Advantis

> " An evolution of our TRIO product, based on the latest technology available which allows for data sharing between MasterCard and Discover applications "

TRIO PLUS 2.9

The essence of payments

Index

Advantis

> *1.500 million cards issued in the world have the Advantis technology, with a strong presence in America and Europe*

Leadership and Reliability

> *35 years leading the payments industry as a processor and an acquiring network*

Advantis is a multi-application issuance solution EMV chip, which enables the processing of a financial transactions, through different smart devices.

Advantis Contactless provides a high level of service within environments in which transaction speed and secure data storage are key factors.

Advantis Contactless TRIO PLUS 2.9 is based on the latest microchip technology and state-of-the-art technology, incorporating 3 payment applications that allow sharing the data between the MasterCard and Discover payment applications to improve the operational efficiency.
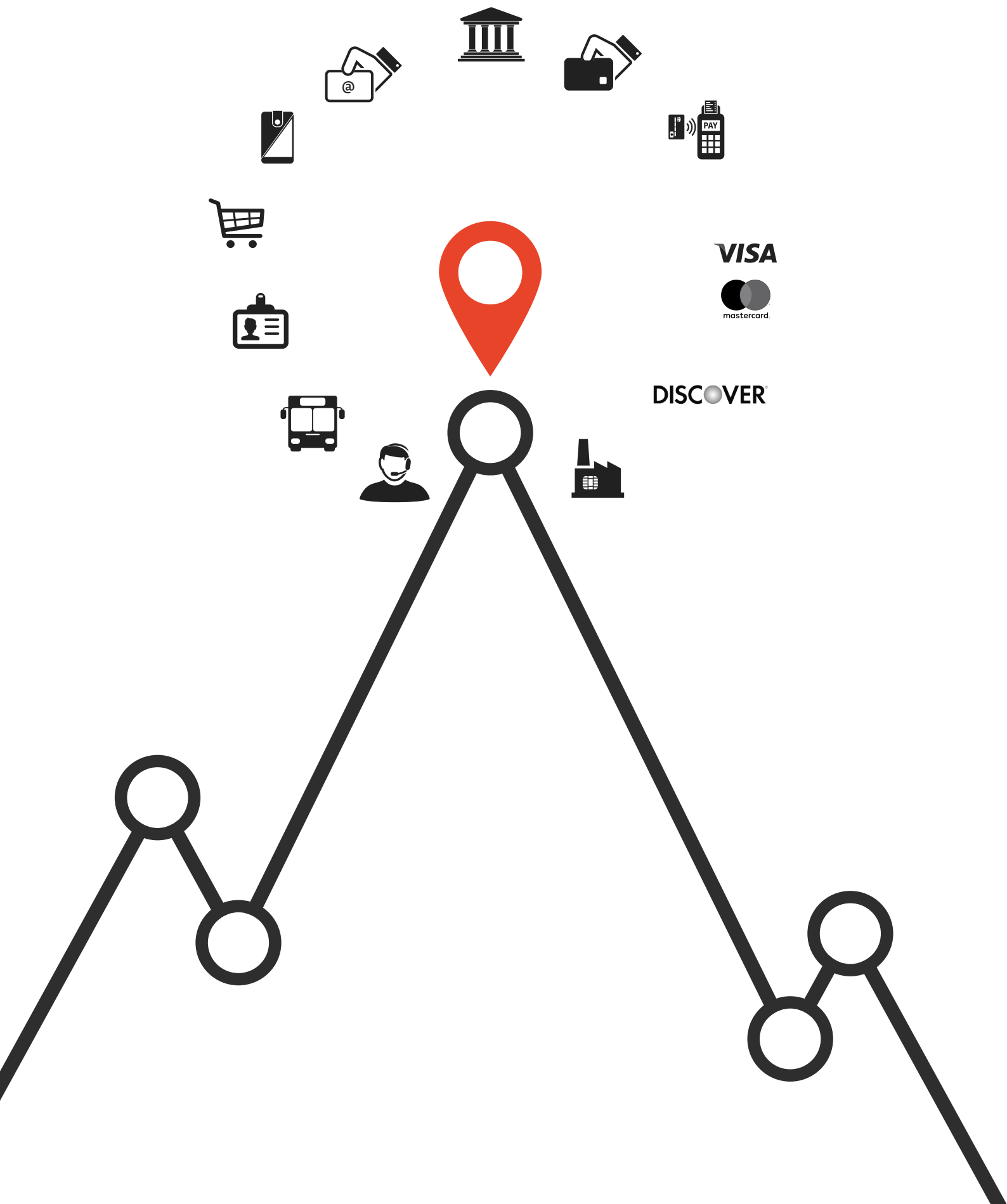
Advantages

