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**PayPlug – Technical Specification**

# 

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# Custom Object

The cartridge PayPlug includes one custom object: PayPlugNotification.  
This custom object contains the logs and PayPlug ID event.

It will be created and filled through the PayPlug controller and the Notification method.

This method is an endpoint for PayPlug to send you the data of all actions made (Capture, Refund, Authorization, etc.).

# Order

The order paid with one of PayPlug’s payment methods will have the following attributes:  
  
- Is PayPlug → Defines if the order has been paid with PayPlug.  
- PayPlug – Payment Data → The last PayPlug notification.  
- PayPlug – PSP Reference → PayPlug’s Payment reference.  
- PayPlug – Amount → Amount paid with PayPlug.  
- PayPlug – Payment Method → The type of payment used.  
- PayPlug – Limit Capture → The date limit of capture.  
- PayPlug – Is Captured → Boolean to define if capture has been done.  
- PayPlug – Amount Refunded → The total amount refunded through PayPlug.  
  
In the Payment tab, we will display data through the cartridge bm\_payplug. This data will change depending on the IPN.  
Every time, an IPN is processed, a note will be added to the order with the IPN data.

# Payment Processor

The cartridge contains one payment processor: PAYPLUG.

# Payment Methods

To create a PayPlug Payment method:  
1. Go to Merchant Tools > Ordering > Payment Methods.  
2. In the setup, select PAYPLUG as the payment processor.  
3. In the PayPlug custom attribute group, select the PayPlug Payment Method you want to set up.

# Job

The cartridge contains two Jobs: PayPlugCapture & PayPlugNotification.  
  
- PayPlugCapture → Runs once a day to capture all orders reaching their capture limit date.  
- PayPlugNotification → Runs every 15 minutes to check all PayPlugNotification custom objects and update the status of payments, refunds, and orders.  
  
If inside the custom object, we have the payment authorization from PayPlug, then the payment status of the order is set to PAYMENT\_STATUS\_PAID. A note is added to the order every time a notification is processed.  
  
⚠️ **Important:** Once a custom object is processed, it is deleted. If the linked order cannot be found, it is also deleted.

# Service

The cartridge contains two services: PayPlug & PayPlugQA.   
The correct service is determined automatically based on your instance.

# BM\_PayPlug

Inside the PayPlug Module, you will find a list of all orders processed by PayPlug, including:  
- Order number  
- Order date  
- Capture status  
- Total amount refunded  
- Payment status (whether PayPlug authorization is received or not)  
  
In the order details, you can perform two actions: Capture and Refund.  
  
- If the payment status is paid but the capture has not yet been processed, you can request a capture.  
- After sending a refund request, run the PayPlugNotification job to confirm that the refund has been made.  
  
Both capture and refund actions require reading notifications to confirm their success.