

# Flow Print

## The dynamic optically variable feature for ID documents

**F**low Print is a dynamic animation that comes to life by tilting the document. This feature serves as a robust safeguard for polycarbonate ID documents, thwarting any attempts at reproduction and forgery.

Name/ Nom  
SMITH

Given names/ Prénoms  
JOHN

Nationality/ Nationalité  
Abroadian

Date of birth/ Date de naissance  
15 02 1985

Sex/ Sexe  
M

Document No./ N° du document  
BB0000011

Date of issue/ Date de délivrance  
25 11 2021

Date of expiry/ Date d'expiration  
24 11 2031

### Unmatched fraud protection

With fraudsters becoming more and more ingenious, identity documents must stay one step ahead.

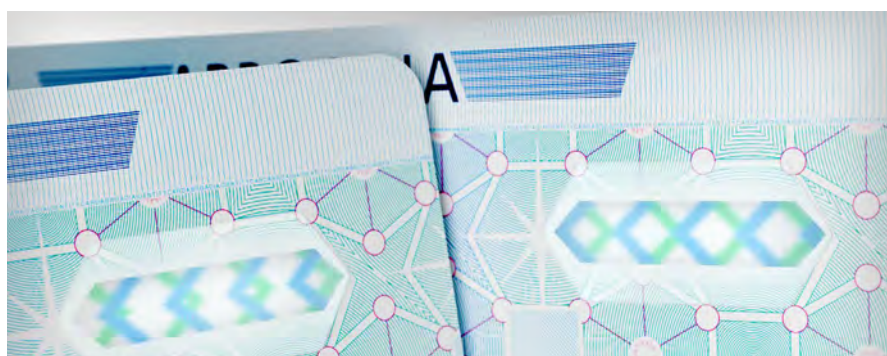
Flow Print is an innovative solution designed to thwart even the most sophisticated attempts of fraud, as most printing is unable to capture the dynamic animation of this advanced feature.

This security measure ensures the integrity of the document, offering robust defense against fraudulent replication.

### Flow Print, captivating visual effects

Flow Print is an optically variable feature, ensuring that each viewing angle presents a unique combination of dynamic patterns and colors.

The Flow Print dynamic movement is achieved through 3D parallax, a visual effect where different elements appear to move at varying speeds or directions when the card is tilted in different angles. This creates a sense of depth within the design, enhancing both its visual appeal and security aspect.



## Why IDEMIA Smart Identity?

With over 3.5 billion identity documents issued worldwide, and 79 countries with active programs, IDEMIA has extensive experience in producing tamper-proof documents.

Innovation is key in the fight against security threats and IDEMIA continuously innovates to be one step ahead of fraudsters. IDEMIA's security concept ensures that ID documents are hard to reproduce but easy to inspect.

## Benefits



### Fraud protection

Flow Print provides effective protection against simple attempts at printing, photocopying, and reproduction, as its technology is nearly impossible to counterfeit.



### Eye-catching animation

The Flow Print movement reveals dynamic animations of patterns and colors, boasting unique 3D effects.

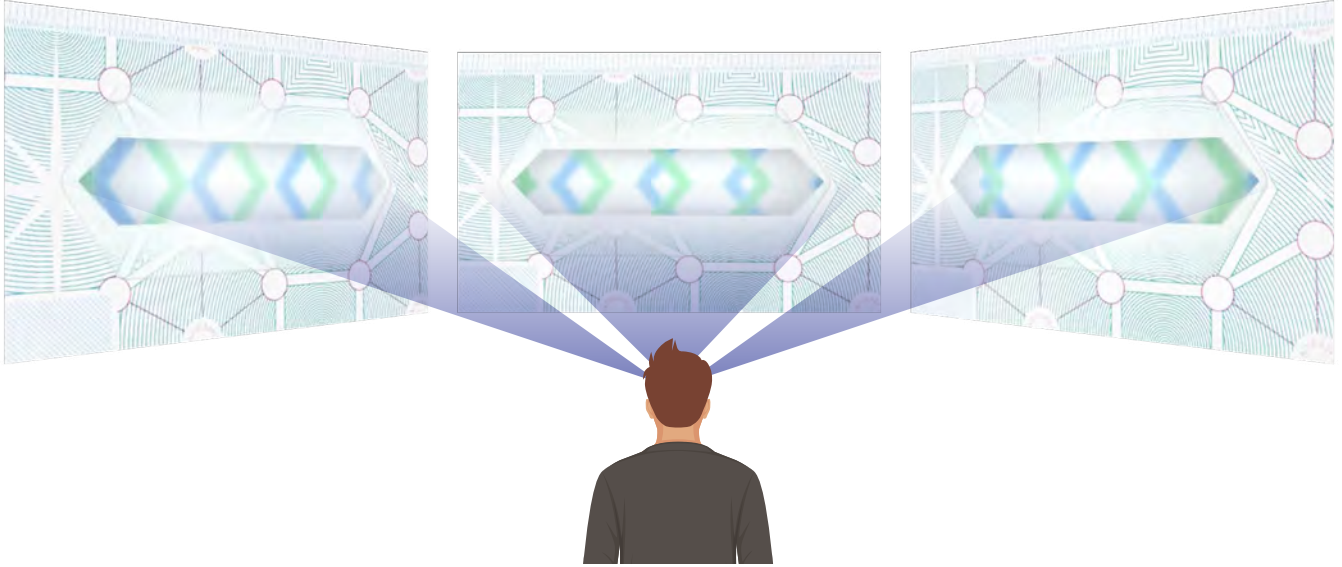


### Easy to inspect

The Flow Print design is easy to inspect and memorize. Authentication is simplified, and recognition is possible, even without additional aids, thanks to its distinct visibility to the naked eye.

## How it works?

The process involves overlaying a printed pattern with a lenticular array, each having a unique design. This combination results in the creation of movement, achieved through a 3D parallax effect. In addition to the motion effect, this feature incorporates, optical depth variations as well as dynamic letter and symbol movement.



Different viewing angles of the feature

## Variations of the Flow Print design

The feature is available in several designs, with customizable colors to match your requirements. Customization options are available to tailor the letters to align with your country's trigram (country code) for added authenticity.

