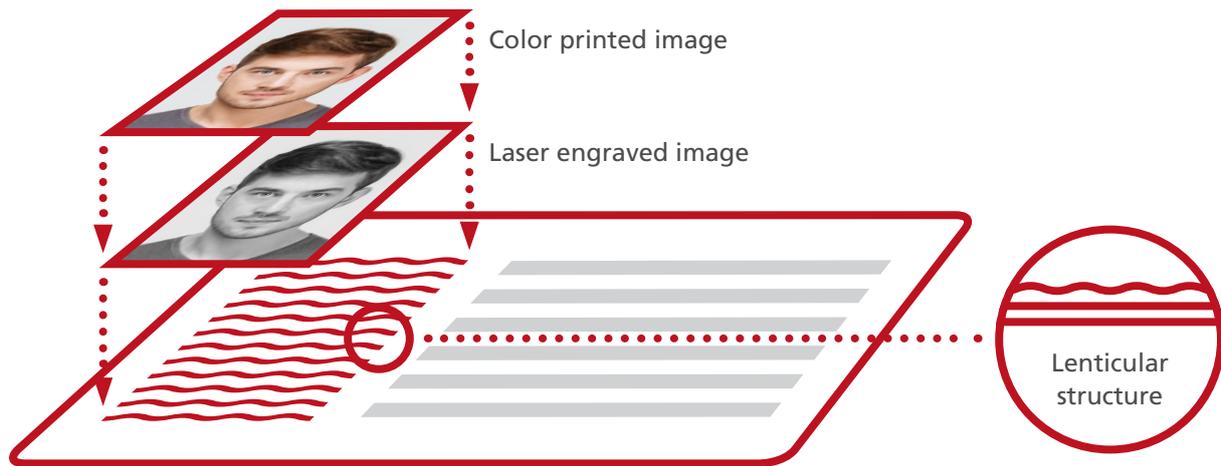




Color personalization technology for maximum flexibility

Photos on identity documents must be forgery-proof to guarantee reliable and secure identification. Laser-engraved black-and-white images used to be the standard for polycarbonate documents, but today's governments and their citizens expect more: high-quality vivid color photos and the latest security features. Veridos provides an integrated solution that perfectly meets these high expectations.



Innovative vivid color photo

Newly developed by Veridos, CLIP ID® (Color Laser Image Protected ID) is an integrated solution that adds vivid color photos to the next generation of polycarbonate identity documents. It combines secure laser engraving with brilliant and durable image printing, all while offering maximum flexibility in the production and personalization processes. Our technology produces a uniquely life-like image of the holder – vivid and high contrast, reflecting all the skin tones of the world.

Highest security

The lenticular structure in the photo area is a key component, added during the lamination process. The new CLIP ID® personalization method uses two photo sources in combination with this special structure. First, a black-and-white version of the image is laser-engraved, then the color photo version is printed on top. The photo is thereby inseparably bonded with the card material. This makes it easy to detect manipulated IDs – either by touching them or using an infrared light.

Maximum flexibility

This extremely cost-efficient solution allows government authorities around the world to integrate vivid color photos into polycarbonate identity documents. The document production and personalization processes are completely separated, and the personalization process can be either centralized or decentralized.

CLIP ID® makes the process of producing highly secure ID with vibrant color images of the holder more flexible than ever before.

| BENEFITS AT A GLANCE

- Vibrant color photos on any polycarbonate ID, including data pages for passports and all kinds of ID cards
- Unique combination of secure laser engraving and photo printing on a specially-structured photo area
- Cost-effective solution, perfect for both centralized and decentralized personalization workflows, separate from document production
- Highly durable without any need for an additional protective layer
- Able to integrate additional Veridos security features as desired

