



Advantis

“Product developed on the new 28nm platform, more efficient and competitive which includes VISA, MasterCard and CPACE applications”

TRIO PLUS

A64

The essence of payments

www.advantis.es



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Advantis

“1,500 million cards issued in the world have the Advantis technology, with a strong presence in America and Europe”

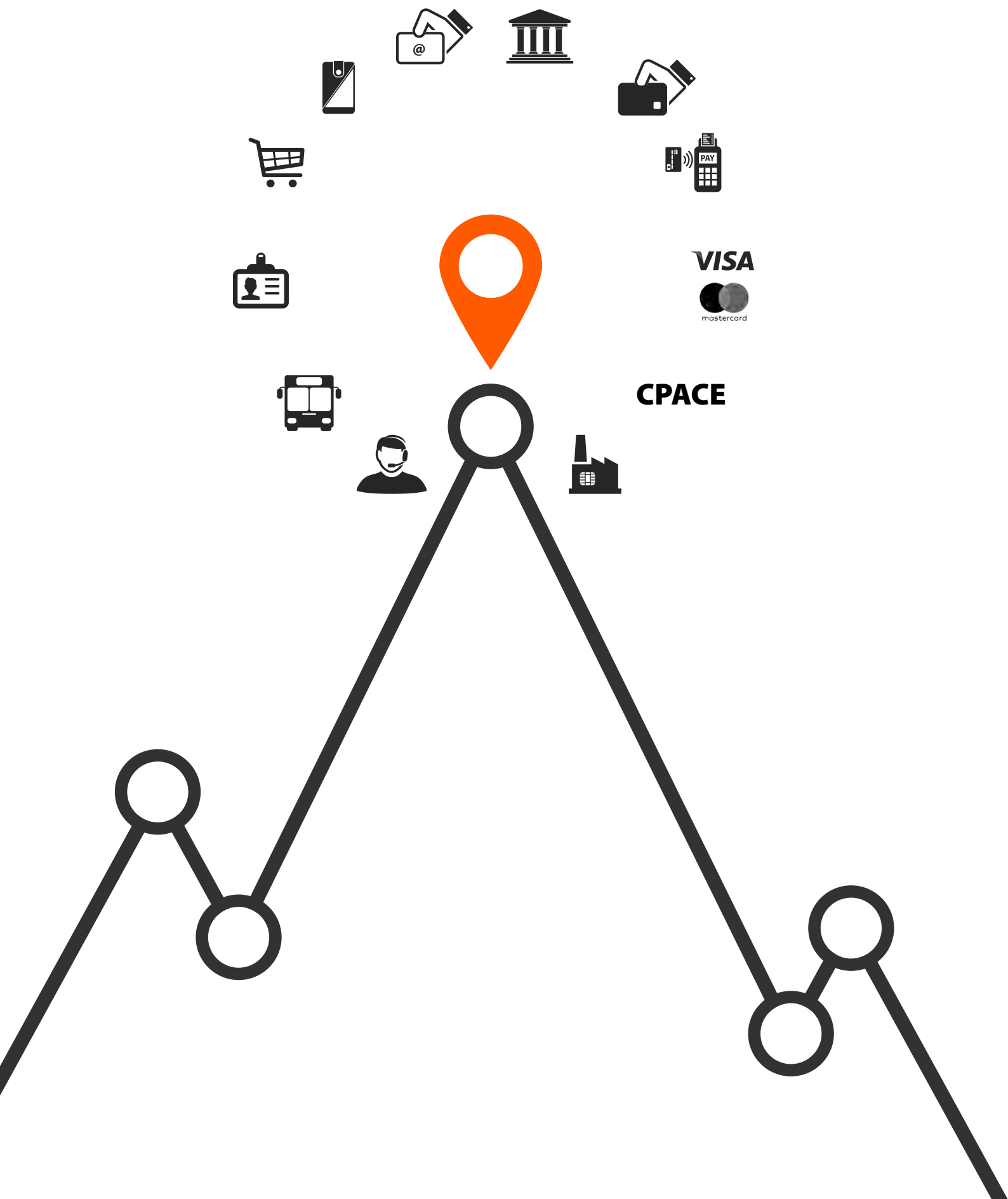
Leadership and Reliability

“Advantis is a high-security EMV chip that has been used in smart cards for over 30 years”

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 28 is based on the latest 28nm EMV chip technology. It includes the VISA and MasterCard payment applications for international environments and CPACE application for domestic uses.



