



**THAMES
TECHNOLOGY**
A PARAGON ID COMPANY

YOUR TRUSTED PARTNER
FOR PAYMENT CARDS

METAL CARDS

Elevate your card game and add a new revenue stream opportunity with Thames Technology's innovative **Fusion Metal** and **Dual Metal Cards**, certified by Mastercard and Visa and setting the standard for luxury and functionality in payment solutions.

ELEMETAL



FUSION METAL CARD

FEATURES

- Ideal for mass affluent market applications, featuring a stainless-steel core with ultra-thin PVC layers for striking designs and branding
- Weighing 14 grams to offer a heavier feel and cool touch for an elevated experience
- Contactless functionality on both sides utilising AmaTech's patented "Slit" metal card dual interface technology, ensuring both style and convenience

OPTIONS

- Any colour digital print option including 'window to metal' designs and scratch-resistant coating
- Laser engraved personalisation on both sides
- Metal edges and coloured mag stripe or bleeding edge mag stripe for a seamless look



DUAL METAL CARD

FEATURES

- Crafted with a metal front and PVC layer on the reverse
- Weighing 22 grams for an unmatched tactile experience with a cooler touch
- Dual interface with contactless functionality on both sides for seamless user interaction using AmaTech's patented "Slit" metal card dual interface technology

OPTIONS

- Laser engraved personalisation on both sides and invisible mag stripe technology
- Versatile finishing options including brushed steel, PVD colour coating, tactile varnish, and UV silkscreen, ensuring a card as unique as your brand

GOLD CARDS

Elevate the status of your financial organisation and add an exclusive and jaw dropping card to your portfolio with the luxurious **18 karat solid gold** card, embodying unparalleled quality and prestige. Each card is meticulously crafted by Thames Technology, ensuring exclusivity and excellence with every detail.

Offer your high-net worth clients a tangible symbol of opulence together with the ultimate personalisation experience as their name and signature are elegantly engraved during the manufacturing process.

A premium product for your premium customers.



FEATURES

- 18 karat solid gold exclusively crafted by our team of experts
- Weighs an impressive 54g
- Contact only

OPTIONS

- Available in exquisite yellow or rose gold mirrored finishes
- Stunning designs and effects
- Laser engraved personalisation and scheme logo



RPVC CARDS

All our PVC cards are manufactured using recycled PVC (**rPVC**) as standard, offering a sustainable alternative without compromising on quality or functionality.

The process of creating our rPVC cards involves meticulous attention to detail, from sourcing recycled materials to implementing cutting-edge printing technologies and energy-efficient processes which minimise carbon emissions.



FEATURES

- Meeting all industry standards for security and functionality
- Resistant to wear and tear – a sustainable solution that doesn't sacrifice reliability
- Repurposing existing resources diverting them away from landfill and/or incineration
- Reducing demand for new raw materials
- Boasting premium performance, colour and overall appearance

CUSTOMISATION AND BRANDING

Our rPVC cards are highly versatile and customisable, and our designers are able to create unique designs that meet your specific requirements and incorporate your branding elements.

They maintain the high printing standards associated with traditional PVC cards, ensuring that your cards are not only sustainable but also impress your customers.

FINISHES INCLUDE

- Matt
- Gloss
- Edge printed
- Coloured core
- Glitters
- UV finishes



BOARD CARDS

Thames Technology is proud to offer one of the first Mastercard-approved pre-paid financial **paperboard cards** available on the market.

Cards are crafted from Invercote paperboard sourced from forests practicing reforestation, making them even more sustainable than conventional paperboard cards. The board material is produced at an **ISO14001** and **ISO9001** certified fossil fuel free mill with a zero-landfill policy.

With its premium look and feel and comparable rigidity and thickness to PVC, this environmentally friendly solution meets the rising demand for sustainable pre-paid options.

The financial board cards are designed exclusively for mag-only MasterCard badged prepaid cards with limited use.



FEATURES

- 100% recyclable and compostable to EN 13432 standard
- Swipe durability
- Bleached using Elemental Chlorine Free (EFC) process
- High brightness printing quality
- Conforming to ISO9706 requirements for performance

IDEAL FOR

- Compensation cards
- Open loop gift cards
- Event cards and more



BIOMETRIC

Give your customers the ultimate payment experience and create a new revenue stream opportunity with our cutting-edge biometric payment cards, in partnership with **IDEX Biometrics**. Our cards seamlessly merge convenience with security, ensuring swift transactions while safeguarding your customers' financial assets.

- Say goodbye to traditional PINs – with biometric authentication, the customer's unique fingerprint safeguards their transactions
- Ideal for people with a visual impairment or early onset memory loss
- Biometric cards integrate with existing payment infrastructure, making them accepted at millions of locations worldwide



FEATURES

- Biometric authentication
- Convenient contactless transactions
- Compatible with Visa and Mastercard payment terminals

BENEFITS

CONSUMERS

- Fast transactions – no PIN required
- Multi-layered authentication
- Accepted everywhere
- Works for both contact and contactless transactions of any amount

MERCHANT

- Faster check-out regardless of transaction amount
- Less friction and fewer declines
- Decrease in chargeback related costs

ISSUERS

- Increased usage and top-of-wallet effect
- Efficient customer acquisition
- Innovation leadership and staying ahead of the competition
- Lower false declines



DYNAMIC EVC

Experience the next level of card security with **EVC**[®] battery-free dynamic card security code technology, in partnership with Ellipse. This revolutionary solution replaces the traditional static CVV code with a built-in screen displaying a dynamic security code. This changes for each card-present transaction or when triggered through a mobile app, providing unparalleled protection against fraud and unauthorised transactions.



FEATURES

Dynamic CVV: The technology generates a unique CVV code for each transaction, to virtually eliminate card-not-present fraud

Eco-friendly: The EMV module is battery-free, making it a sustainable option

Seamless integration: Compatible with existing payment infrastructures, enabling easy adoption

BENEFITS

Fraud prevention: Reduces the risk of fraudulent activities, safeguarding both businesses and consumers

Enhanced trust: Builds customer confidence by providing advanced security measures, fostering long-term relationships

Wow-factor: Helping you to make your card the payment method of choice and set yourself apart from the competition



Thames Technology is one of Europe's largest and most trusted end-to-end partners for card issuers. Since being founded in 1994, we have grown in both size and stature, producing more than 250 million cards a year for customers in over 60 countries. In 2022 we became the first and only European manufacturer of prestigious metal cards approved by both Mastercard and Visa.

We are proud to offer a wide range of payment card products and services all under one roof to meet the needs of both your business and your customers. In addition, we also offer gift, membership, loyalty, ID, transit and access control cards.

OUR SERVICES INCLUDE

- Consultancy and concept
- Manufacturing
- Data and physical security
- Personalisation
- Ultra-secure packaging
- Fulfilment and logistics

SECURE PACKAGING AND FULFILMENT

We lead the way in tamper-evident sealed packaging to protect the security of financial cards. To ensure your cards reach the right people, we offer an automated fulfilment process supported by a team of hands-on specialists to push the boundaries of secure fulfilment.

SUSTAINABLE SOLUTIONS

At Thames Technology, we are committed to sustainability, which is underpinned by our ISO 14001 certification. To help you reduce the impact of your card scheme on the environment, we offer a broad range of the most environmentally friendly card materials without compromising on quality.

Certified by



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