





ACTIVE WORLDWIDE ON 3 MAJOR APPLICATIONS

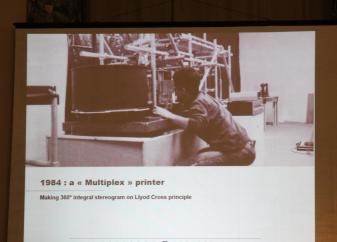
ID & vehicle documents

Fiduciary

Brand protection

- 400 staff> 70M\$ revenue
- 70With Tevering
- 100 countries









« UNPROBABLE » EQUIPEMENT -BEAUTIFUL RESULTS





1986: THE FIRST LAB (AFTER THE GARAGE)

Paris Subburb

- 200 M2
- 5 watt laser







MULTIPLEX INSTALLATIONS AND FUN IMAGES

City of science (1986)

- 50cm Diameter
- Rotative 360°
- Computer image

King of Thaïland (1986)

- 60x80 cm
- Traditional Rainbow

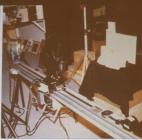
From model

Night Club(1987)

Series of 180° animated images







THE HOLOSCOPE

ADVERTISE IMAGERY

Stereogram

- 2 colors rainbow stereogram
- From plexiglass model and flat graphics













MAGAZINE COVERS, PROMOTION GADGETS

Key Chain 1988

Caractere magazine

Impact Medecin







COLLABORATION WITH ARTISTS

Hariett Casdin Silver

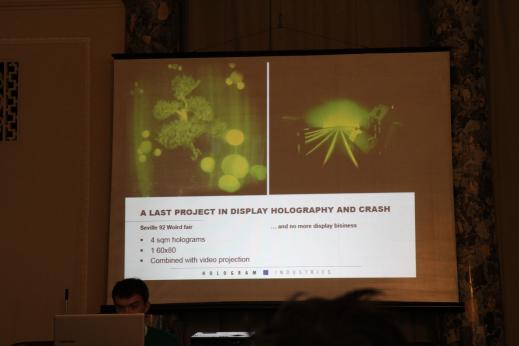
Venus

Claude Chabrol

- DRM
- Black and white stereogram









STEPING IN SECURITY









SPECIALIZATION IN BRAND PROTECTION AND DOCUMENTS

Cartier Certificate

Credit Card





Registration Certificate Carplate Label

Windscreen Label

- One of the first « system » built around security holograms
- Still in use after 15 years







FROM 2000's, DEEPER INVESTMENT IN SCIENCE









SECURITY = SIMPLICITY & ROBUSTNESS

 Dramatic visual
 Easy to memorize
 Deep scientific roots effect

EASY TO CONTROL SIMPLE TO EXPLAIN

ROBUST



50 nm

NANOSTRUCTURES OPEN A NEW AVENUE FOR OPTICAL SECURITY

- Designing and engineering optical nano-structures
- Engraving
- Reproducing on industrial scale



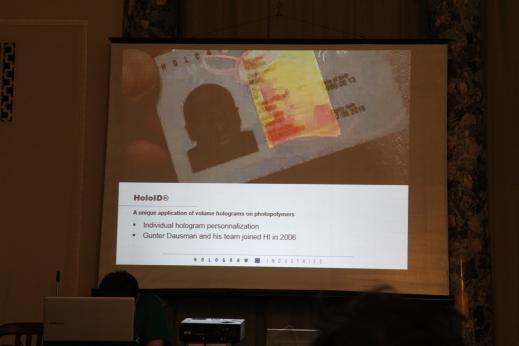
DID®: THE PIONEER NANO-TECHNOLOGIE IN OVD's

On passports

- First passport in 2003
- First ID card in 2006

On ID cards

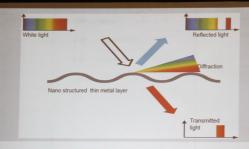






See through effect based on plasmonic phenomena

- One pure color transmitted
- One pastel color reflected



Plasmogram®

See through effect based on plasmonic phenomena

- One pure color transmitted
- One pastel color reflected





Hellection of deep pastel colors combined with diffractive elements.

PLASMOGRAM™

INTRODUCED IN 2014

- Designed for windows
- Reflective + See-Through effect
- Tested and Available for polymer substrates



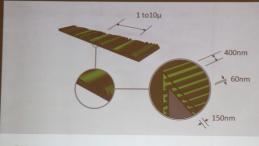
Transparent in light transmission
Two colors appear and permute when tilting the note

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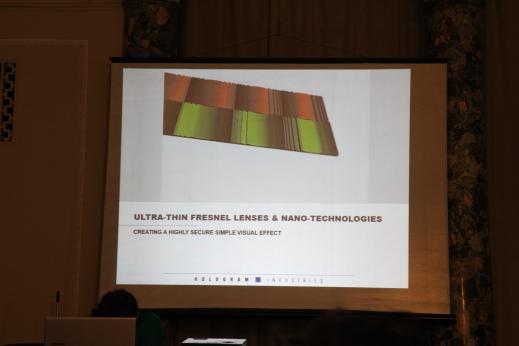




COMBINING DID® NANO-STRUCTURES & ULTRA-THIN LENSES

CHALLENGE : « MAPPING » DID™ ON ULTRA-THIN FRESNEL LENSES

Developing the industrial process





- Unique color permutation between thread and patch



MAPPING DID™ NANO-STRUCTURE ONTO COMPLEX FRESNEL LENSES DESIGNS





MOVEMENT-EMBOSSING EFFECT-COLOR PERMUTATION

Transparent feature



Check your hologram with smartphone and connect





CONNECTING OPTICAL SECURITY AND DIGITAL

Check your hologram with smartphone and connect



- The road of innovation is not straight
- We did not invent a new media, but we brought holography in each and every one pocket!