



PAYMENT CARDS

SECURE PAYMENT IN A
GLOBALIZED WORLD

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Secure Payment in a Globalized World



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.

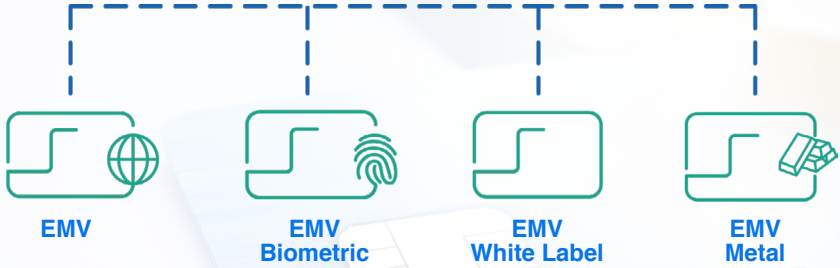
TOPPAN Security offers a complete range of state-of-the-art, premium-quality payment cards and other form factors that feature cutting-edge technology.

In this fast-paced era, secure cards are of utmost importance in the payment and banking sector. Due to their convenience and security, card payments have almost replaced cash transactions. As a certified Mastercard, Visa, UnionPay, and Verve card manufacturer and personalization bureau, TOPPAN Security is dedicated to serving banks and financial institutions with all their payment card requirements.



PAYMENT CARDS

Customers can choose from various card technologies, such as basic magnetic stripe cards, contact chip cards, to dual-interface and biometric cards. While being fully compliant with the industry standards, we provide personalized artwork as well as special security and design features to elevate the end user's experience.



KEY BENEFITS

- ✓ Various Material Choices
- ✓ Advanced Technologies
- ✓ Innovative Design Features
- ✓ State-Of-The-Art Security Features
- ✓ Fully Customizable Cards
- ✓ Secure Card Manufacturing in our Cutting-edge Facilities
- ✓ Reliable Quality Control
- ✓ Own Quality Assurance Laboratory
- ✓ Project Consulting
- ✓ In-House Card Design
- ✓ Card / PIN Personalization
- ✓ Managed Services
- ✓ Customized Fulfillment Options
- ✓ Secure Logistics
- ✓ Customized Card Solutions



Our PVC card range allows for various **design features**, including hot stamping, blind notch die cuts, and colored edges. These highly versatile cards are ideal for a variety of printed design applications, such as **tactile finishes**, **pearlescent effects**, **metallic inks**, and **fluorescent ink** applications, and they are available in both white and colored PVC.



The **OXYGEN cards** were created with a keen focus on reducing their environmental impact compared to conventional PVC cards. The primary component of the card body is made from materials that are recyclable, renewable, or recycled, including recycled PVC, recycled PETg, and PLA.



Our **metal cards** are designed to meet the requirements of every customer, ranging from our base card with a **metal core** to **full metal cards** with various special feature options, such as diamonds or special finishes. The various options allow for selecting the right product for the right customer and the right scale.



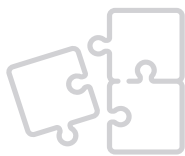
Offering a new level of security and convenience, **BioTap cards** set a new benchmark for seamless financial transactions. Thanks to advanced **fingerprint authentication**, our biometric cards eliminate the need for PINs and provide unparalleled protection against fraud and theft. With a state-of-the-art fingerprint sensor, they ensure easy and accurate fingerprint recognition.



PAYMENT CARD OPTION

Technologies	Materials	Design Features	Security Features	Solutions	Expert Services
<ul style="list-style-type: none">MagstripeContactContactlessDual-InterfaceHybridBiometric	<ul style="list-style-type: none">Standard PlasticsEco-Friendly PlasticsPaper CardDurable Metals	<ul style="list-style-type: none">Colored Core PVCHolographic PVCTransparent PVCHot StampingColored MagstripeSpecial Die ShapeTactile EffectAromaticBejeweled	<ul style="list-style-type: none">UV PrintingHolograms	<ul style="list-style-type: none">Central IssuanceInstant Issuance	<ul style="list-style-type: none">ConsultingDesigningPersonalizationPIN PersonalizationManaged ServicesFulfillment

CARD MANAGEMENT SYSTEMS



In addition to manufacturing cards and secure documents for the payment and banking sector, TOPPAN Security offers sophisticated payment and banking solutions. As an end-to-end card solutions provider, we manage everything from card manufacturing and issuance to their management and enrollment.



KEY BENEFITS

- ✓ Comes with **preloaded payment schemes profiles and issuance scripts**
- ✓ Solution **certified by PCI / DSS, and all major payment schemes**
- ✓ **Flexible licensing module**
- ✓ **End-to-end support** from solution design, through to production and installation
- ✓ **Ease of use** through basic production mode
- ✓ **High modularity** allows **full customization** according to customer's needs
- ✓ **Efficiency and robustness** for high volume card issuance
- ✓ **Proven track record** thanks to more than 10 years operational experience

TOPPAN Security's Central Issuance System is an end-to-end, high-volume card issuance solution for EMV cards. It includes sophisticated data preparation systems integrated with Hardware Security Modules (HSM) for secure key management. In addition, it can generate Personal Identification Numbers (PIN) and mailers.



KEY BENEFITS

- ✓ Solution **certified by PCI / DSS, and all major payment schemes**
- ✓ **Ease of use** for bank officer
- ✓ **High security level** thanks to direct card issuance and delivery
- ✓ **Reduced logistics costs** due to no card and PIN shipment
- ✓ **Great customer experience** by enrolling and getting the card at the same time
- ✓ **Proven track record** thanks to more than 10 years operational experience

Our Instant Issuance Solution enables banks to provide customers with fully personalized payment cards on the spot, personalized in real-time at the branch level. It instantly generates the EMV data and drives the personalization device to encode secure card elements, such as the magnetic stripe, chip, and graphical elements.

EXPERT SERVICES



Businesses and service providers trust us with the delicate mission of outsourcing their cards' and documents' operations from concept to delivery. We have accommodated most of our clientele with comprehensive and flexible solutions far beyond secure printing, such as secured stock management, warehousing, and end-user delivery services.



- Proposal and recommendations for **tailored cost-effective solutions**
- **Benchmark technologies assessment and application** to customers' needs
- **Trainings** on products, services and new technologies



- **Customizable** designs for all solutions
- **High-qualified and creative in-house designers**
- **Innovative and cutting-edge designs**



- **Certified PCI/DSS Personalization bureau**
- Personalization of **all payment & banking cards**, from a **single product to large batches**
- **Certified to personalize and deliver PIN mailers**



- **Facilitated issuance process**
- **Installing minimum equipment** at bank and authority site, while **keeping the data preparation within Toppan Gravity's secure** production environment



- **Large variety of customized creative designs of fulfillment packaging:**
 - + BOPP wrapping
 - + Vinyl & J-hook packs
 - + Card cases
 - + Eco-friendly card carrier
 - + A4 card carrier with envelope
 - + Customized card carrier
 - + Flexi card case
 - + Perforated card carrier



- **Covering the complete logistics cycle for all our customers' products.**
 - + On-time deliveries
 - + Deliveries through secured vehicles
 - + High security card stock maintenance & vaults
 - + Secure packaging
 - + Door to door delivery to end users
 - + Perforated Card Carrier

