

IQ Structures Writes Data into Holograms

IQ Structures – the Czech optical nanotechnology specialist – recently announced a holographic solution for polycarbonate (PC) ID cards that writes and protects personalised data during the document personalisation stage.



The mass production of identical security elements has always been one of the crucial features of security holography as an anti-counterfeit protection technology. And the tampering of genuine ID cards, involving the alteration of data incorporated within them, is a common method of enabling unauthorised use.

IQ structures has developed a holographic anti-tamper feature that enables personalised data to be written into the hologram, thereby providing an additional level of protection of the ID card or document.

Robert Dvorak, Business Development Director for Security at IQ Structures said: 'abusing a removed hologram, for the creation of a fake is now impossible. However, our self-destructive holograms *IQ proID* cannot be removed. It is more important that writable holograms can protect any data against all kinds of tampering. The attacker would first need to get a blank hologram.'

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