CHROMA

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# CHROMA: COLOUR PORTRAITS THAT REFLECT REALITY

**The Colour Laser Technology of the Decade**

# CHROMA SOLVES THE SECURITY VS. QUALITY CHALLENGE

Colour has long been the missing link in secure identity document personalisation. For decades, issuers had to choose between the high security of greyscale laser engraving and the recognition offered by colour photographs.

Our colour laser technology, CHROMA, removes this compromise by delivering both laser-engraved security and near-photographic images.

# COLOUR FACILITATES ACCURATE VERIFICATION

Colour plays a critical role in accurate identity verification. Scientific studies show that people are far more likely to make false matches when comparing a real face to a black and white photo because the lack of colour causes different faces to appear more similar.

Colour images, improve recognition accuracy. At a border checkpoint, this lack of consistency between portrait formats becomes a real risk.

Colour images, by contrast, improve recognition accuracy, ensuring colour consistency between the live person, the document and the digital record strengthens decision making and significantly reduces error rates.

**Best New Technology Award 2026**

RECONNAISSANCE HIGH SECURITY PRINTING™ EMEA WINNER

# CHROMA ACHIEVES NEAR PHOTOGRAPHIC REALISM

CHROMA's realism comes not from more colours, but from precise laser control. Each colour element is placed with extreme accuracy, creating smooth, natural detail.

Even when zoomed in, individual dots merge into a seamless image, making manipulation and reproduction easy to detect. The result is exceptional visual quality with built in security.

# CHROMA ACHIEVES WHAT THE MARKET CANNOT

- **Pure Colour Laser**
  Maximum security through subsurface engraving
- **Ultra High Definition Portraits**
  Market leading precision equivalent to 1200 DPI
- **Photo Realistic Imaging**
  Colour precision and realism that exposes forgery attempts

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