Visual Security Solutions

HOLOGRAPHIC FOIL CARDS AND HIGH SECURITY OVERLAMINATES
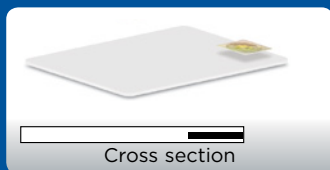
HID®

One look tells ID counterfeiters that they're defeated before they even try.

HID FARGO® Visual Security Solutions add vital protection to your ID cards — and to your organization.

A photo ID printed on a plain white plastic card offers no protection against counterfeiting. To protect against this risk, HID Global® offers a range of visual security elements and overlaminates that can help ensure that your identity is always secure.

Whether they are embedded on the card or just below the surface, HID Global's visual security features and highly secure overlaminates become a part of the card itself, making it virtually tamper-proof.

Custom
High Secure Overlaminate

Print Image

Blank Card
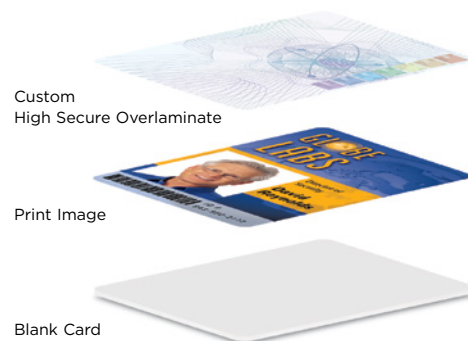
The Anatomy of a High Secure ID Card
HID FARGO Visual Security Solutions give you the flexibility and protection you need to design an ID card that will meet your organization's unique level of security.

Which type of visual security is right for your organization's card design?

Cross section

Security embedded on the card.
HID Global's HoloMark™ and VeriMark™ visual security elements are created via a precise foil hot-stamping process. The foil is embedded on the card, and the tamper-evident image appears above the surface of the card. Your design must allow a clear space around the mark for printing on these types of cards.
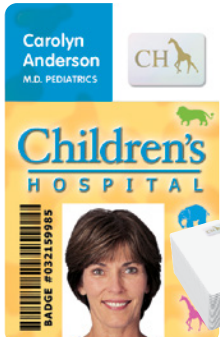
Cross section

Security embedded in the card.
HID Global's translucent and metallized foil cards are created via a precise foil layering process. The foil is embedded in the card and the tamper-evident image appears below the surface of the card. No clear space is necessary for printing on these types of cards.

Holographic Foil Cards
## Cost-effective visual security for your organization.

Custom Verimark™ Card

A quick and affordable solution featuring your custom graphic on an opaque 2D foil.

Utilizing a precise hot stamp process, HID Global embeds your organization's logo, text or graphics onto a silver metallic foil to produce an easy-to-verify visual counterfeit deterrent. Durable, distinctive and difficult to counterfeit, VeriMark cards are perfect for organizations that want to add personalized visual security with minimum cost and delivery time.

Custom VeriMark cards feature your 2D logo, text or graphics embedded in gold onto a durable silver foil.
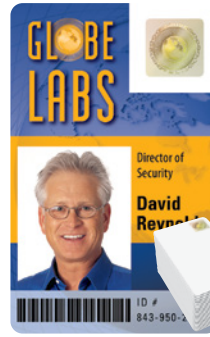
Custom Holomark™ Card

Your custom 3D image in a distinctive, high-resolution holographic mark.

HID Global turns the graphic of your choice into a one-of-a-kind hologram that's permanently embedded onto the surface of your card. The result is a visually dynamic card that's virtually impossible to duplicate, yet easy to validate. Custom HoloMark cards provide significant non-laminated protection against ID counterfeiting. A standard HoloMark design is also available.

Custom HoloMark cards feature your-custom-designed hologram with multiple diffractive angles, nano text and laser-viewable images. Available in gold or silver.

Custom Translucent Foil Card

A custom design solution with your translucent foil graphic embedded below the surface.

