


ToPay



# PAYMENT CARDS

SECURE PAYMENT IN A  
GLOBALIZED WORLD



# ***Secure Payment in a Globalized World***





**Toppan Gravity offers a complete range of state-of-the-art, premium quality payment cards and other form factors, featuring cutting-edge technology.**

In this swift day and age, secure cards are of utmost importance in the payment and banking field. Because of its convenience and security, payment by card has almost taken over cash transactions. As a certified Mastercard, Visa, UnionPay and Verve card manufacturer and personalization bureau, Toppan Gravity is dedicated to serving banks and financial institutions with all their payment card requirements.



mastercard

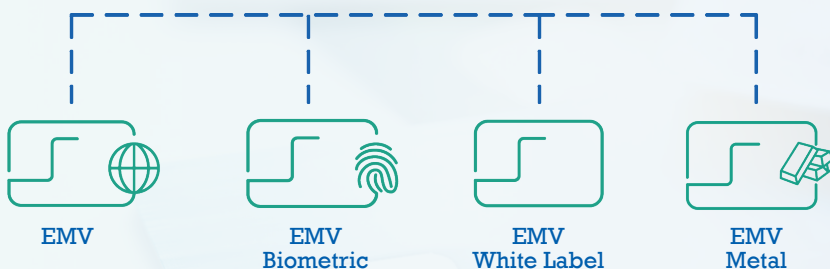


+ Various Local Schemes

## 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 artworks 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



Toppan Gravity offers **highly secure EMV** (Europay, Mastercard and Visa) compliant cards that ensure swift, dependable and secure payment transactions. In addition, our EMV chip platforms can accommodate other smart card applications which can be used in various industries, such as retail, transport, and identification.



Our **cutting-edge biometric cards** use **fingerprint authentication** to allow highly secure and PIN-less monetary transactions. They are the safest and most convenient type of banking cards, since they virtually eliminate any chance of fraud and theft.



Toppan Gravity's **white label cards** are **off-the-shelf private-label payment cards** used domestically where closed-loop card issuers benefit from having total control over their payment networks. Toppan Gravity provides payment networks with the experience and expertise to seamlessly deploy their **EMV Common Payment Application (CPA)** cards.



Our **metal cards** are designed to cover the requirements of each and every customer – starting from our base card with a **heavy core, to full metal cards** with various special feature options, such as diamonds or special finishing. The various options allow for choosing the right product for the right customer and the right scale.



## PAYMENT CARD OPTIONS

### Technologies

- Magstripe
- Contact
- Contactless
- Dual-Interface
- Hybrid
- Biometric

### Materials

- Standard Plastics
- Eco-Friendly Plastics
- Paper Card
- Durable Metals

### Design Features

- Colored Core PVC
- Holographic PVC
- Transparent PVC
- Hot Stamping
- Colored Magstripe
- Special Die Shape
- Tactile Effect
- Aromatic
- Bejeweled

### Security Features

- UV Printing
- Holograms

### Solutions

- Central Issuance
- Instant Issuance

### Expert Services

- Consulting
- Designing
- Personalization
- PIN Personalization
- Managed Services
- Fulfillment



# CARD MANAGEMENT SYSTEMS



On top of cards and secure documents manufacturing for the payment and banking field, Toppan Gravity offers sophisticated payment and banking solutions. As an end-to-end card solutions provider; we manage everything from the manufacturing issuance of the cards to their management and enrollment.



## CENTRAL ISSUANCE

Toppan Gravity's Central Issuance System is an **end-to-end high volume card issuance solution for EMV cards**. It covers 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

- ✓ 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



## INSTANT ISSUANCE

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

## 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

# 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.



CONSULTING

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



DESIGN

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



PERSONALIZATION

- **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**



MANAGED SERVICES

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



FULFILLMENT

- **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



LOGISTICS

- **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





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