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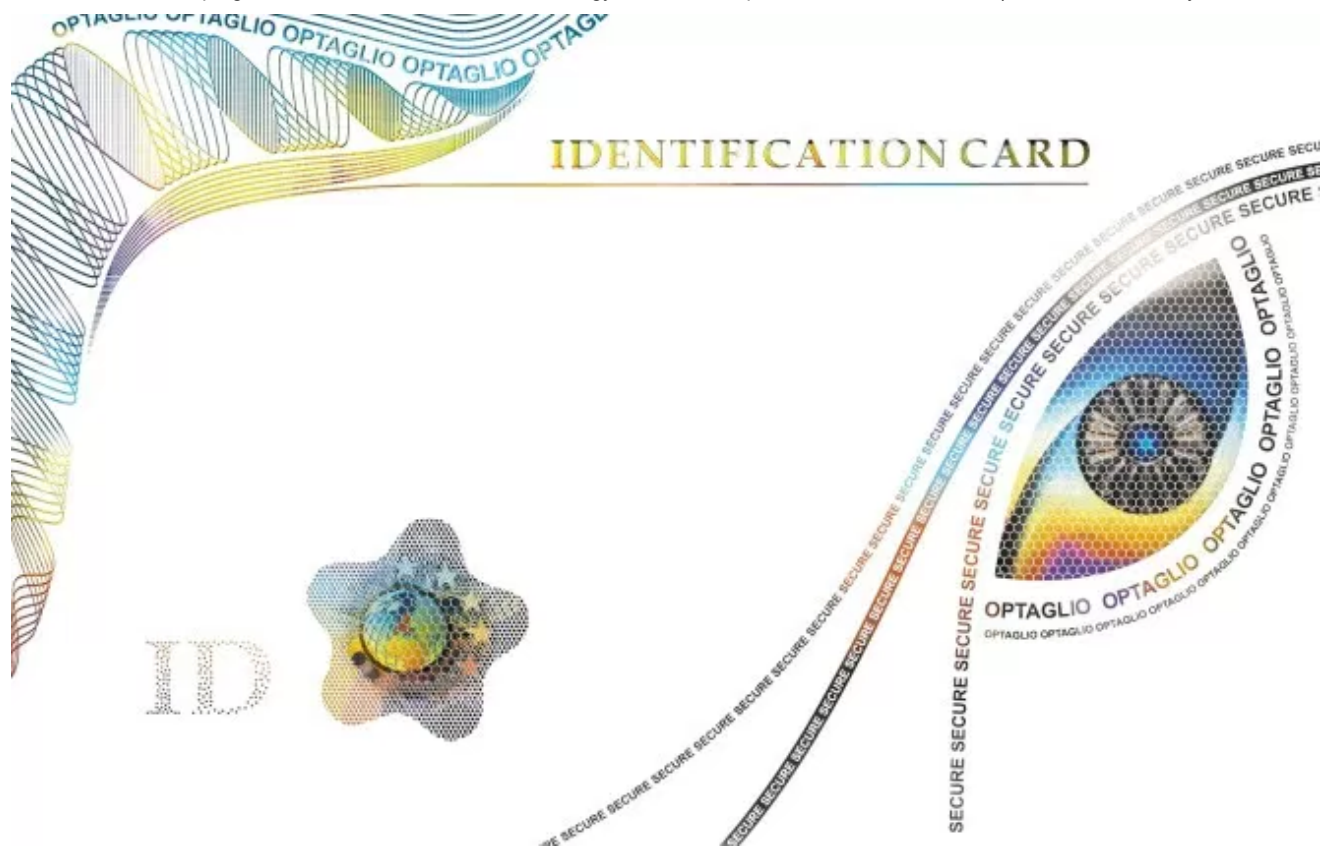
Optaglio delivered anti-counterfeit technology for 20 million personal documents in H1

By Antonio D'Albore | July 13, 2017

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Product line Optaglio OVMesh focused on polycarbonate cards enables:

- Integrating security holograms into polycarbonate cards to create a single polycarbonate unit without any heterogeneous adhesive.
- Producing holograms that consist of thousands of tiny pieces. During the card lamination, the melted polycarbonate flows between these pieces. Any removal attempt thus results in irreversible dissolution of the hologram.
- Combining holograms with microholograms, microscopic metallic dots sometimes called „holographic dust.“ There are a full hologram and letters engraved on each dot.

Most of Optaglio production for polycarbonate cards is now delivered to security printing companies and card producers in Asia and Europe. This year OPTAGLIO also starts to offer application machines so that the clients can perform entire production process in-house.

Optaglio technologies are developed in OPTAGLIO LABS in Lochovice, Czech Republic, with close cooperation with several European universities. Optaglio was founded by a group of scientists from Czech Academy of Science, and it still adopts an approach focused not just on product innovation but also on deep research of underlying physical and chemical issues.

About OPTAGLIO

Optaglio is a research organization and the global leader in high-resolution e-beam lithography security

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