

ASSET

SECURITY CONCEPTS
SECURITY AND SAFETY PAPER
PAPER AND SECURITY ELEMENTS
SECURITY PRINTING
SAFE WAREHOUSING AND TRANSPORT

GUARD VALUES AND STRENGTHEN TRUST – WITH QUALITY AND PRECISION

FO -Security stands for decades of experience in security printing. Our specialist team offers customers tailored solutions for printing goods ranging from easy recognisable security features to complex security concepts. "Discretion, quality and precision at all levels" is our credo. Every product is adapted for our customers needs. FO-Security is a member of Intergraf and is EN-ISO 9001 und 27001 certified.

The pursuit of security is constant battle against those, who wish abuse and produce forged goods for their own profit. As one of three declared security printers in Switzerland, FO-Security is with its security solutions always two steps ahead of counterfeiters.

Security prints make high demands on a business, reaching over the complete production chain, up to the competent and rapid After-Sales-Service. Producing counterfeit safe documents is our daily business. Our services include Concepts, Design, Material, Print and Logistics and also a wide range of modern security features which are constantly under further development.

■ Security concepts

FO-Security fulfils with its specialised knowledge and cleverly devised security products the most demanding requirements of customers and implements the newest technical discoveries in product authenticity. On the one hand we produce customised security concepts and define processes in order to guard against product piracy, forgeries and grey imports.

On the other hand our counterfeit expertise uncovers forged securities and help to prevent damage.

■ Security and Safety paper

FO-Security develops consumer specific layouts for securities stocks and bonds, certificates, identity cards, vignettes, checks, credit notes, tickets, fee stamps etc. Not only accompanied by an attractive design but also the required security level combined with a range of security features: visible, non visible, optically variable, coded, chemically reactive or holographic.

■ Paper and security elements

FO-Security begins its security concept with the choice of appropriate paper. It is the carrier for a series of security elements. The oldest is the watermark. Four possibilities can be chosen: one step negative – bright / dark, double step – bright / dark or Portrait halftone / shaded. With rags or FSC mixes unique paper characteristics regarding colour, feel, sound and paper quality can be achieved. Through the addition of invisible chemicals, the paper will react with acids and bases, organic solutions and chlorinated bleaching agents and changes colour by any manipulation. Also visible or invisible synthetic or natural fibres can be mixed and security fibres can be embedded during the manufacture. FO-Security also delivers RFID-Chips and antennas embedded in paper carriers (Badge).

■ Security printing

FO-Security uses a range of printing techniques: offset and letterpress, laser print, silk, flexo, intaglio, coat and Ink jet printing. Our security experts use a wide range of special inks, for example: iridescent, optically variable, UV- and IR-Colours and varnishes are at your disposal.

Hot and cold embossing, numbering, barcodes, perforation, creasing and stamping prove as further security features.



■ **Safe Warehousing and Transport**

FO-Security assures the safe warehousing of all security prints through storage in burglary proof safes. Furthermore we handle sensitive IT-Data according to internationally recognised safety standards (EN-ISO 27001) and can provide for a hundred percent destruction if needed. On request we perform all logistical responsibilities, such as order taking, delivery, invoicing, accounting and stock control. We work together with declared security transport organisations worldwide and guarantee absolute discretion.

WHAT YOU CAN EXPECT FROM US

First and foremost we offer discretion and absolute professionalism. We carry out safety projects worldwide and inspire our customers with the quality and precision of our services, innovations and standards. You will receive the best advice, excellent After-Sales-Services and fast and punctual deliveries.

How can you contact us?

Our security specialists are always at your disposal, provide you with competent advice under a pledge of secrecy and are also there for you after the successful completion of an order.

Telephone +41 44 986 35 59
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→ **A NOTE ABOUT COUNTERFEITING** The losses in turnover as a result of forgery in Switzerland are estimated at around two billion francs per year. Everything and anything is copied. From T-shirts to medicines and car parts. Dangerous to both our health and to jobs. Forgeries cannot be completely eliminated. But though the most modern developed technologies it can make the counterfeiters life so hard that it's no longer worth their while.

FO-Security focuses on the safety of Patent- and Copyrights and plays an important role in the combat of crime related to counterfeiting. For more information: www.stop-piracy.ch

