




turning technology into reality



turning technology into reality



Worldwide, counterfeiting is estimated to cost businesses a total of \$500bn a year - 6-8% of global trade.¹

Brand Protection

Once only high value, luxury or designer goods were worth the counterfeiters' trouble. Now they are turning their attention to goods such as tea, tobacco, washing powder and water.



Document Authentication



Personal ID

Nor is it only brands at risk. Even countries can suffer due to counterfeiting.

For example, an estimated £390 million annually is laundered in the UK using false identities. And more than 100,000 stolen passports from countries without US Visa requirements are now in circulation.²

Turning the tables

Tackling this growing problem demands not simply new technology, but new products to put that technology into action.

So Payne Security is not simply in the technology business. We're a business which turns technology into reality, so you can turn the tables on the concerns facing your organisation.

With our global manufacturing footprint Payne Security is dedicated to helping businesses worldwide continually shield their products from counterfeiting, pass-off, theft and fraud. From research to design, to manufacture and delivery we have developed a wide range of security technologies, and applied them to our comprehensive product range.

Whatever security level you decide to employ depends on the challenges you face. But you can be confident that our product and technology offerings - including overt, visible to the naked eye; covert, visible only using specialist equipment; and forensic, requiring scientific analysis - are not only unparalleled, they are a reality.

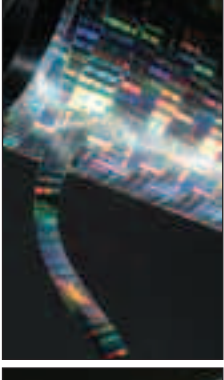
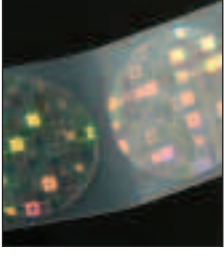
¹ Source: World Customs Organisation

² Source: US Immigration and Naturalization Service (INS)

Brand Protection

reality

Counterfeiting or passing-off brands has far-reaching effects: from loss of revenue and brand confidence for the companies which make the genuine article, to loss of tax and excise revenue for Governments. A weakened brand can take years and millions of pounds to recover, leading to long-term negative impact on financial performance, investment, product development and growth.



Counterfeiting has been well known in the luxury goods market for many years. However, the demand from consumers for inexpensive products has led to the increasing appearance of other unauthorised goods previously considered safe such as tea, coffee, tobacco and water.

With our extensive experience we can offer a wide range of effective security solutions to protect your products and your brand, preventing loss of sales and damage to your image. From inks, lacquers, labels, tapes and threads, our overt, covert and forensic technologies can be successfully applied to a huge range of consumer goods. Indeed our track & trace, anti-theft, tamper evidence and authentication solutions are already being used by leading international brands across the food, tobacco, alcohol, pharmaceutical and medical supplies markets.

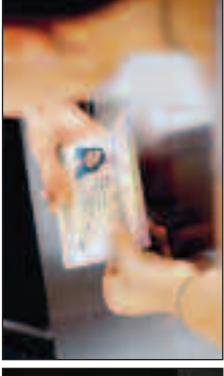
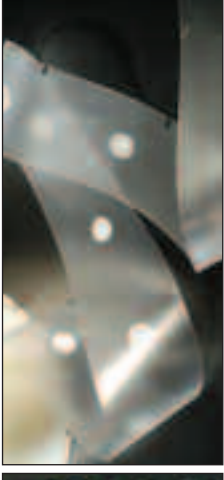
Our global production base ensures Payne Security provides solutions to manufacturers in any market, anywhere in the world, turning our technology into reality quickly and cost-effectively.



Document Authentication

reality

Payne Security has experience in document authentication going back 35 years. During that time we have grown in size and developed our capabilities to become one of Europe's leading manufacturers of security film, helping to secure and authenticate over 250 million documents such as passports and national ID cards. Constant investment in laboratory facilities and state-of-the-art production machinery ensures that our products continue to offer flexible and effective solutions to governments and organisations around the world.



With our own extrusion coating facilities we are able to produce bespoke laminates that incorporate security technology at a number of levels. From the structure and composition of the film and adhesive to the sophisticated design, print, inks and lacquers - we can 'build in' security features to provide authentication and guard against alteration and falsification of documents.

Overt features enable instant authentication of the passport or ID card through visual inspection. Our design studio employs the latest computer systems and software to incorporate sophisticated fine line print technologies which are difficult for forgers to replicate. This, combined with colour shift inks and the incorporation of holography with the laminate, enables the identity document to be validated quickly and easily.

Payne Security can increase the level of security still further with the introduction of covert and forensic features. Hidden images and microprint can combine with taggants, UV and tamper evident inks to further protect documents. Our laser markable films also enable passports to be permanently marked with information linking the bio-data page to the laminate, helping to guard against alteration.

We can incorporate RFID into the laminate allowing passport manufacturers and security printers to integrate the latest international technology requirements - turning new technology into reality.

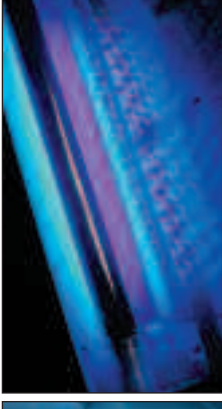
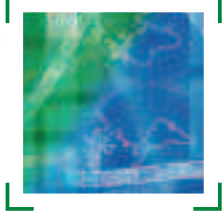


Corporate

reality

The security market is changing and Payne Security is in the ideal position to meet your changing needs, both now and in the future. With the backing of our parent company,

Filtrona plc, we invest continually in our production facilities to ensure we remain at the forefront of technology and quality.



Payne Security is a global concern, and one of the world's leading companies in the fields of brand protection, document authentication and personal ID solutions.

Our facilities for the manufacture of security products extend around the world.

We operate dedicated printing presses, including state-of-the-art gravure lines in Nottingham, UK and in Richmond, Virginia, USA, together with a range of extrusion and adhesive coating lines and specialist converting equipment.

At all our sites and with all our facilities our strict quality procedures ensure the highest standard of manufacture and our audit controls ensure that we maintain the levels of traceability and reassurance that truly secure production demands.

The comprehensive range of solutions - from inks to lacquers, laminates to labels, tapes to threads - will help you to meet the security challenges you face and provide the means to beat the counterfeiters and fraudsters. Our policy of continuing research and development means that we will be amongst the first to offer new technologies and products. And our 35 years of experience means that our solutions are both realistic and realisable. That is to say: Payne Security develops the technology to meet the challenge and then turns it into reality for you.





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