

AIPARK

Associazione Italiana tra gli Operatori
nel Settore della Sosta e dei Parcheggi



Smart**Mobility**World



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L'iniziativa EPA / IPIPS

International Parking Industries Payment Standards



INTERNATIONAL PARKING INDUSTRY
PAYMENT STANDARDS

SMART PARKING: SOSTA INTEGRATA E MOBILITÀ URBANA
LAINATE, 17 OTTOBRE 2016

Why do we need an e-payment initiative?



- **Complex technical problems in each member country**
- **The high cost of card payment processing**
- **Lack of interoperability**



Strategic objectives:

- 1. Promote a good understanding of the e-payment processes**
- 2. Develop a “VOICE” for the parking industry**
- 3. Develop a payment standard for the parking industry**
- 4. Promote adoption of the standard by operators and other stakeholders**



The e-Payments Working Group:

- **Brings together parking industry experts**
- **Is advised and led by a payment industry expert**
- **Has created 'use cases'**
- **Has achieved the first 3 strategic objectives**

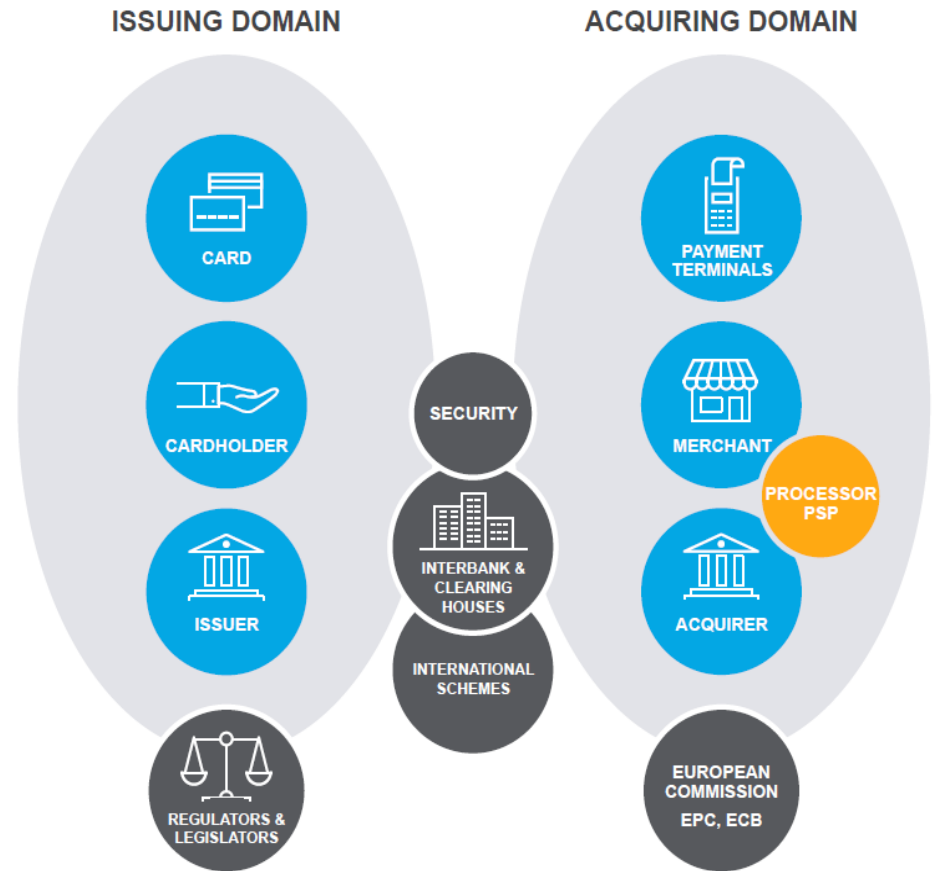
Objective 1: Promoting Understanding



The card payment industry is:

- **Complex**
- **Highly regulated**
- **Technical**
- **Constantly changing**

The Card Payment Landscape

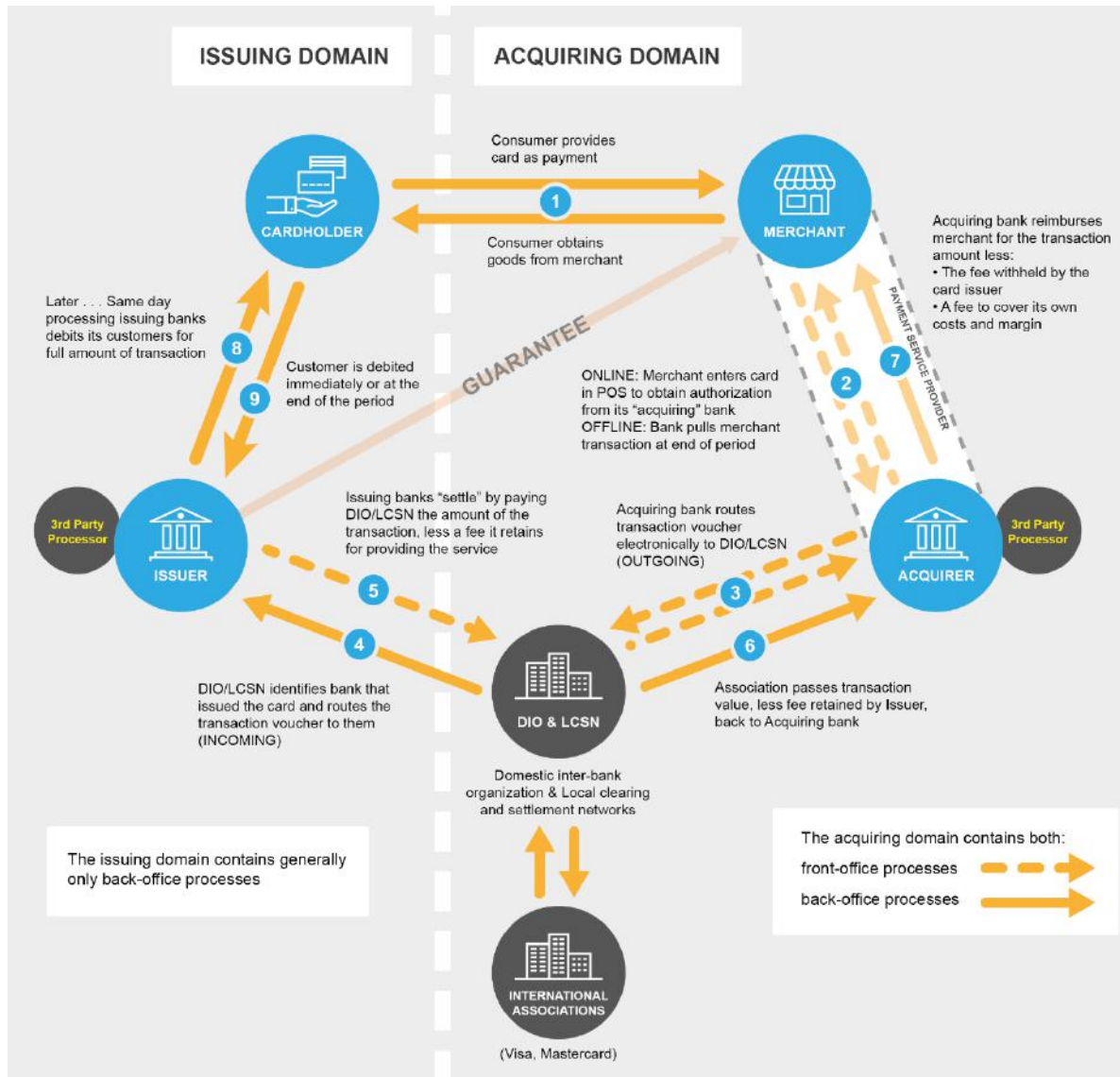


The European Parking Industry Payments Landscape:

A white paper to help operators understand the e-payment (card) ecosystem:

- **Summarises the interplay of forces in action in the payment world**
- **Highlights the regulatory and security demands**
- **Highlights the need for a “parking standard”**
- **Briefly describes the IPIPS standard**
- **Addresses new payment methods**

Promoting Understanding



Objective 2 : Developing a Voice



The e-Payments Working Group has:

- **Started a debate about Payments and Standards**
- **Held discussions with VISA & Payment industry (suppliers)**
- **Gained recognition of the needs of the parking industry**
- **A place on the European Payments Council**

Objective 3: The need for Standards



A fully developed payment standard can help operators move confidently into the future:

Issue	Opportunity
In car payment	Standard payment interfaces ensure cars can pay at majority of car parks
Aggregators/3rd party apps	Standards will allow car parks to receive payments easily & ensure maximum choice
Pay by mobile expansion	Pay by mobile/app providers will be able to pay for their customers at most car parks (IPIPS will enable operators to accept payments from any payment provider)
Multi Modal journey planners	Operators will be able to accept payments from any planner app

