

PW - Widget Integration



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Integration

The Widget integration (column / tab or Lightbox mode), takes place in only 3 steps :

1. **Initialization of payment** : from your server you use the [doWebPayment](#) function of Web Payment API to initiate a payment on Payline payment pages.
2. **From web page**, add a script and <DIV> tag in body of your web page : Payline will use that tag to display the payment form.
3. **Payment Result** : from your server you use the [getWebPaymentDetails](#) function of Web Payment API to get payment result.

The minimum HTML page for generating a payment form is as follows:

Code HTML

```
<html>
<head>
  <script src="https://homologation-payment.cdn.payline.com/cdn/scripts/widget-min.js"></script>
</head>
<body>
  <div id="PaylineWidget"
    data-token="the token obtained in doWebPayment Response"
    data-template="column"
    data-embeddedredirectionallowed="false"
  />
</body>
</html>
```

The HTML file of the payment page must contain, at a minimum, in the HEAD the links to the static resources of the widget corresponding to the desired environment (approval, production):

Prerequisites	Approval	Production
Javascript Widget	https://homologation-payment.cdn.payline.com/cdn/scripts/widget-min.js	https://payment.cdn.payline.com/cdn/scripts/widget-min.js
CSS Widget	https://homologation-payment.cdn.payline.com/cdn/styles/widget-min.css	https://payment.cdn.payline.com/cdn/styles/widget-min.css

And possibly a link to your own CSS, in a relative fashion.

Head of file

```

<html>
  <head>
    <title>Mon template</title>
    <link rel="stylesheet" type="text/css" href="tuto.css" />
    <script src="https://homologation-payment.cdn.payline.com/cdn/scripts/widget-min.js" charset="utf-8"></script>
    <link rel="stylesheet" href="https://homologation-payment.cdn.payline.com/cdn/styles/widget-min.css" charset="utf-8">
  </head>
</html>

```

The **data-token** is the **session token** for authentication and is obtained in response to the request to initialize a payment (doWebPayment). In order to avoid that a new initialization is performed during each refresh of the page, you must either use a session on your server to store it, or check if the current URL already contains a payment token in a GET parameter named `paylinetoken`. Here is an example to reuse the token present in the URL:

Code PHP

```
<?php $paylineToken = ( is_empty($_GET['paylinetoken']) ) ? createNewWebPayment() : $_GET['paylinetoken']; ?>
```

Additional attributes that you can use in the `<div>` tag allow you to customize the display of the form. For example; if you do not want the payment form to appear automatically when your page is displayed :

Paramètre	Description	valeur
data-template	The name of the template to use for initializing the form.	• tab • column • lightbox • shortcut
data-auto-init	Defines whether the form should initialize as soon as the web page has finished loading (auto-init to "true"), or if it must wait for an initialization request (auto-init to "false")	• true • false
data-embeddedredirectionallowed	Function deactivated	
data-partnerreturnurl	The parameter allows you to specify a return url for a defined list of partners, for now: AmazonPay When the buyer clicks on the AmazonPay button, he is redirected to the partner to authenticate. Once authenticated, it is redirected to the specified URL.	<pre><div id="PaylineWidget" data-template="shortcut" data-partnerreturnurl="https://maboutique.com/checkout"></pre>

Examples of integration of Widget modes

According to the parameters, here are the examples of integration :

InShop Tab mode	InShop Column mode	
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The image displays two versions of a payment form side-by-side to illustrate responsive design. The left version is a desktop layout, and the right version is a mobile layout. Both forms include the following elements:

- Payment Method Selection:** Logos for American Express, Visa, MasterCard, Discover, and PayPal are shown at the top. Below them is a 'SOFORT' logo.
- Form Fields:**
 - Numéro de carte:** A text input field with a card icon.
 - Date d'expiration:** A date picker showing '21' and 'MM/AA'.
 - Cryptogramme:** A text input field with a lock icon.
- Action Buttons:**
 - Payer par carte:** A green button.
 - Payer avec PayPal:** A green button.
 - SOFORT:** A large orange button.