> *Advantis Contactless TRIO PLUS 2.9 enables different configurations of the payment applications and adds new functionalities to the card*

Freedom of choice

> *Advantis Contactless TRIO PLUS 2.9 is an open platform available for different card manufacturers and personalizers, providing a more choice and a more competitive offer*

FLEXIBILITY

Advantis Contactless TRIO PLUS 2.9 brings flexibility to the issuer to address any new risk factor and it improves the operational efficiency by activating and deactivating card functionalites from a single payment application.

MULTI-APPLICATION

Advantis Contactless TRIO PLUS 2.9 includes the Visa, MasterCard and Discover applications in the same chip and allows to issuers to have a single technology with independence of the financial application.

MULTI-PROVIDER

The Advantis Contactless TRIO PLUS 2.9 operating system is compatible with numerous card manufacturers and personalizers, which mean card issuers are free to choose from a wider range of suppliers.

SUPPORT

Advantis Contactless TRIO PLUS 2.9 provides technical support throughout the lifecycle of the card. This includes: profile definition, brand certifications, update to the latest versions and responds to any incident.

CARD LOCK

CUSTOMIZED SOLUTION

PIN SHARING

CONTACTLESS INTERFACE DEACTIVATION

Features

> *The product allows share data between the MasterCard and Discover payment applications*

Differential elements

CUSTOMER SOLUTION
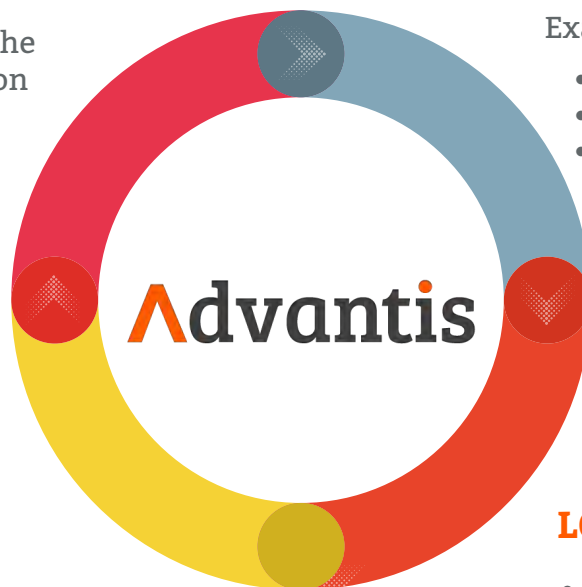
It enables the sharing of specific information (language, sex, age etc.) for a personalized relationship with the cardholder.

Examples of case uses::

- Personalized advertising
- Account preference
- Birthday greeting

PIN SHARING

- The use of a single PIN, regardless of the payment application that is used.

Advantis

LOCK / UNLOCK

- The capacity to quickly lock and unlock the card, without the need of doing this in each payment application.

CONTACTLESS DEACTIVATION

- Activate and deactivate the card´s contactless interface according to the issuer's requirements.

Specifications

Technical Specifications

TECHNICAL SPECIFICATIONS	
Operating System Technology	Advantis Contactless TRIO PLUS 2.9
Global Platfom	JavaCard 3.0.5 Classic Global Platform 2.2.1
NVM Flash memory	49 kbytes
Antenna	Inductive Technology-SPS
APPLICATIONS	
Visa	Visa Applet 2.9.2 (based on VIS1.6)
MasterCard	M/Chip Advance MCADDS v1.2.3
Discover	DPAS v1.1
Shared data	Multiaccess (Visa), Datasharing (MasterCard) Aliases (Discover)
CERTIFICATIONS	
Visa	6 September 2031
MasterCard	5 October 2024
Discover	7 May 2024
FEATURES	
EMV protocol	T=0 y T=1 contact protocol and Contactless=ISO 14443 Tipo A
Cryptography	DDA/CDA
CHIP FEATURES	
Chip	ST31P450 (40nm Flash technology)
Chip manufacturer	ST Microelectronics

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