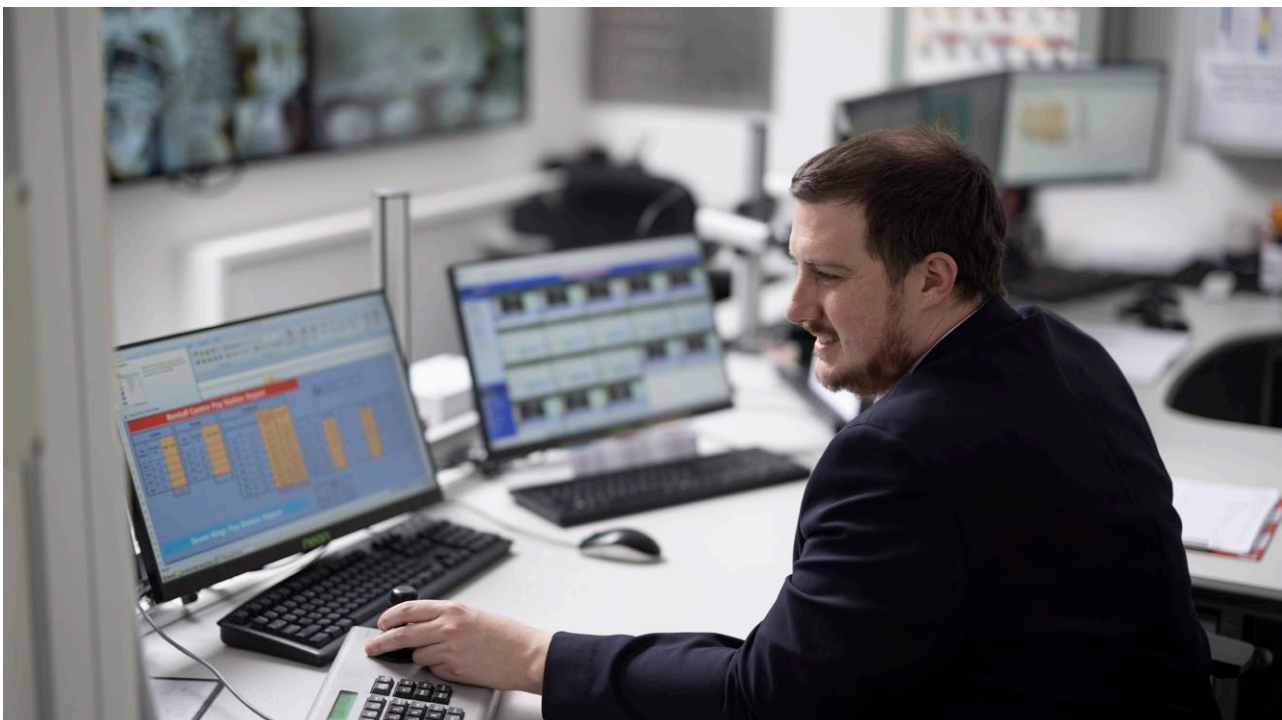
Our Solution

Led by a security transformation specialist, we:

- Removed the static guard and vehicle from site
- Invested to provide a significant CCTV system upgrade & coverage
- Delivered 24*7 remote monitoring of site CCTV

- Delivered a regular site patrol schedule and timed incident response service
- Added physical security measures to gate house to help limit access

The Result

Below is a summary of the results:-

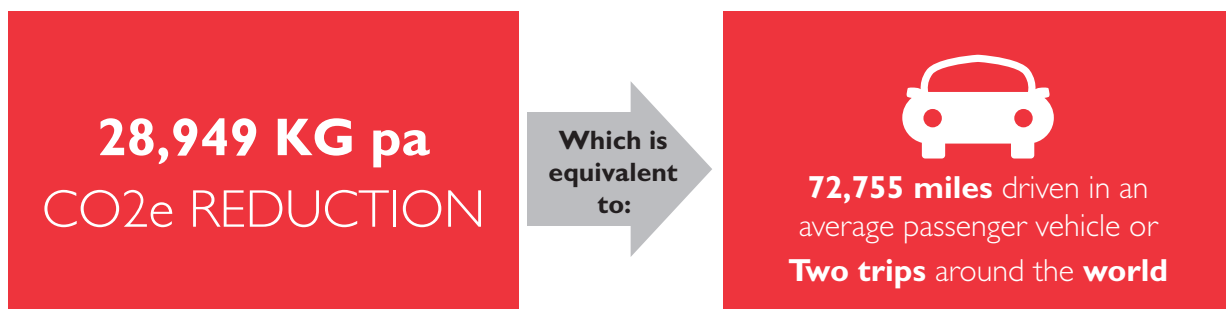| OBJECTIVE	ACHIEVED	DETAIL
Improve or Maintain Security	✅	• CCTV upgrade has resulted in real time, full site 24*7 monitoring
Control Cost	✅	• Security costs would reduce by £64,003 per annum, and utilities costs by an estimated £1,336 per annum, following initial expenditure. Costs recovered after 10 months.
Deliver Sustainability Improvement	✅	• Carbon emissions reduce by an estimated 8,308 kgs per year; water use by an estimated 63,000 litres

