

ToPay



METAL CARDS

A LUXURY TOUCH FOR
SPECIAL CLIENTS

TOPPAN
TOPPAN Security



TOPPAN Security is a global leader in systems integration and solutions, specializing in mission-critical identity and payment technologies. Being a subsidiary of TOPPAN Next, TOPPAN Security is serving as the international development arm of the TOPPAN Group in the security domain. Founded in 1900, TOPPAN (7911:TYO) is a respected Japanese brand known for exceptional quality. With heart, bold ideas, and a deep understanding of government and banking customers, TOPPAN's mission is to create a meaningful, technology-facing future together.

We harness collaborative intelligence to deliver solutions that meet the highest standards of security, quality, and effectiveness. Focused on delivering advanced solutions for the identity and payment sectors, we provide everything from secure document and card manufacturing to advanced encryption and biometric systems. By partnering with governments and businesses, TOPPAN Security consistently pushes boundaries, exceeds expectations, and sets global standards, delivering cutting-edge solutions that transform citizen experiences and drive innovation worldwide.



The TOPPAN Security Metal Card portfolio aims to differentiate you from the competition by providing your customers with high-quality, luxurious cards.

Our metal cards are designed to meet the needs of all our customers, ranging from base cards with a metal core to full-metal cards featuring special elements such as diamonds or unique finishes. These options allow you to choose the right product for the right customer and scale. Metal cards are valued not only for their premium appearance but also for their ability to enhance customer loyalty to your brand.



VISA

mastercard

UnionPay
银联

+ Various Local Schemes

PRODUCT COMPOSITION

METAL CORE CARD

Metal Core cards feature a solid metal layer instead of an insert. Without the faint outline of metal inserts, this design allows greater flexibility for fully customized printing. Stylish, durable, and cost-effective, it offers the perfect balance of quality and affordability.

HYBRID METAL CARD

Our Hybrid Metal cards are split into two halves, combining the sleek metal sheen of stainless steel on one side with fully customizable PVC on the other. This design offers the best of both worlds at a more accessible price point than Full Metal cards.

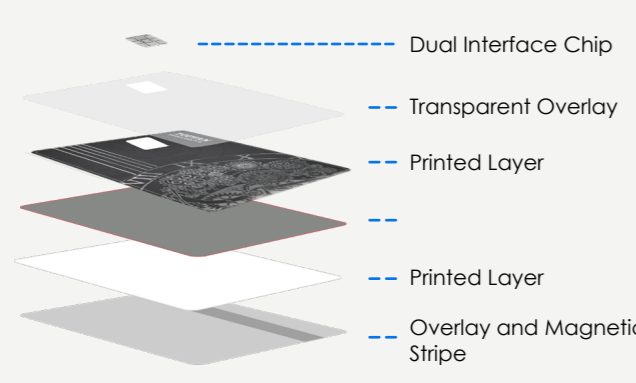
FULL METAL CARD

The most luxurious of cards, Full Metal cards feature metal on both the front and back, designed exclusively for VIP customers. A blend of aluminum and bronze enhances the card's premium quality, with options such as diamond embedding to offer clients the most exclusive cards.


KEY BENEFITS

- ✓ Durable and high-quality material
- ✓ Nice look & feel due to metal surface and heavy weight
- ✓ Create customer loyalty and increase brand value
- ✓ Highly customizable (diamonds, engravings, etc.)
- ✓ Wide range for all scenarios