Advantages

“ Allows payment in different environments international or domestic and and simplifies operations by sharing data between applications ”

Freedom of choice

“ **Advantis Contactless TRIO PLUS 28** is developed in a more optimized technology allows to offer a more competitive product at the same time while providing all the security of an EMV chip ”



○ **SIMPLICITY**

Advantis Contactless TRIO PLUS 28 is based on international standards Global Platform and CPS simplifying the product qualification process.

○ **MULTI-APPLICATION**

Advantis Contactless TRIO PLUS 28 includes the Visa, MasterCard and CPACE applications focused on private/domestic issuing in the same chip allowing to issuers to have a single technology regardless of the financial application.

○ **MULTI-PROVIDER**

The issuing Advantis technology is compatible with different suppliers: chips, antennas, perso bureaux providing a wider choice and competitive offer.

○ **SUPPORT**

We offer the client support throughout the qualification process providing manuals of personalization, profiles and a sample kit for testing.



CARD LOCK

**OPERATIONAL
FLEXIBILITY**



**CONTACTLESS
INTERFACE
DEACTIVATION**

PIN SHARING



Features

“The product allows data sharing between VISA or MasterCard payment applications and CPACE, depending on the payment environment”

Differential elements

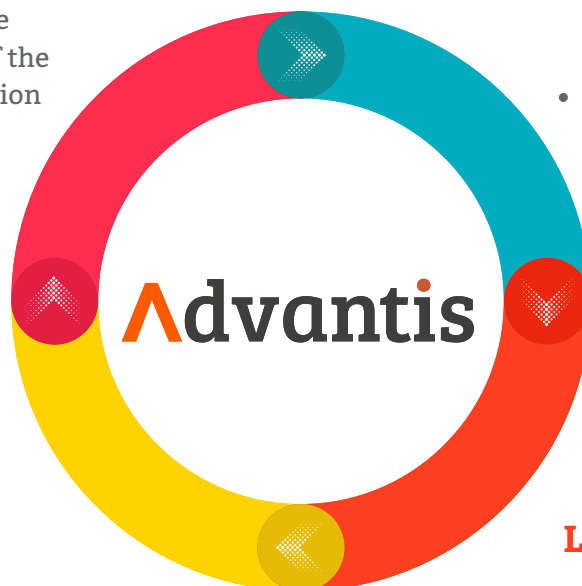
OPERATIONAL FLEXIBILITY

It allows the issuer to configure the payment application that best suits according to the operation:

- Using the CPACE application for issuing by domestic scheme or brand private.
- Using the VISA/MC payment applications if it is required international operations.

PIN SHARING

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



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.

CPACE Values



CPACE

“CPACE is a set of open specifications for card and mobile payments focused on domestic schemes and private labels”

Open specification which allows card issuers and domestic schemes to become independent from proprietary contactless applications currently available.

