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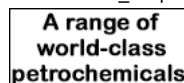
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Growth for Anti-Counterfeit Technology provider

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A trend towards polycarbonate documents with machine-readable biometric data now prevails around the world. More and more governments issue either polycarbonate cards or paper documents with polycarbonate page. Most of the market analysts say that up to 2022, only a few nations will insist on entirely paper-based documents.

"Of course, polycarbonate is not the only interesting technology. The market moves fast; composite cards producers can surprise us and renaissance of PVC cannot be ruled out. However, at this moment, polycarbonate is the king. We do not expect a change in the forthcoming years," says Dr. Tomáš Karenský, senior research manager in OPTAGLIO. "We have not adapted a technology originally focused on paper. Several years ago, we started an entirely new development project narrowly focused on polycarbonate. Now we can benefit from this decision, but we are not sleeping. Another major innovation is under development. Very likely the product will be available by the end of this year."

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.

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