This Solution Scales

The client in question operates with a total of 17 sites that our transformation lead has identified as suitable for security transformation. The example provided to date is for one site. Evaluation for transformation projects across the 17 sites was completed and the corresponding benefits, with no impact to the effectiveness of security delivery equate to:
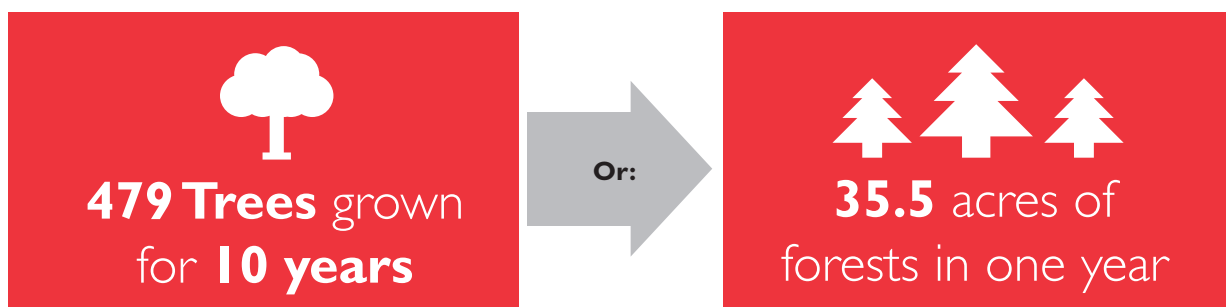
£550k pa yr 1 and 2
FINANCIAL SAVING

Rising to:

£850k pa yr 3,4 and 5
FINANCIAL SAVING

To support the saving, the transformation project delivers a:

28,949 KG pa
CO2e REDUCTION

Which is equivalent to:

72,755 miles driven in an average passenger vehicle or **Two trips** around the **world**

The Cost of not Acting

This particular client takes their environmental responsibilities extremely seriously, so we also evaluated the amount of offsetting activity that would need to be undertaken should security continue in the existing design.
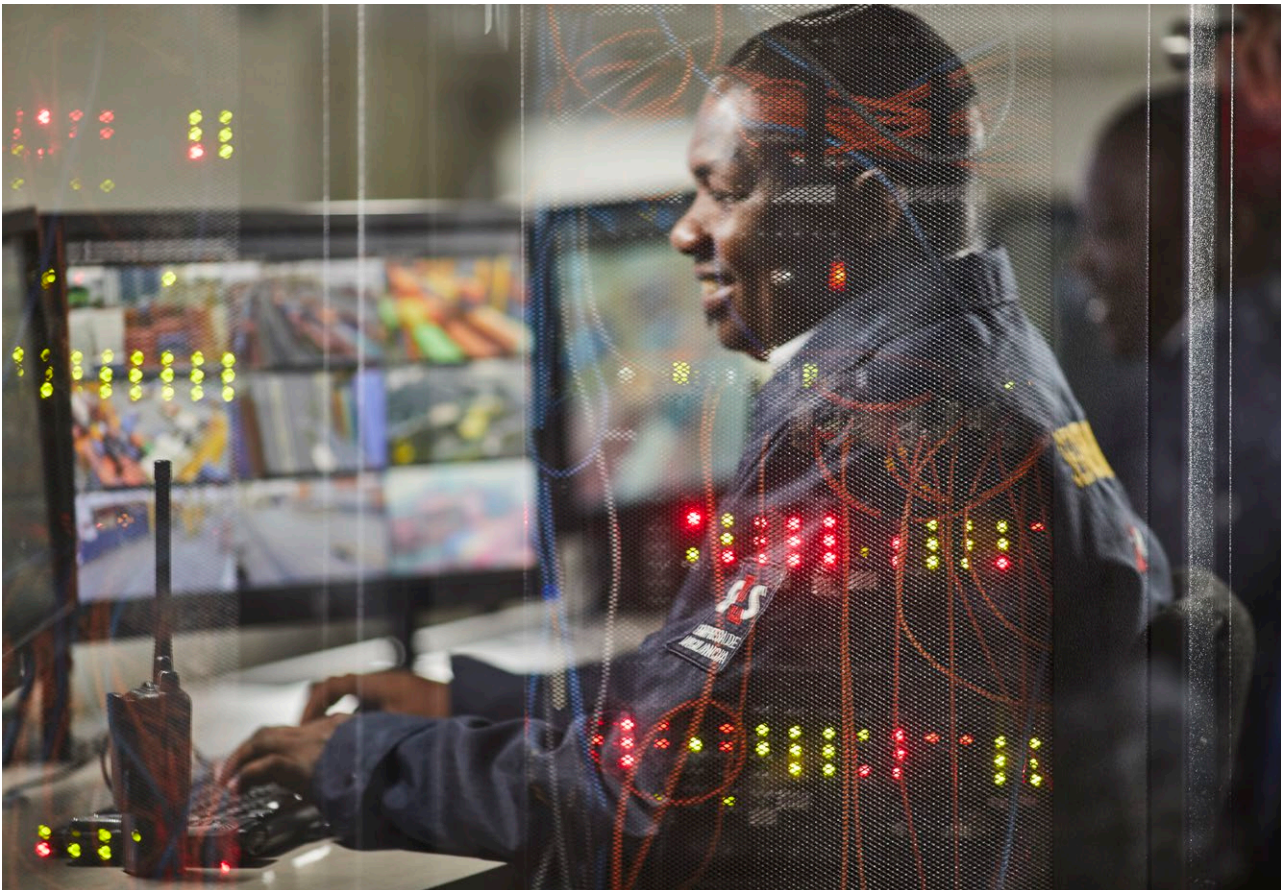
This was the equivalent of:

479 Trees grown for **10 years**

Or:

35.5 acres of forests in one year

The Moral of the Story

"Refuse to accept security in the way it's always been delivered."

There are significant cost and environmental improvements to be accessed through security transformation without impacting risk or service levels.

Seek advice, be open minded and demand quantifiable measurements to assess the effectiveness.

We're here to help.

If you would like to find out more please contact us:

UK: 08459 000 447 (option 1)

enquiries@uk.g4s.com

2nd Floor, Chancery House,
St. Nicholas Way,
Sutton,
Surrey,
England, SM1 1JB

Ireland: 1890 447 447

g4ssales@ie.g4s.com