



SPECIAL NOTES FOR INTEGRATORS

Concept Revision History

Date	Version	Description of Changes
29.05.2025	v 1.0	Initial Version



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EXECUTIVE SUMMARY

The current document, includes special notes for AADE integrators, for all types of protocols supported by the EDPS:

- 1155 National Protocol
- 1098 National Protocol
- Json Protocol (Token or Signature)
- Middleware Protocol (Token or Signature)
- App2App

PREAUTHORIZATION AND PREAUTHORIZATION COMPLETION

1155 National Protocol

- **Preauthorization and Preauthorization Completion**

Preauthorization is not supported through this protocol, so Preauthorization functionality is always unlocked on POS. POS does not return any information to ERP.

Preauthorization Completion is always triggered from the ERP, under **msg type** P: Amount – Completion (Pre-Auth Completion).

Following this call, merchant will be landed to a list with all approved Preauthorizations of this POS, that have amount greater or equal to amount of the completion request. The Merchant will select the preferred preauthorization and this will trigger the completion flow on the POS. The ERP will receive a standard Result message, upon the completion of the transaction.

- **Void of Preauthorization**

This transaction will always be triggered on POS device.

- **Void of Preauthorization Completion**

Void of Preauthorization Completion, is a standard Void message.

1098 National Protocol & 1098 Middleware

- **Preauthorization and Preauthorization Completion**

Preauthorization is not supported through this protocol, so Preauthorization functionality is always unlocked on POS. POS does not return any information to ECR.

Preauthorization Completion is always triggered from the ECR, under P/S<session number>/F<amount>:<cur-code>:<cur-exp> /D<datetime>/R<ecr-id>/H<operator-number> /T<receipt number>/M<custom-data>{/Q<mac>}

Following this call, merchant will be landed to a list with all approved Preauthorizations of this POS, that have amount greater or equal to amount of the completion request. The Merchant will select the preferred preauthorization and this will trigger the completion flow on the POS. The ECR will receive a standard Result message, upon the completion of the transaction.

- **Void of Preauthorization**

This transaction will always be triggered on POS device.

- **Void of Preauthorization Completion**

This transaction will always be triggered on POS device.

Json Protocol (Token or Signature)

- **Preauthorization and Preauthorization Completion**

Preauthorization is supported through this protocol and is also unlocked on POS.

In case Merchant selects to trigger Preauthorization from the ERP, the transaction request will be used, under Transaction Type 6 (*Pre-authorization*). (*No Signature or Token Needed for this transaction type*)

Preauthorization Completion is always triggered by the ERP, under Transaction Type 7 (*Pre-authorization Completion*). (*Signature or Token Needed for this transaction type*)

If Preauthorization Completion message carries the Receipt field of the Preauthorization, the merchant will be landed to the specific preauthorization to be completed. Otherwise the merchant will be landed to a list with all approved Preauthorizations of this POS, that have amount greater or equal to amount of the completion request. The Merchant will select the preferred preauthorization and this will trigger the completion flow on the POS.

- **Void of Preauthorization**

Void of Preauthorization is a standard Void message with the Receipt Number of the Preauthorization.

The Void of this transaction can also be triggered on the POS device.

- **Void of Preauthorization Completion**

Void of Preauthorization is a standard Void message with the Receipt Number of the Preauthorization.

The Void of this transaction can also be triggered on the POS device.

Middleware Protocol (Token or Signature)

- **Preauthorization and Preauthorization Completion**

Preauthorization is supported through this protocol. The Merchant will trigger Preauthorization from the ERP, the transaction request will be used, under Transaction Type 2 (*Pre-authorization*). (*No Signature or Token Needed for this transaction type*).

Preauthorization Completion is always triggered by the ERP, under Transaction Type 3 (*Pre-authorization Completion*). (*Signature or Token Needed for this transaction type*)

Preauthorization Completion message will carry the Initial Transaction ID of the Preauthorization, and the merchant will be landed to the specific preauthorization to be completed.

- **Void of Preauthorization**

Void of Preauthorization is a standard Void message with the Initial Transaction ID of the Preauthorization.

The Void of this transaction can also be triggered on the POS device.

- **Void of Preauthorization Completion**

Void of Preauthorization is a standard Void message with the Initial Transaction ID of the Preauthorization.

The Void of this transaction can also be triggered on the POS device.

App2App

Preauthorization and Preauthorization Completion, is not supported.

PRELOADED TRANSACTIONS

1155 National Protocol

These transactions are preloaded on POS under msg type W: REGRECEIPT.

The synchronization between the ERP and the POS is done through The **Resend All** message.

1098 National Protocol

These transactions are preloaded on POS under msg type W: REGRECEIPT.

The synchronization between the ERP and the POS is done through The **Resend All** message.

Json Protocol (Token or Signature)

These transactions are preloaded on POS through a standard Sale message under Transaction Type 9.

After preloaded transactions have been executed successfully, a Sync request must be sent from the ERP to collect the results.

In case you need to confirm receipt of the results you may use the "waitAck" key in the Sync request. The POS will then expect an AckSync request before marking the transactions in the sync response as synchronized.

In case the "repeat"="T", for each Sync response an AckSync will be needed.

Other requests of interest for the preloaded transactions are: GetPreloadedStatusRequest and ClearPreloadedRequest

Middleware Protocol (Token or Signature)

These transactions are preloaded on POS under Transaction Type Sale "0" and the preloadtransaction field is set to "True".

The sync between the ERP and the POS, is done per transaction through the endpoint **{baseurl}/transactionintent/?TID=<tid>&OriginalCustomerReference=<customerreference>**.

The OriginalCustomerReference value must be the ICustomerReference of the initial Preloaded transaction.

App2App

Preloaded transactions are not applicable for this case.

MIDDLEWARE ENROLLMENT

The Terminal will be enrolled to the Middleware, following the steps below on the Terminal:

- Ρυθμίσεις → Ρυθμίσεις ΑΑΔΕ → ΑΑΔΕ Πρωτόκολλο → Εισαγωγή Κωδικού → Πρωτόκολλο Middleware
 - If the supported integration is 1098, the user will select Middleware (1098)
 - If the supported integration is 1155 the user will select Middleware (1155) and will be asked to select between "ECR" (if he has FHMAS) & "ERP" (if he has Provider)