

# FACT SHEET

## SECURITY PRINT

### The world we live in

Fraudsters are extremely determined people, continually looking for new ways to originate, copy and alter printed documents of value such as cheques, vouchers, tickets, travel passes, certificates, etc. CDP will advise you on ways to keep your printed documents secure from attempts by potential fraudsters.

Since 1974 CDP have been providing Security Print solutions to a very wide range of clients in virtually every market sector. From wage & salary advice forms through to the most complex cheque and document formats. As long as our clients need security in their documentation, a guaranteed print quality, and from APACS approved printers – CDP are here to help and advise.

### Security Print – do I need it?

Probably "Yes". Almost every company has a need for some sort of documentation that is both secure and counterfeit proof. Some examples are:

Cheques	ID Passes
Certificates	Coupons
Vouchers	Permits
Tickets	Packaging
Membership Cards	Travel Passes
Insurance Documents	Gift Vouchers
Authentication Labels	Security Tags
Legal Documentation	Contract Documents

OK – you're the experts, explain to me what added Security I can get for my documentation?

CDP can provide you with a comprehensive range of additional security features to make it more difficult to forge your important documents. Don't forget - "Secure" doesn't have to mean dull! It may be surprising, but many of the features below actually enhance the image of the document...whilst at the same time deterring copying and fraud:

### Security papers

Technological advances in paper manufacture now provide a wide selection of secure papers that can be used for security printed items: CBS 1 for cheques, CBS 2 for bank giro credits, watermarked papers, and paper with U.V. fibres. These papers can only be accessed as an ex-mill item by bona fide security printers.

### Security inks

Advances in ink technology and the application of new printing processes continue to move forwards in the fight against fraud. Here are details of the high security inks available to you from CDP.

- Fugitive inks

These protect against fraudulent attack by aqueous or solvent based chemicals and water, as they "bleed" or "smudge" when tampered with.



- **U. V. inks**

Available as both visible and invisible (or latent) inks. As the name implies, the "visible" ink can be seen in daylight but becomes strongly fluorescent under a U.V. light. The "invisible" ink cannot be seen by the naked eye, and must therefore be viewed or verified under a U.V. light.

- **Thermochromic inks**

Heat sensitive inks which react to warm breath or touch by changing colour. The effect is reversible in that the ink returns to its original colour once it goes below a certain temperature.

- **Photochromic inks**

These inks effect a colour change under a U.V. light, and they then return to their original colour when removed from the U.V. light source.

- **Watermark inks**

To the naked eye, this looks exactly the same as a conventional watermark, but this feature is actually printed as a separate "colour", and as such can be produced at a fraction of the cost of watermarked paper. It can also be personalised to your own requirements, (ie. with your own company logo), rather than as a standard design. Similar to conventional watermarks, it cannot be reproduced on a photocopier.

- **Security designs**

Intricate unique designs (sometimes called "guilloches") can be used to deter forgers. They are more of a visual deterrent created by advanced computer technology, and are almost impossible to duplicate precisely.

- **Fraud-a-Void**

This is a unique print process which has been developed so that when such a document is photocopied, the word "Fraud" appears. This feature is available in green, red, blue and orange.

### Holograms

Generally regarded as the best current deterrent to copying and print forgery, holograms are also easily verified by the naked eye. CDP offer a wide variety of holograms, which include the following :-

- **"Stock" registered holograms**

These are secure holographic images that are licensed for use to selected clients only for your specific needs.

- **Die cut holograms**

This is a method of customising a "stock" holographic foil by die cutting a special shape around or into the hologram.

- **Overprinted holograms**

The most cost effective way of personalising a stock holographic foil is to overprint it with your logo or a monetary value. This can be done in various colours but black always stands out best.

- **Personalised holograms**

Your own unique hologram, individually made to your own requirements and which can also be designed to compliment your corporate identity.

# SECURITY CERTIFICATE



### Metallic foils

As an alternative to holograms, CDP provide foils in a wide range of colours and designs, some of which are also laser compatible. As with holographic foils, their appearance can be enhanced by overprinting or die cutting.

### Holographic films

Where products such as passes or packaging are of high value, CDP can design and provide ultra secure holographic films that will surround the product and keep fraudsters at bay.

### Barcodes

Barcodes are not just for baked bean tins. Each barcode can carry more information than a 100 page document! So to guarantee and verify the security of each product or document, bar codes are a vital element in avoiding fraud.

### Modulus numbering

Modulus numbering is a computer generated algorithm numbering sequence that is impossible to copy from 1 document to another. It is especially valuable in secure documentation scenarios where normal sequence documents are prone to fraud.

### Tamper evident labels

As an additional security measure for both documents and packaged products, CDP provides unique tamper evident label solutions. These are labels that show whether a document or product has been tampered with. It is especially useful where security pin codes or packaging seals are important. Such labels can show "Void" or "tampered with" as a clear sign that the label has had been illegally tampered with.

### Design advice

With all of the various Security Devices and processes available it may seem daunting when deciding on the format for your printed item. But don't worry! At CDP we take the consultative approach on Security Print. As no two clients are the same so no two solutions will be the same. The first 2 questions we ask are "How secure do you want your document to be?" & "What is its intrinsic value if lost, stolen or forged?" – from this we can build a product that will meet your needs exactly.

### Materials advice

Selecting the right material for a security product is very important. Questions like "How often will it be handled?" "Will it get wet?" "Should it be tear-proof?" "What will its life-cycle be? – will all add to the right selection of materials & processes.

At CDP we will guide you all the way and provide you with samples for testing and appearance. We like to get it right first time – everytime.

### I like the idea...so where do I start?

On the back page we have set out a Guide to Security Print that will guide you through the information we need to help you decide on which format and style you require.

If you need further information and samples then please contact us and we'll do the rest:

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# ESVOUCHERS SCHEQUES