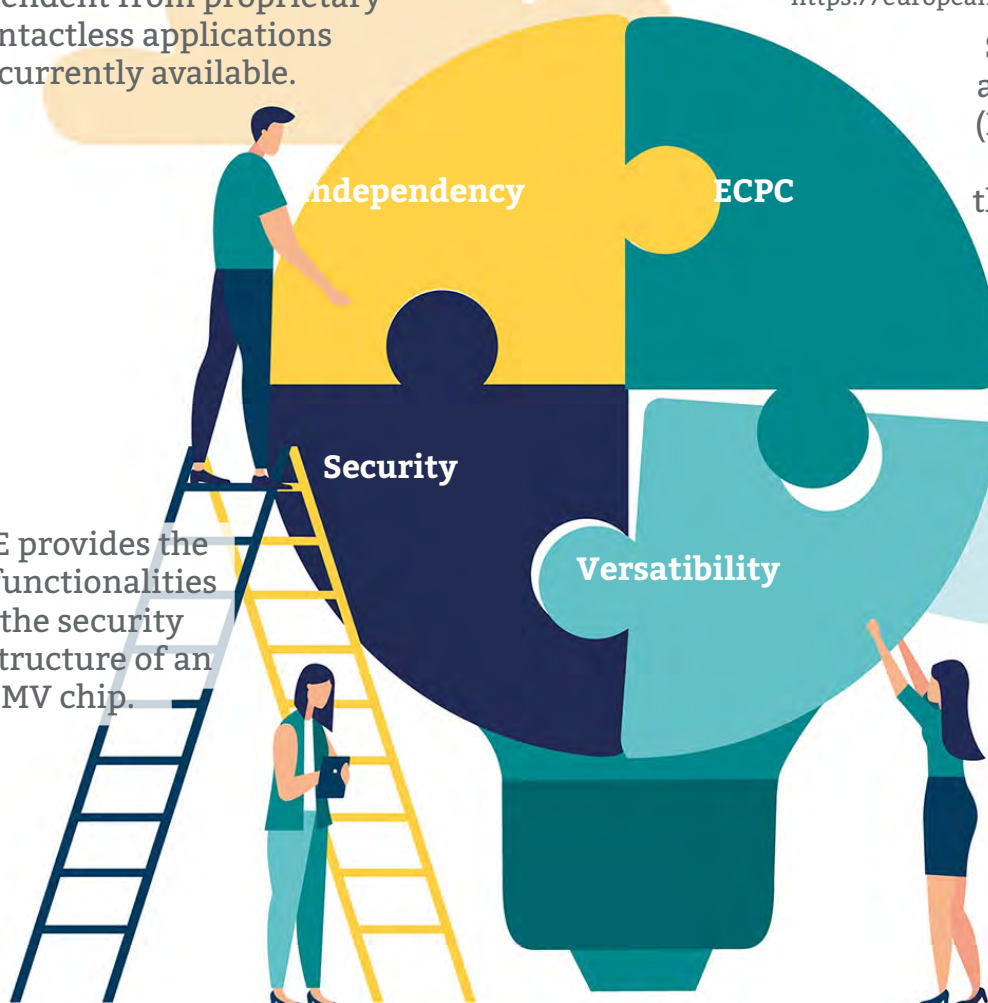


<https://europeancardpaymentcooperation.eu>

Specification developed and maintained by ECPC (European Card Payment Cooperation) based on the CPA contact standard plus a Contactless Extension for dual-interface cards.

The same CPACE specifications apply to different environments: cards, wearables and mobile.

CPACE provides the same functionalities and the security infrastructure of an EMV chip.