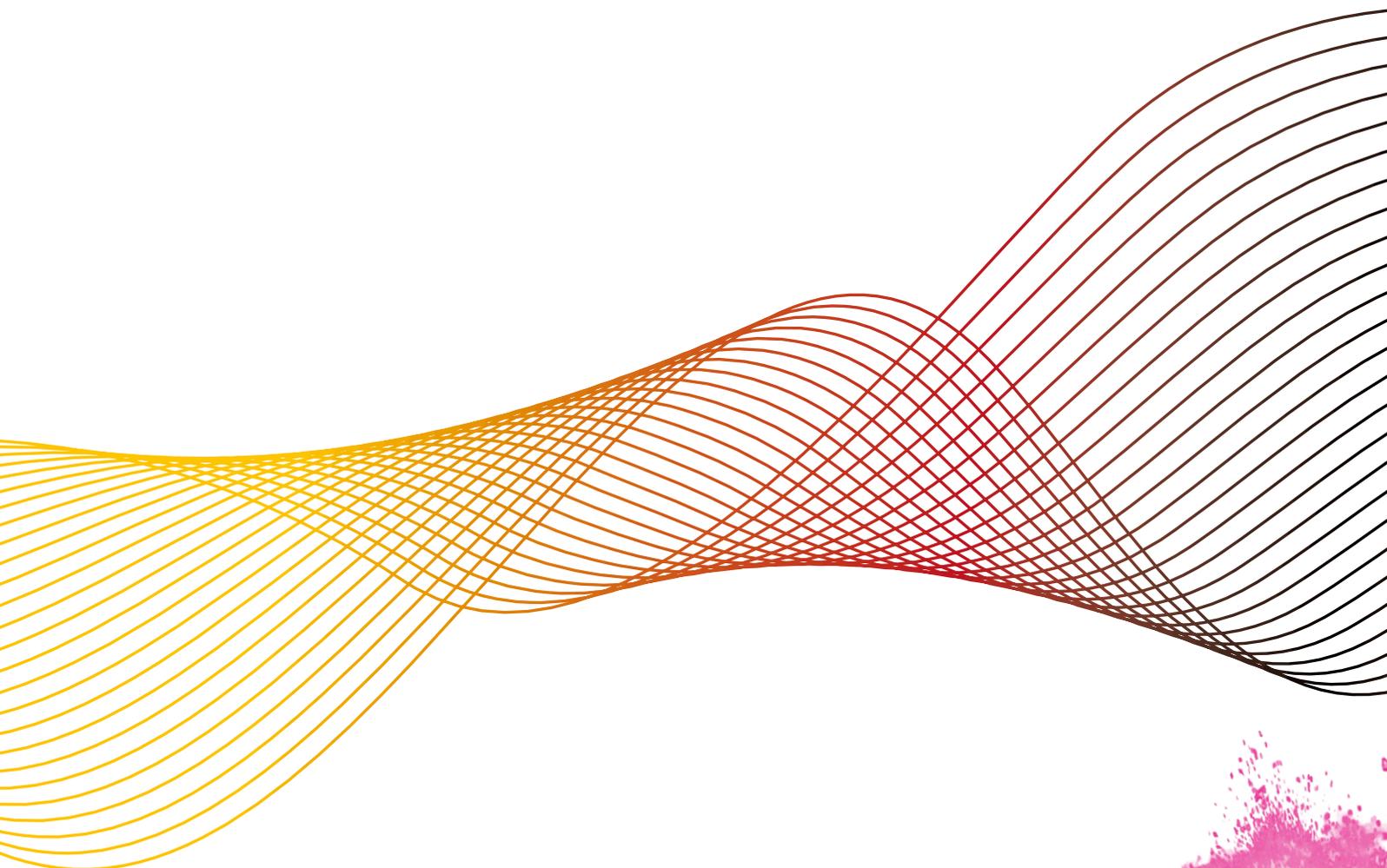


Watch our video on color personalization technologies:
veridos.co/CLIPID

VERIDOS

IDENTITY SOLUTIONS

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and Bundesdruckerei



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All technical data subject to change.