

**Advantis**  
Contactless



“ *Contactless Evolution of the DUO product to the latest technology available based on personalization standard **CPS** and **JavaCard** platform* ”

**DUO PLUS** 

**The essence of payments**

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



# Index

Advantis 03

---

Advantages 05

---

Specifications 07

---





# 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 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 DUO PLUS** includes the VISA and MasterCard payment applications and it is based on a Javacard platform 3.0.5 and CPS personalization standard.

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



# Advantages

*“Provides simplicity and flexibility including the VISA and MasterCard applications in a same chip”*

## Freedom of choice

*“ Advantis Contactless DUO PLUS is an open platform available for different card manufacturers and personalizers, providing a more choice and a more competitive offer ”*



### ○ **SIMPLICITY**

Advantis Contactless DUO PLUS is based on standards international Global Platform and CPS facilitating the qualification of the product.

### ○ **MULTI-BRAND**

Advantis Contactless DUO PLUS includes the VISA application and MasterCard on a single chip and allows issuers have a single technology regardless of the financial application used.

### ○ **MULTI-PROVIDER**

The Advantis Contactless DUO 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 DUO 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.



**COIL ON MODULE  
PACKAGING**

**LONG LASTING  
SOLUTION**



**TIME-TO-MARKET:  
VISA & MASTERCARD**

**CPS PERSONALIZATION**



# Specifications

## Technical Specifications

### TECHNICAL SPECIFICATIONS

Operating System Technology	Advantis Contactless DUO PLUS
Global Platform	JavaCard 3.0.5 Classic Global Platform 2.3.1
Personalization	EMV CPS v1.1
NVM Flash memory	43 kbytes
Antenna	Coil on Module

### APPLICATIONS

Visa	VIS1.5.4 - VSDC 2.8.1G1
MasterCard	M/Chip Advance MCADP v1.2.3

### CERTIFICATIONS

Visa	April 3, 2032
MasterCard	May 18, 2025

### FEATURES

EMV protocol	T=1 contact protocol and Contactless=ISO 14443 Type A
Cryptography	DDA/CDA

### CHIP FEATURES

Chip	SLJ37 (40nm Flash technology)
Chip manufacturer	Infineon Technologies AG

**Advantis**



# The essence of payments



Redsys, Servicios de Procesamiento, S.L.  
Francisco Sancha, 12  
28034 Madrid, España  
Tel: +34 91 346 55 00 Fax: +34 91 346 54 44  
advantis@redsys.es · www.advantis.es