



## Optaglio solution protects integrity of paper documents

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High-resolution security holograms firm Optaglio has launched a solution for "locking" paper against any changes and amendments.

The firm said its new product is a reflection of a growing market interest in confidential paper-based archiving of contracts, protocols, reports, minutes and other documents.

This area has been underestimated until now because it was widely believed that a massive move towards trusted digital documents would come. However, growing distrust in impenetrability of digital certificates and a large number of successful hacker attacks against confidentiality of storages motivate some organisations to look at opposite direction. They need to ensure integrity, confidentiality and availability of paper-based documents, which leads to requirements on advanced in-house storing.

"According to best practice, important electronic documents are protected with hashes, trusted digital certificates and possibly timestamps. For paper-based documents, there is only one option – asking a trusted third party for storing them or keeping a copy. However, this solution questions their confidentiality," states Senior Research Manager in Optaglio, Tomas Karensky. "It may surprise you, but finding the right solution was quite laborious. It is not so difficult to create something that works in this area. It is more difficult to reach acceptable costs."

Optaglio's solution is based on coverage of a protected document with a transparent foil using an office laminator. The cover layer includes microholograms or a hologram. Any attempt at a change immediately results in irreversible destruction of a cover. Each foil sheet has its unique number.

Currently, a pilot is underway that includes implementation of Optaglio's paper integrity protection solution in an American company.

The solution announced today was developed and tested at Optaglio Labs in Lochovice, Czech Republic. In this centre, most of Optaglio research activities are concentrated, from material research to product innovation.