The IPIPS Standard



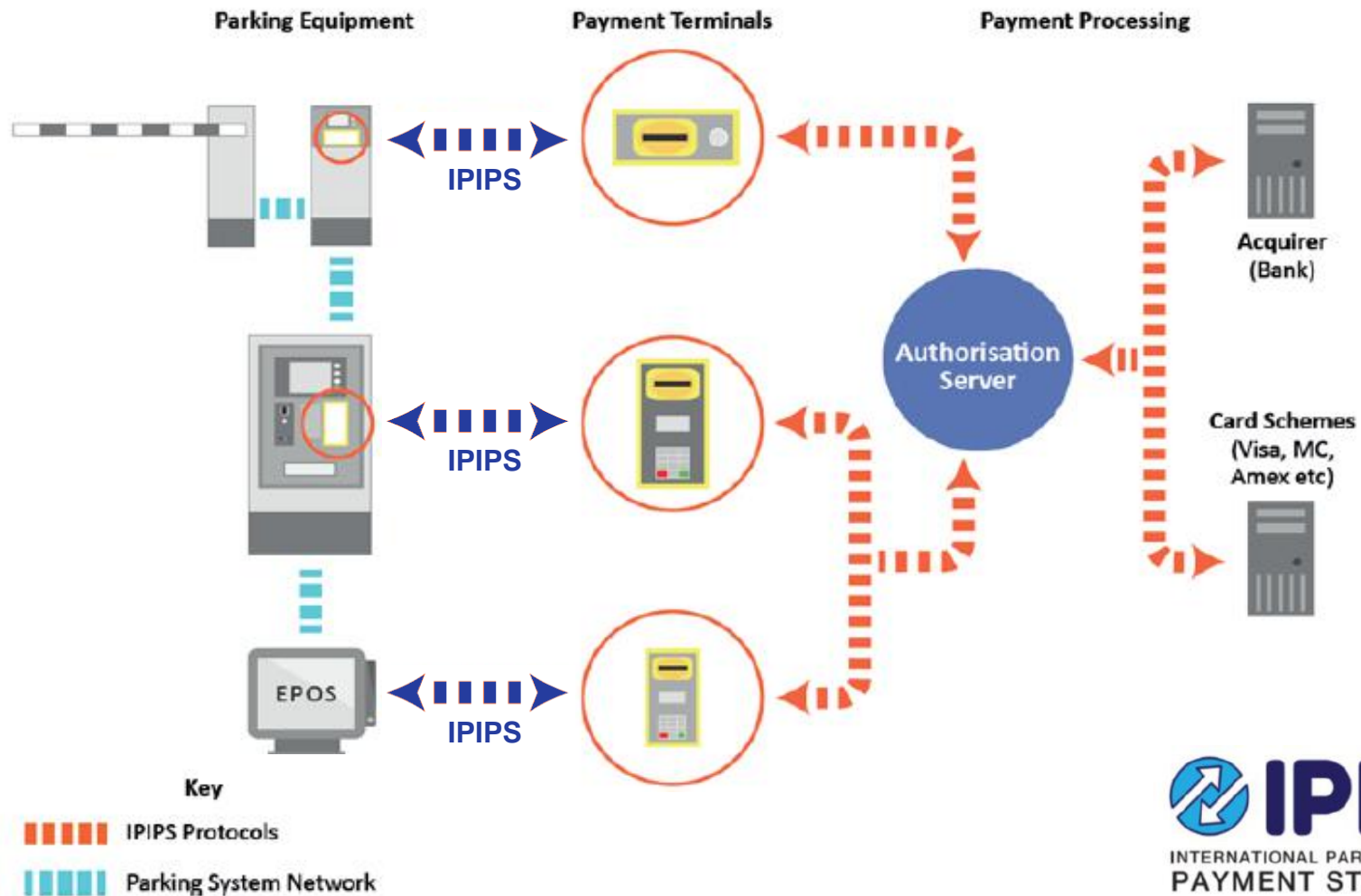
- **A development of IFSF existing standards & protocols**
- **Adapted to the use cases for parking**
- **Introduced in an “industry friendly” way**
- **Agreement with European Vending Association to adopt existing physical standards**
- **Ongoing work with IFSF**



IPIPS : Connecting parking & payment



Off Street



IPIPS : Connecting parking & payment

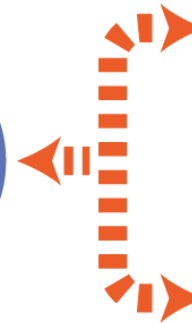


On Street

Parking Equipment

Payment Terminals

Payment Processing



Acquirer
(Bank)



Card Schemes
(Visa, MC,
Amex etc)

 IFSF Protocols



Objective 4 : Promoting adoption of the standard



The standard must be used if it is to be successful:

- **Raising the profile with national associations:**
- **Piloting the standards**
- **Speaking at conferences and events**

Work on developing standards continues:

- **Standards for mobile payment** (ie “cashless”, app payment)
- **Standards for Tokenisation**
- **Standards for exchanging parking data**

GRAZIE