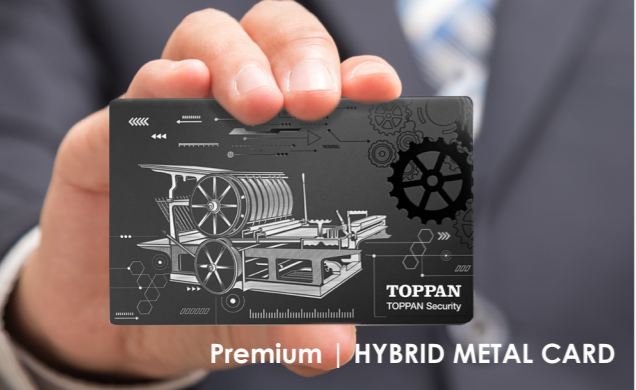
METAL CARD LAYERS



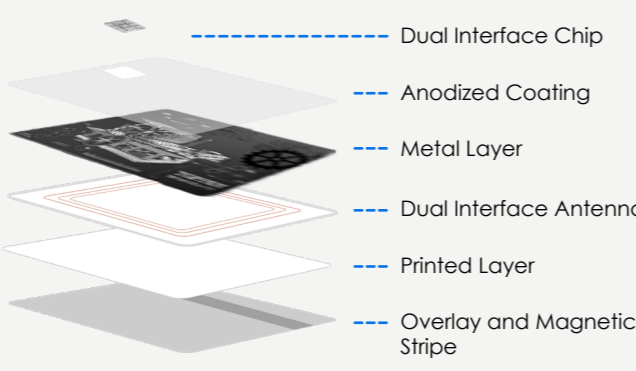
- Dual Interface Chip
- Transparent Overlay
- Printed Layer
- Printed Layer
- Overlay and Magnetic Stripe



Basic | METAL CORE CARD



Premium | HYBRID METAL CARD



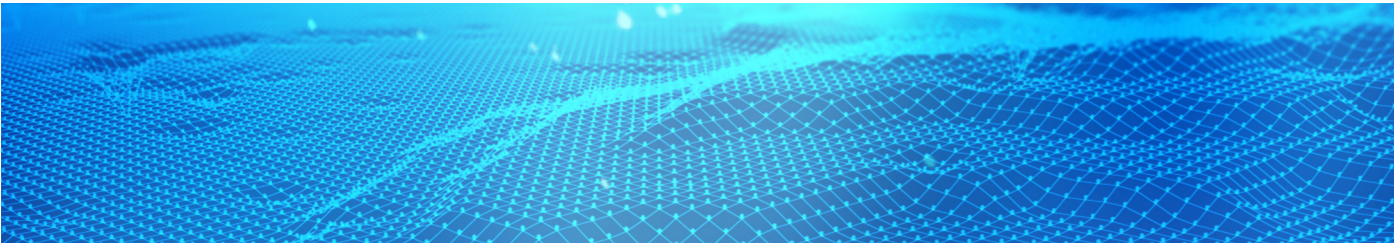
- Dual Interface Chip
- Anodized Coating
- Metal Layer
- Dual Interface Antenna
- Printed Layer
- Overlay and Magnetic Stripe



- Dual Interface Chip
- Anodized Coating
- Metal Layer
- Contactless Inlay
- Metal Layer
- Anodized Coating and Magnetic Stripe



Luxury | FULL METAL CARD



METAL CARD TYPES

Below, you will find the card specifications for the Full Metal, Hybrid, and Metal Core cards. While all three types serve as status symbols, they differ in card materials, weight, and structure.

TYPE	CONTACT TYPE	METAL	METAL ON EDGE	CHIP REFERENCE	WEIGHT (G)
FULL METAL	DIF (Dual)	Stainless Steel	Y	UBJ31-G28/G34	20+
HYBRID METAL	DIF (Backside)	Stainless Steel	Y	UBJ31-G28/G34	16-18
METAL CORE	DIF (Dual)	Stainless Steel (Inside)	Y	SecoraPay	13-14

DESIGN FEATURES		METAL CARD TYPES					
		METAL CORE		HYBRID METAL		FULL METAL	
		FRONT PVC	BACK PVC	FRONT METAL	BACK PVC	FRONT METAL	BACK METAL
STANDARD	Silk Screen	•	•		•		•
	Matt	•	•	•	•	•	•
	Glossy			•	•	•	•
	Transparent PVC	•	•				
	Colored Magstripe		•		•		•
SPECIAL	Tactile Effect	•	•		•		
	Bejeweled			•		•	•
	LED					•	•
	Laser Engraving			•	•	•	•
	Mechanical Engraving (CNC)			•			•
	Colored Edge						



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