



**Advantis**

“ An evolution of our TRIO product, based on the latest technology available which allows for data sharing between payment applications ”

## **TRIO PLUS**

**The essence of payments**

**[www.advantis.es](http://www.advantis.es)**



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# Advantis

Advantis Contactless TRIO PLUS

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

## Leadership and Reliability

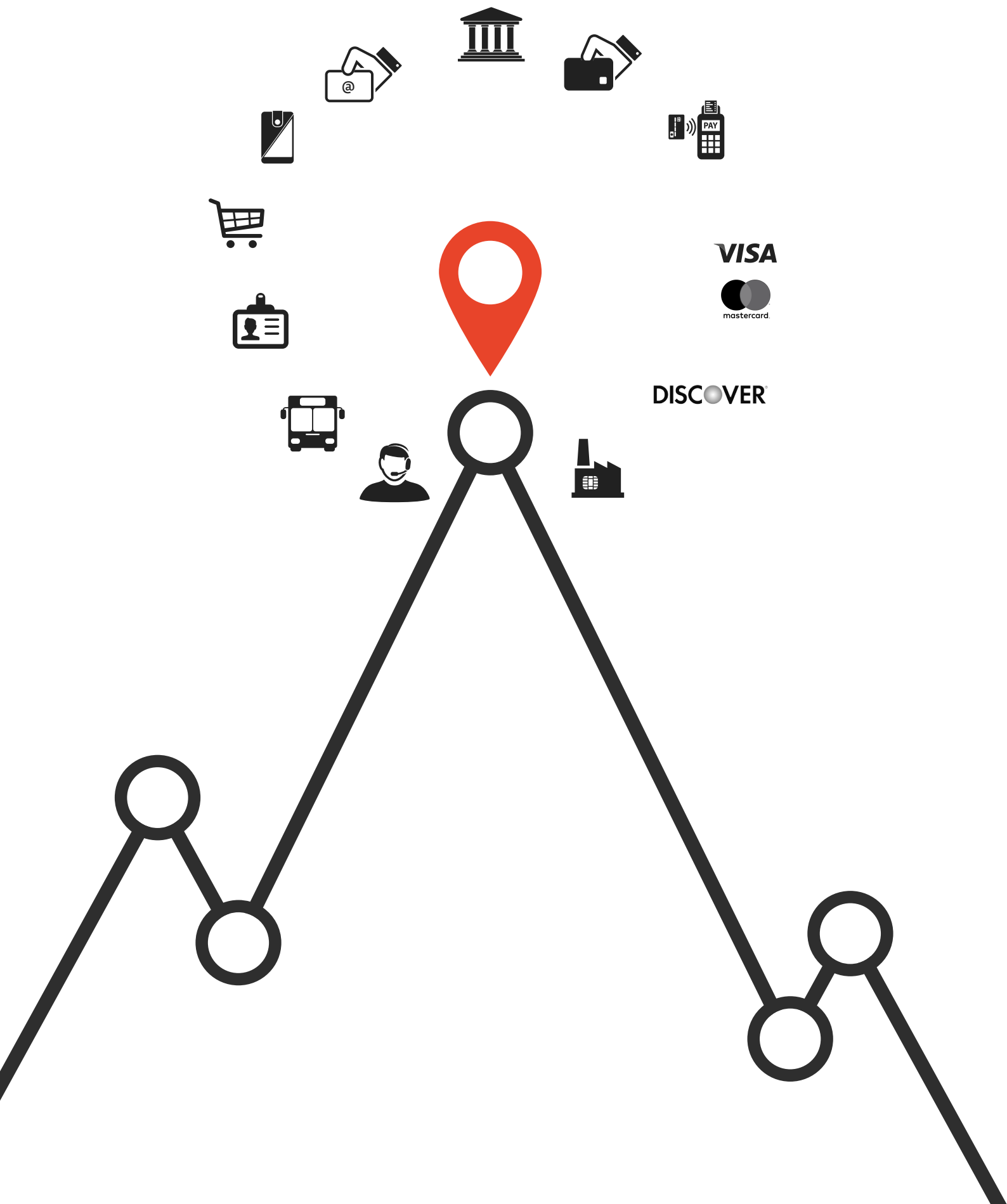


“ 35 years leading the payments industry as a processor and an acquiring network ”

**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** is based on the latest microchip technology and state-of-the-art technology, incorporating 3 payment applications that allow sharing the data between them to improve the operational efficiency



# Advantages

“Advantis Contactless TRIO PLUS enables different configurations of the payment applications and adds new functionalities to the card”

## Freedom of choice

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

### ○ MULTI-APPLICATION

Advantis Contactless TRIO PLUS 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 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 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**



**CONTACTLESS  
INTERFACE  
DEACTIVATION**

**PIN SHARING**



# Features

“The product allows share data between payment applications”

## Differential elements

### PIN SHARING

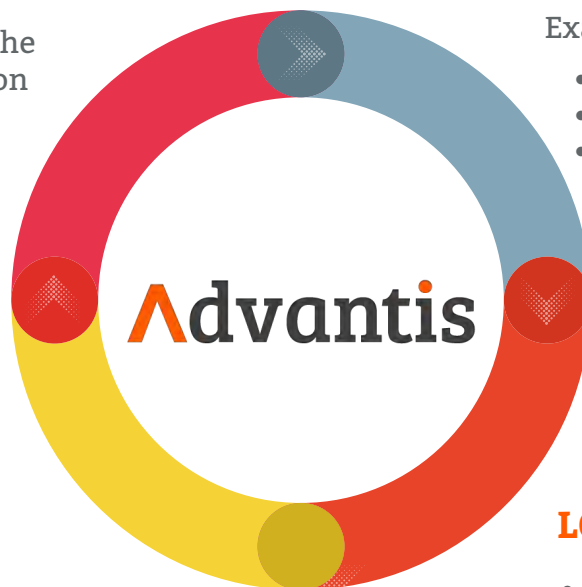
- The use of a single PIN, regardless of the payment application that is used.

### 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



### CONTACTLESS DEACTIVATION

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

### LOCK / UNLOCK

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





# Specifications

## Technical Specifications

### TECHNICAL SPECIFICATIONS

Operating System Technology	Advantis Contactless TRIO PLUS
Global Platform	JavaCard 3.0.5 Classic Global Platform 2.2.1
NVM Flash memory	18 kbytes
Antenna	Inductive Technology-SPS

### APPLICATIONS

Visa	VIS1.5.4 - VCPS2.1.3 (such as VSDC 2.8.1G1)
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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# The essence of payments



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