Custom-designed translucent holograms are embedded in the card stock — just below the surface — for maximum durability and security. The design can incorporate customized visual security elements. Ideal for designs where printing will cover the embedded image and create a translucent "watermark" effect on the card.

Custom translucent foil cards are also available pre-printed. Ask your authorized HID Global partner for details.

Custom Metallized Foil Card

A custom design solution with your metallized foil graphic embedded below the surface.

Custom-designed, metallized holograms are securely layered inside the card's construction — just below the surface. This provides maximum durability and resistance to counterfeiting or tampering. Metallized Holographic Foil Cards are ideal for organizations that desire a sense of security and a sense of style in their cards.

Custom Metallized Foil Cards are also available pre-printed. Ask your authorized HID Global partner for details.

Visual Security Elements (VSEs)
For Holographic Foil Cards

Use these examples to help create your own custom Holographic Foil Card.

The building blocks for a counterfeit-resistant ID card.
By adding one or more of these VSEs personalized to your organization's custom card design, you immediately increase your protection against ID card counterfeiting and tampering.

HID Global's range of visual security elements are tamper-resistant and instantly verifiable, whether they are permanently embedded on or in the card. Both card types represent today's minimum requirement for a secure card identity system and are considerably more secure than unmarked, easily replicated white cards.

Custom Translucent Holographic Artwork

Your custom translucent hologram is securely embedded inside the card's construction — just below the surface. This provides maximum durability and resistance to counterfeiting or tampering, and is available in unprinted and pre-printed cards.

Translucent Foil Card

Custom Micro Text
This microscopic type is so detailed, it cannot be duplicated via dye-sublimation, inkjet or laser printers. Carefully placed within a line or an element of artwork, it appears only under magnification. Here, the words "NO FRAUD" are seen in the purple border.

Custom Invisible UV Ink
Invisible to the naked eye, these covert graphics come to life and turn red when viewed under ultraviolet light.

Custom VeriMark Foil
(not shown on these cards)
Custom VeriMark Cards feature your 2D logo, text or graphics embedded in gold onto a durable silver foil.

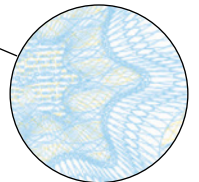**Custom or Standard HoloMark Foil**
(not shown on these cards)
Custom HoloMark Cards can feature your custom-designed hologram with multiple VSEs. Available in gold or silver.

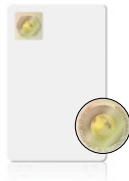**Metallized Foil Card (Shown with Full-Color Pre-Print)**

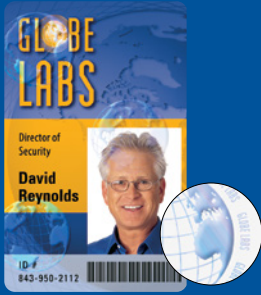**Custom Full-Color Secure Printing**
Advanced printing techniques such as rainbow, guilloche, fine line and microprinting deter counterfeit. Complex printing patterns cannot be reproduced by photographic equipment and complex colors are difficult for color copiers and scanners to reproduce accurately.

Each year HID Global helps thousands of governments, businesses and other organizations develop a visual security solution that meets their requirements for both budget and security.

Which Visual Security Solution is right for your organization?

