

**1. Description**

- 1.1 Card-present transactions take place when consumers physically hand over their payment card or mobile wallets to pay at Customer's point of sale (device).
- 1.2 This happens when card data is captured at the device by either:
  - 1.2.1 Swiping the magnetic strip of the payment card.
  - 1.2.2 Inserting the EMV chip of the payment card.
  - 1.2.3 Tapping the payment card.
  - 1.2.4 Tapping an NFC/contactless digital wallet linked to the payment card.
- 1.3 This solution retrieves the electronic data of payments cards at the device, which is certified and provided by Worldline MS Iberia, S.L.U. as a Customer Selected Provider.
- 1.4 Then, this solution authenticates the transaction and sends it for authorization and capture.

**2. How does the solution work?**

- 2.1 The front-end Customer's agent starts the booking of travel content within the Customer's system.
- 2.2 The payment amount is transmitted to the device provided by Worldline MS Iberia, S.L.U. and the payment process is started.
- 2.3 We perform the payment card verification and, when required, PIN collection (authentication) through the device. We then integrate the payment information back into the front-end system of the Customer.
- 2.4 We send the payment transaction for authorization, and we can also send the transaction to capture.
- 2.5 The authorization response is sent back to our Payment Platform which, in turn, sends it back to the device.
- 2.6 Transaction authorizations approved will trigger the process of issuing the EMD or ticket, HOT file and Capture processes, as the case may be.
- 2.7 Capture can be performed through our Payment Platform with the relevant Customer Selected Provider. As an alternative, we can provide the information about the authorizations approved through a HOT file for PNR integrated customers. In this case, the Customer will be responsible for performing the capture.
- 2.8 The same architecture can be used with other combinations like:
  - 2.8.1 Standalone webservice.
  - 2.8.2 Webservices PNR integrated Customers.
  - 2.8.3 Authorizations via a Customer Selected Provider not included in our standard offering, subject to further scoping.
  - 2.8.4 Captures processed directly by Customer.

**3. Key features**

- 3.1 With this solution only the consumer interacts with the payment card at the device. Customer's agents will not have access to payment cards' numbers, expiry dates or PANs (Primary Account Numbers).
- 3.2 Consumers can pay for tickets and ancillary services with this solution when the EMV form of payment is selected by the Customer agent at the front-end application.
- 3.3 This solution allows printing consumer and Customer receipts from the relevant device.
- 3.4 The solution can be used for non-Amadeus front-ends payments but requires integration by the Customer via webservices. Additional Charges will apply.
- 3.5 This solution supports:
  - 3.5.1 Offline PIN validation between the payment card and the point of sale.
  - 3.5.2 Online PIN validation between the payment card and the relevant issuer.
  - 3.5.3 On device authentication for NFC/contactless digital wallets linked to the payment card.
  - 3.5.4 NFC/contactless digital wallets capabilities.
- 3.6 This solution is PSD2 and PCI DSS compliant based on end-to-end encryption.

**4. Disclaimers and limitations**

- 4.1 This solution is provided only through the devices Move 5000 or Move 2500 provided by Worldline MS Iberia, S.L.U., which must be certified by both the EMV, international Card Schemes, and the acquirers Worldpay or Bambora, as the case may be.
- 4.2 Worldline MS Iberia, S.L.U. will charge Customer for the relevant device, including any set-up fees.
- 4.3 Customer is responsible for the activation, distribution, management and maintenance of the relevant devices.
- 4.4 This solution processes payment transactions only if the relevant point of sale has connectivity (either phone connectivity or Wi-Fi connection). This solution cannot process offline payment transactions.
- 4.5 Online and offline PIN validation depend upon the capabilities of the point of sale and programming of the payment card, as well as Customer's set up of the point of sale.
- 4.6 This solution only works in conjunction with our solution Premium Authorization for card-present transactions. Our Capture solution for card-present transactions can be implemented too, but capture could also be performed by Customer.
- 4.7 Reversals and refunds can be triggered from our Merchant Portal - Essential XPP or Merchant Portal - Premium XPP.
- 4.8 This solution supports the following Customer Selected Providers:
  - 4.8.1 Premium Authorization: Amex, Bambora, Diners, and Worldpay.
  - 4.8.2 Capture in combination with Premium Authorization: Amex, Bambora, Diners, and Worldpay.
- 4.9 Subject to further scoping and potentially additional Charges, Customer could use this solution on its own or through other Customer Selected Providers not listed in the above paragraph. In this case:
  - 4.9.1 EMV data could be removed from such transaction (including EMV authentication).
  - 4.9.2 Liability shift and other benefits of this solution such as online PIN validation will not apply.
  - 4.9.3 Additional interchange fees may apply.
  - 4.9.4 We are not responsible neither for any transaction processed following this route nor if Card Schemes and/or the relevant acquirers request additional certification.
- 4.10 If any new Law or Industry Mandate change, additional Charges may apply. These Charges will be quoted separately on case-by-case basis. We will notify Customer of any such Charges.
- 4.11 We are not responsible for:
  - 4.11.1 Any device provided by Worldline MS Iberia, S.L.U. including, without limitation:
    - (a) Compliance with the Law or Industry Mandates.
    - (b) The software embedded in the devices, including languages and currencies available.
    - (c) The reach, connectivity and the response time of the devices.
  - 4.11.2 Any limitations imposed by acquirers or Card Schemes.

**5. Dependencies**

- 5.1 Customer must:
  - 5.1.1 Contract our Premium Authorization solution.
  - 5.1.2 For reversals and refunds, Customer must contract our Merchant Portal – XPP Essential or Merchant Portal – XPP Premium solutions.
  - 5.1.3 Enter into an agreement with the relevant Customer Selected Provider for Premium Authorization and Capture, if applicable.
  - 5.1.4 Enter into an agreement with the relevant Customer Selected Provider (Worldline MS Iberia, S.L.U. for the devices).
  - 5.1.5 Report to us the number of points of sale - devices acquired from Worldline MS Iberia, S.L.U. and the countries in which the devices are rolled out.
- 5.2 Customers must contract Amadeus front-ends to receive this solution through them.

**6. Integrations**

6.1 This solution can be integrated with the PNR.

6.2 This solution can be integrated via webservice with Customer's front-ends.

6.3 This solution can be integrated in the following Amadeus front-ends/channels:

<b>Front-end/channel</b>	<b>Family</b>
Airport Companion App	DCS
Call centers / Ticket desk (ARD web)	RES
Check-in desk (JFE)	DCS
Webservices	External

6.4 Other integrations with Customer's front-ends may be available, subject to further scoping.