

Technical Cooperation ep2, March 24, 2020 (V.2.0)

ep2 Product Identification

This specification defines the requirements for ep2 Product Identification in eft/pos transactions.

With the introduction of the new products MasterCard Debit and Credit and Visa Debit and Credit, each with the same AID, merchants can no longer distinguish between debit and credit transactions. To allow a distinction / product identification from the chip, the ASRPD-ID = '0003' has been registered for issuers.

1 Applicability

The requirements in this specification are effective immediately.

2 Related Documents

- EMV Specification Bulletin No. 175, First Edition February 2016
- ep2 Specification V.8.0.0 or later
- ep2 Technical Newsletters TNL CR 433 for versions 7.1.0, 7.2.0 and 7.3.0.

3 Description

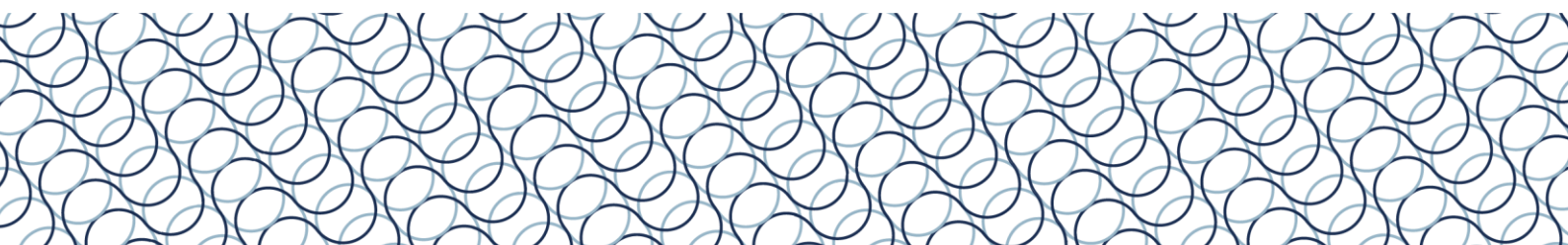
The Application Selection Registered Proprietary Data is a variable length data object with binary format and Tag '9FOA'. It is governed by EMVCo (EMVCo reserves the right to assign new IDs) and its source is the ICC. The usage of the data element is out of scope of EMVCo.

The value field of the Application Selection Registered Proprietary Data object follows the following format:

ID1, L1, V1, ID2, L2, V2, ...

Where:

- ID is a two-byte proprietary data identifier. Proprietary data identifiers are registered by EMVCo
- L is the length of the value field coded in 1 byte (0 to 255)
- V is the value field. Its content is proprietary and format is out of scope of EMVCo





Details concerning the location on the chip, see EMV Specification Bulletin No. 175, First Edition February 2016

The TeCo ep2 has registered ID = '0003' as ep2 Product Identification. The length and format for ID '0003' are defined below.

The usage of Application Selection Registered Proprietary Data containing the ep2 Product Identification is described below.

4 Electronic Product Identification

In the Application Selection Registered Proprietary Data (Tag '9FOA'), the **ID '0003'** for ep2 Product Identification is allocated to the Technical Cooperation ep2.

The Value Field for ID '0003' has a variable length of 1 to 5 bytes

The format of the Value Field is binary

The first byte is defined as follows:

Value	Meaning
,01'	Debit Product
,02'	Credit Product
,03'	Commercial Product
,04'	Pre-paid Product
All other values	Reserved for future use (RFU)

Bytes 2 to 5 are reserved for future use by the Technical Cooperation ep2 and if present, they shall be filled with '00' for the current version (not recommended).

Details concerning the usage in application selection, transaction processing, terminal initialization, interfaces and ep2 tag definitions see ep2 Specification V.8.0.0 and ep2 Technical Newsletters TNL CR 433 for versions 7.2.0 and 7.3.0 (Card Present / POS Terminals) as well as TNL CR 441 for versions 7.2.0 and 7.3.0 (e-Commerce).