	VeriMark	HoloMark	Metallized	Translucent
Security Level:	Secure	High Secure	High Secure	High Secure
Origination:	$325	$3,000 or $10,000	$1,000	$1,000
Minimum Cards:	500	5,000	1,000	1,000
Turn Around:	8-12 weeks	8-12 weeks	6-8 weeks	6-8 weeks
Orientation:	Horizontal or Vertical	Horizontal or Vertical	Horizontal or Vertical	Horizontal or Vertical
Printing Area:	• Limited printing. • Must allow a "clear" space around the VeriMark. Cannot print flush to foil.	• Limited printing. • Must allow a "clear" space around the HoloMark. Cannot print flush to foil.	• Unlimited printing. • Can print up to or even over the foil.	• Unlimited printing. • Can print over the foil.
Pre-printed Card Availability:	No	No	Yes	Yes
Additional VSEs Available in Design:	No	No	• Fine Line Design (Guilloche) • Invisible UV Ink • Micro Text	• Fine Line Design (Guilloche) • Invisible UV Ink • Micro Text
Card Stock:	CR-80 debris-free FARGO® UltraCard® and UltraCard Premium brand card stock.	CR-80 debris-free FARGO UltraCard and UltraCard Premium brand card stock.	CR-80 debris-free FARGO UltraCard and UltraCard Premium brand card stock.	CR-80 debris-free FARGO UltraCard and UltraCard Premium brand card stock.
Image Placement:	• Limited placement. • A single VeriMark image can be registered in one of four corners.	• Limited placement. • A single HoloMark image can be registered in one of four corners.	• Unlimited placement. • A metallized foil image can be registered and/or repeated in any customer-specified position.	• Unlimited placement. • A transparent foil image can be registered and/or repeated in any customer-specified position.

Custom SECURE
Holographic OVERLAMINATE
Cost-effective way to add durability and security to photo ID badges.
- Simple visual movement creates more complex, definitive holographic diffraction.
- Supports more complex graphics or text designs.
- Ideal for smaller corporate, local government and educational applications.
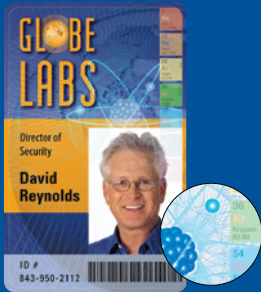
Custom High Secure
Holographic OVERLAMINATE
The ultimate in holographic overlaminate protection.
- An extremely formidable, multi-layered solution.
- Leverages up to eight customizable VSEs to produce a complex, fraud-resistant ID card.
- Recommended for government, transportation industries and high-level corporate applications.

Holographic Overlaminates
Added visual protection and durability for your ID cards.

A photo ID printed on a plain white plastic card has virtually no defense against counterfeiters. It's all too easy, using today's digital technology, to forge legitimate-looking IDs. But a FARGO Holographic Overlaminate gives an ID card a high level of protection by adding Visual Security Elements (VSEs) that are extremely difficult to forge, yet easy to authenticate.

An overlaminate also makes cards more resistant to everyday wear and tear. Give the ID cards that protect your organization formidable protection of their own, with a FARGO Holographic Overlaminate.

Which Holographic Overlaminate is right for your organization?

	Holographic Overlaminates		
	Secure	**High Secure**	
Security Level:	Secure	High Secure	
Minimum Order:	■ 50 rolls ■ PolyGuard: 250 images per roll ■ Thermal Transfer Film: 500 images per roll	■ 50 rolls ■ PolyGuard: 250 images per roll ■ Thermal Transfer Film: 500 images per roll	
Lead Time:	8-12 weeks	8-12 weeks	
Final Design Resolution:	600 dpi	1200 dpi or greater	
Graphics Detail Level:	■ Medium detail graphics ■ Supports a high level of design complexity with a kinetic movement	■ Ultimate detail graphics ■ Allows you to have visual security elements like Flip Images and the maximum amount of design complexity and high resolution	
Image Location:	Registered or random image placement	Registered image placement	
High Secure Visual Security Element Options:	No	**Overt:** ■ 2D & 3D Ribbon ■ Fine Line Design/ Guilloche ■ Flip Images ■ Morphing Images ■ Pseudo Color	**Covert:** ■ Micro Text ■ Laser Viewable Text **Forensic:** ■ Nano text

Visual Security Elements (VSEs)
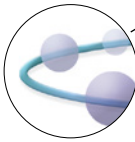## For Custom High Secure Holographic Overlaminates

The building blocks for a counterfeit-resistant ID card.

By adding one or more of these VSEs, personalized to your organization's custom overlaminate design, you immediately increase your protection against ID card counterfeiting and tampering.

