Horizon 2020
European Union Funding
for Research & Innovation

InovisCoat

From analogue Photography to high-tech Data-Archiving

piqlfilmGo Horizon 2020

Precision in Multilayers

Data Storage – a huge problem

Digital data is generally:

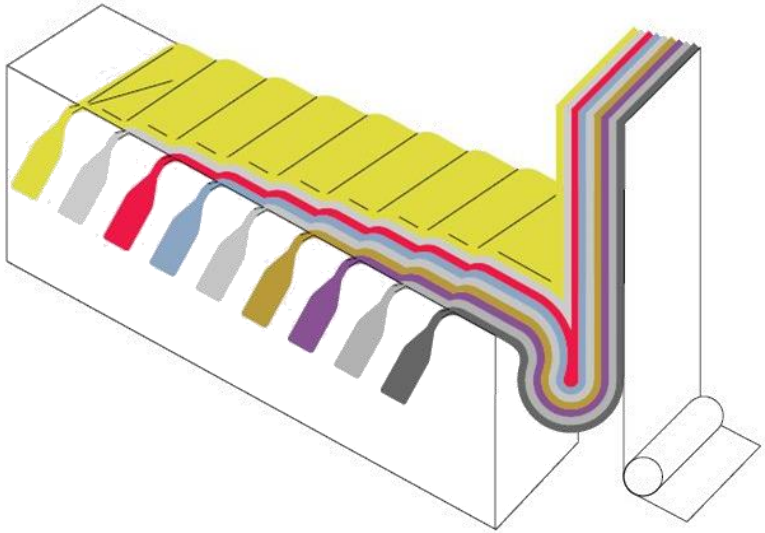
- Costly
- Environmental "unfriendly"
- Alterable
- Hackable
- Problem of readablility in future

Analoge Data is:

- Cost-efficient after 5-6 years
- 500 years tested longevity for the storage medium and the read-back of data
- Visual and digital format available
- Offline
- Environmental friendly

Analoge Photography

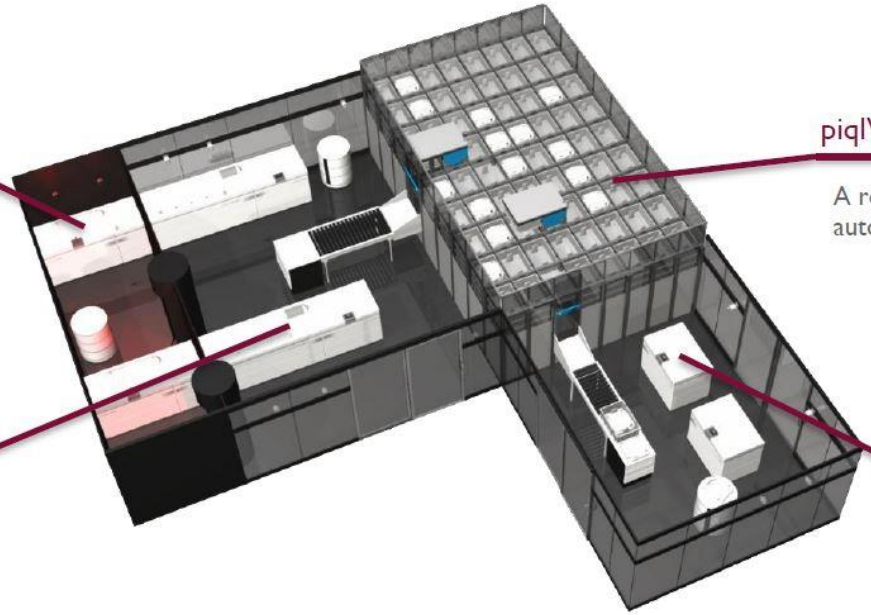
- Black & White
- Up to 12 layers
- Up to 100 chemicals/layer
- Highest optical precision



Piql Set-up

piqlWriter

Writes data onto the piqlFilm. The piqlWriter is a high-speed industrial grade data writer utilizing Piql's proprietary, sophisticated software



piqlVault

A robotic vault for safe, space efficient and automated storage of piqlBoxes

piqlProcessor

Develops the piqlFilm and makes the data readable and permanent

piqlReader

Reads data of the piqlFilm

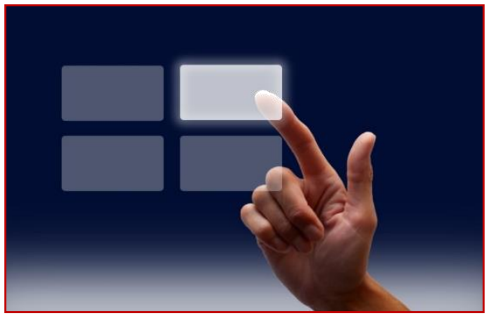
piqlBox

A box/cartridge developed to protect the piqlFilm. The piqlBox constitutes newly developed polymers

piqlFilm

A newly developed nano-technology 35mm ultra-high resolution film optimized for digital storage, with documented 500 years lifespan

Experience with other funded projects



Thank your very much for your attention!

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