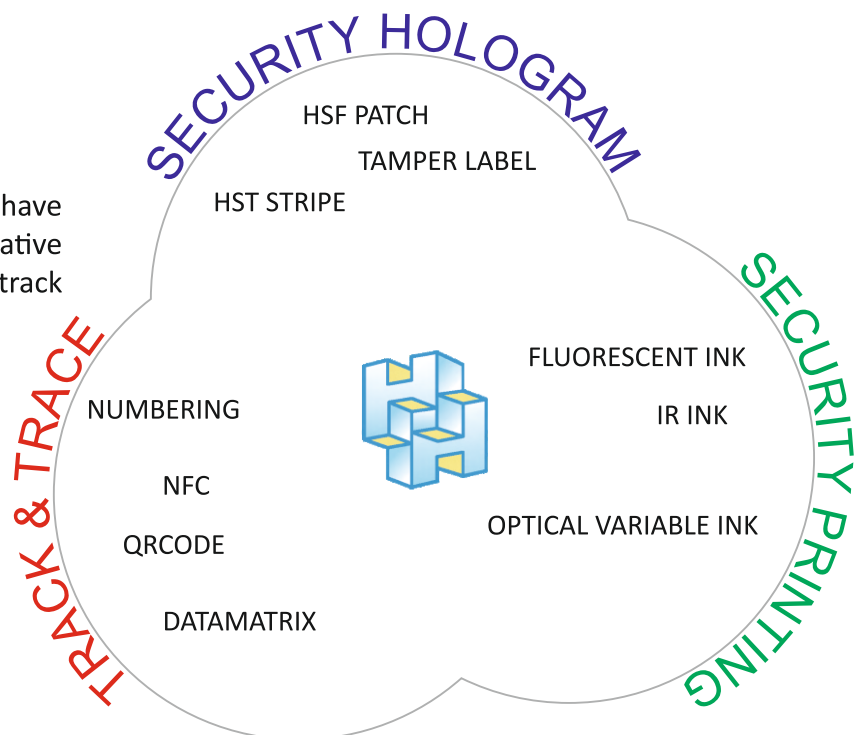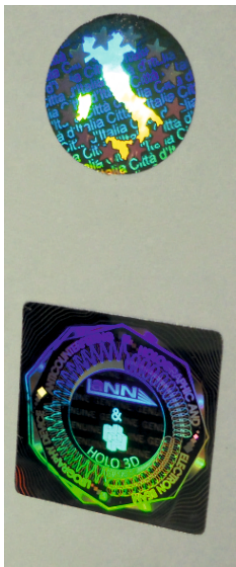## COMPANY PROFILE

Holo 3D specializes in finding solutions utilized to fight counterfeiting and **protect your brand.**

Since 1995, we have been involved in analyzing the risks and providing the best solutions for anticounterfeiting and brand authentication according to the ISO 12931 standard. Our production cycle is carried out on protected premises. The customers' masters and finished products are kept in a vault.

HOLOGRAPHIC INTEGRATED TECHNOLOGIES

In order to grant high reliability levels, we have integrated in the hologram the most innovative printing technologies for anti-counterfeit and track and trace system.

SECURITY HOLOGRAM

HSF PATCH
TAMPER LABEL
HST STRIPE

SECURITY PRINTING

FLUORESCENT INK
IR INK
OPTICAL VARIABLE INK

TRACK & TRACE

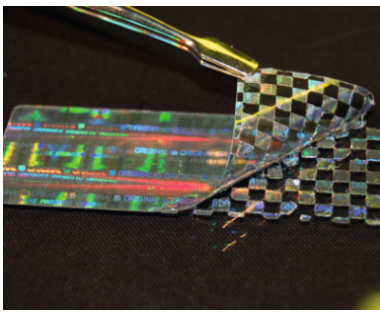NUMBERING
NFC
QRCODE
DATAMATRIX

HOLOGRAPHIC MASTER

Our twenty years of experience allow us to offer you the most advanced optical technologies with visible or hidden effects that can be detected by instruments either available on the market or custom-made by specific laboratory instruments.

VISIBLE EFFECTS

Moving the holographic image from left to right, we can see variable diffraction effects (2D-3D), achromatic and kinetic elements, 2 channels and guilloche effects.

HIDDEN EFFECTS

Microtexts, latent images (visible with coherent light), microtexts (visible with a magnifying glass), encrypted lenticular text (visible through a lens), nanotexts whit electron beam lithograpy system (visible with laboratory instruments).
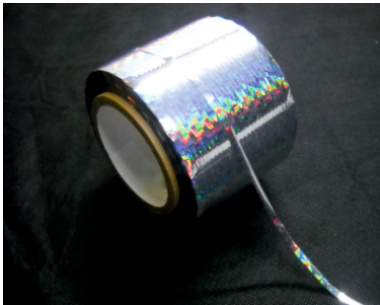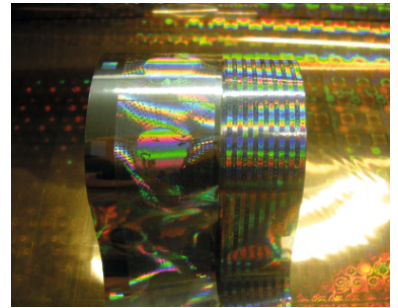
1 - TAMPER EVIDENT

Materials made with a metallization process that makes tampering evident by destroyng the holographic image.

2 - HOT STAMPING FOIL PATCH

Holograms applied by pressure and temperature which are an integral part of the paper or plastic base they are applied to.
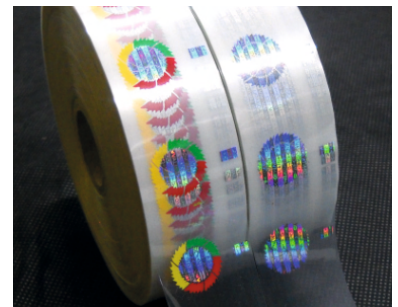
3 - HOT STAMPING FOIL STRIPE

A thin and continuous holographic stripe that is integrated in the paper stock by temperature and pressure. Supplied both in spools or pancakes.

4 - HOT STAMPING FOIL DEMET

General holographic images customized by demet and colours. They provide a high level of security and do not need holographic origination costs. Available in Pacth and Stripe versions, even in small quantities.

HOLOGRAM UNDER UV LIGHT

5 - SECURITY INK

Our holographic support enables us to make visible and hidden printing on the holographic support by using **Fluorescent** security ink, **Infra Red ink, Thermochromatic** ink, Optical Variable Ink and custom-made ink.

6 - CODING

TRACK & TRACE is carried out by using alphanumerical numbering, Datamatrix and QRcode with thermal stamping or laser ablation.

FRONT   BACK

7 - HOLOGRAM INTEGRATED WITH NFC TECHNOLOGY

NFC tag (chip and antenna) integrated in a holographic seal. To connect simply tap with your NFC-enabled device on the hologram.