The holographic imagery shown here is an example of a custom high secure overlaminate. The image is also registered on the ID card which ensures that it will appear in the same position from card to card. The result? An ID card that is extremely difficult to forge, yet easy to verify.

Custom Laser Viewable Text
(Not shown on example card)
One of our most sophisticated, covert VSEs available. This invisible alphanumeric type can only be viewed with a laser, making it ideal for high-level security applications where verification of authenticity is mission-critical. In this inset example, the word AUTHENTIC is repeated within the holographic artwork.

Custom Nano Text
(Not shown on example card)
Viewable only under high-powered magnification, a string of microscopic alphanumeric type is strategically placed within the thin lines of an art element. This inset example image contains the word "VALID." Note that designated areas have specific typographic errors, (VALDI). This provides one more level of covert detail to assist in verification of authenticity.

Custom Micro Text
This microscopic type is so detailed, it cannot be duplicated via dye-sublimation, ink jet or laser printers. Here, "GLOBE LABS CLASSIFIED" is placed in a designated area within the fine line design (Guilloche). This is an excellent covert feature for authenticating an ID.
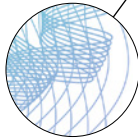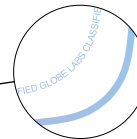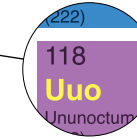
Custom Morphing Images
Morphing Images consist of graduating images which give the illusion of animation. This effect is very time-consuming and difficult for ID card counterfeiters to duplicate. In this example image, the electrons morph on a path simulating rotation around the nucleus.
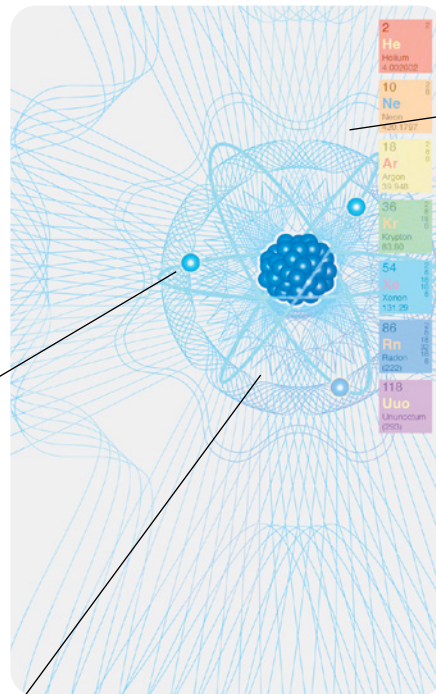
Custom Pseudo Color
An effective and attractive element that is difficult to duplicate, yet very easy to verify. Tilt the card one way, and you see metallic, holographic tones in your image. Tilt it again and you see saturated, true colors along with atomic numbers and other details. In this example image, the card is angled to show the many varying bright colors of the noble gases from the periodic table.

Custom Fine Line Design (Guilloche)
When viewed at certain angles, these complex fine lines give the illusion of motion. Too small to be effectively reproduced on desktop printers, these lines and patterns can be easily verified by the naked eye with a simple turn of the card. In the example image above, the lines appear to move around the globe and have clockwise and counter-clockwise movement.

Custom High Secure Example Image
Use these examples to help create your own custom high secure overlaminate.

Custom 2D/3D Ribbon
(Not shown on example card)
Provides a complex background image, yet requires no special lights or readers to verify. The detailed artwork is a combination of sophisticated two- and three-dimensional flowing ribbons. In this example image, the 2D/3D Ribbon interacts and integrates with the other visual security elements, providing full image coverage over the entire card.

Custom Flip Image
(Not shown on example card)
This VSE provides a sophisticated level of animation that is extremely difficult to duplicate. It features left/right, top/bottom or any combination of opposite-facing artwork. In this inset example, the small globe flips from Eastern Hemisphere to Western Hemisphere when the card is angled.
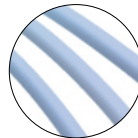
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