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## **BSI TR-03137 Optically Verifiable Cryptographic Protection of non-electronic Documents (Digital Seal)**

The digital seal is a mechanism that allows to verify (in parts or as a whole) the authenticity and integrity of non-electronic documents automatically by cryptographic means using optical document readers only. The digital seal is a two-dimensional barcode printed on the document and comprises digitally signed data for checking the authenticity of the document and the integrity of relevant document contents, e.g. text or images.

The purpose of the digital seal is to provide a cryptographic protection of the authenticity and integrity for non-electronic documents.



[BSI TR-03137 Optically Verifiable Cryptographic Protection of non-electronic Documents \(Digital Seal\) \(pdf, 2.07 MB\)](#)

TR 03137 will soon be obsolete, as France' ANTS and Germany's BSI are proposing a new standard for digital seals on visa documents. The beta version 1.0 of this standard is currently drafted as TR 03137 - Part 2.



[BSI TR-03137 Part 2 – Version 1.0 BETA - Visible Digital Seals for Visas \(pdf, 694.6 KB\)](#)

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