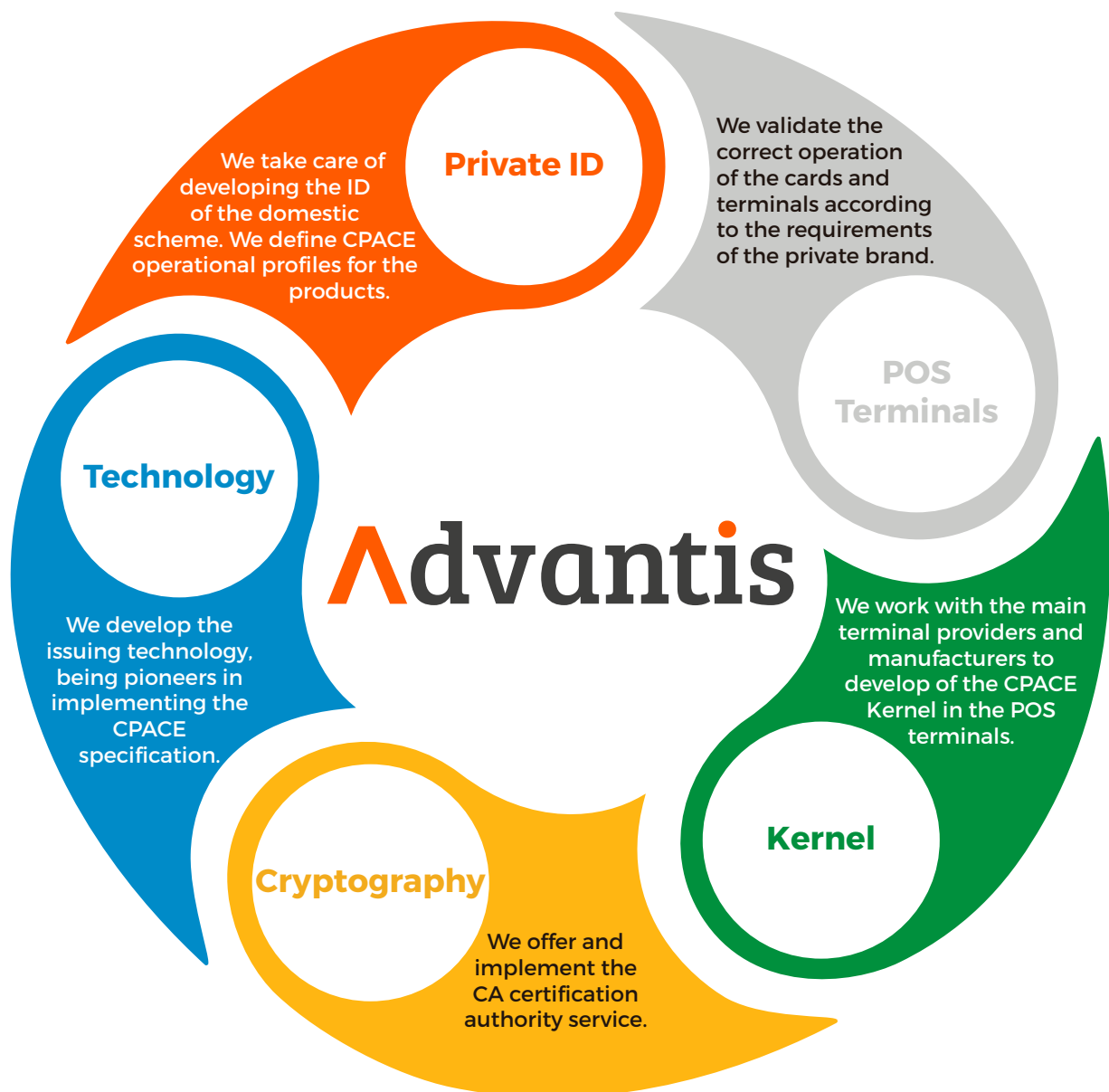


Nuestro Rol

“ We provide the know-how and the tools to make the transition to an independent payments ecosystem ”

Technical support throughout the value chain

How do we contribute?





Specifications

Technical Specifications

TECHNICAL SPECIFICATIONS TÉCNICAS

Operating System Technology	Advantis Contactless TRIO PLUS 28
Reference	ADV64
Global Platform	JavaCard 3.1 Classic Global Platform 2.3.1
Antenna	Coil On Module

APPLICATIONS

VISA	Advantis VISA Applet (VIS 1.5.4 VCSP2.1.3 MA2.1)
MasterCard	Advantis Mchip Advance MCADP v1.2.3
CPACE	Advantis CPACE DIC v1.0.
Shared data	Multiaccess (VISA), Datasharing (MasterCard)

CERTIFICATIONS

VISA	30 November 2034
MasterCard	10 May 2026

FEATURES

EMV protocol	T=0 y T=1 contact protocol and Contactless=ISO 14443 Tipo A
Cryptography	DDA/CDA

CHIP FEATURES

Chip	SLJ26P (28nm Flash technology)
Chip manufacturer	Infineon Technologies AG



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