The mobile layout (right) is a columnar version of the desktop layout (left), where all elements are stacked vertically to fit a smaller screen.



Payline forces *column* page display of payment pages when you use tab mode and the size of the device used by the consumer is too small to display properly. This enhancement simplifies your technical integration when you have a "responsive desktop / mobile" store.

When a form is requested with several means of payment, some of which are conditioned by the return of a partner API, then:

- If the partner answers before the display of the form then the means of payment are displayed according to the partners' response;
- If the partner responds after displaying the form then the inserts of the conditioned means of payment are displayed only with a *Spinner* while waiting for the partner's response.

The order in which the payment methods are displayed is carried out with the order specified in the `contractList` tag of the `doWebPayment`.

JavaScript API

In order to interact with the payment form, Payline offers a JavaScript API so that you keep control of the form. [Consult the JavaScript API.](#)

CSS customization

Customizing the style of the payment form is possible by overriding the stylesheet provided by default by Payline. [Consult the CSS customaton.](#)

Lifecycle callback

[Consult the CallBack functions.](#)

Expense management functions

The cost management is present on the payment form and corresponds to the Transaction insert:

Administration center: Payment method to configure	Administration center: Deta
Frais liés à l'utilisation d'un moyen de paiement Appliquer les frais sur ce moyen de paiement ☒ Oui ☐ Non Pourcentage à appliquer sur chaque transaction % ☐ Retenir une partie du montant final Par exemple : 25 € dont 0.5 € de commission ☐ Ajouter au montant total Par exemple : 25 € plus 0.5 € de commission (transaction de 25.5 €) Nombre de transaction sans frais Nombre de transaction sans frais par consommateur Montant minimum d'acceptation par transaction (en EUR) Montant maximum d'acceptation par transaction (en EUR)	Détails d'une transaction ETAT Code retour Message Code retour SAA/Partenaire Temps de réponse SAA TRANSACTION { AUTORISATION RÉÉDITER LE TICKET DE CAISSE - ID de la transaction Date de la transaction Est un doublon Code AVS normalisé Code AVS acquéreur N° d'autorisation Montant Frais appliqués Origine Site Mode de paiement COMMERÇANT Point de Vente N° de contrat

The cost management excludes in the following cases:

- Wallet payment
- ShortCut payment
- Rec / NX payment

Features Fee Management

The expense management is present on the payment form and corresponds to the Transaction insert:

Back office : Configure the payment method	Back office : transaction de
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Frais liés à l'utilisation d'un moyen de paiement

Appliquer les frais sur ce moyen de paiement ☒ Oui ☐ Non

Pourcentage à appliquer sur chaque transaction %

☐ Retenir une partie du montant final
Par exemple : 25 € dont 0.5 € de commission

☐ Ajouter au montant total
Par exemple : 25 € plus 0.5 € de commission (transaction de 25.5 €)

Nombre de transaction sans frais
Nombre de transaction sans frais par consommateur

Montant minimum d'acceptation par transaction (en EUR)

Montant maximum d'acceptation par transaction (en EUR)

Détails d'une transaction

ETAT

Code retour
Message
Code retour SAA/Partenaire
Temps de réponse SAA

TRANSACTION { AUTORISATION
RÉÉDITER LE TICKET DE CAISSE -

ID de la transaction
Date de la transaction
Est un doublon
Code AVS normalisé
Code AVS acquéreur
N° d'autorisation
Montant
Frais appliqués
Origine
Site
Mode de paiement

COMMERÇANT

Point de Vente
N° de contrat

Fee management excludes in the following cases:

- Wallet Payment
- ShortCut Payment
- Payment Rec / NX

Linked pages

- [In-Shop Mode](#)
- [PW - Customizing the widget: CallBack function](#)
- [PW - Customizing the widget: CSS tags](#)
- [PW - JavaScript API](#)
- [PW - Widget customization: JQuery](#)
- [PW - Widget customization: Style sheet](#)