

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 |
|--|--|--|
| <code>data-template</code> | The name of the template to use for initializing the form. | <ul style="list-style-type: none"> • tab • column • lightbox • shortcut |
| <code>data-auto-init</code> | 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") | <ul style="list-style-type: none"> • true • false |
| <code>data-embeddedredirectionallowed</code> | Function deactivated | |
| <code>data-partnerreturnurl</code> | <p>The parameter allows you to specify a return url for a defined list of partners, for now: AmazonPay</p> <p>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.</p> | <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 | |
|-----------------|--------------------|--|

The image shows two versions of a payment form. The left version is a desktop layout with a wide header containing logos for American Express, VISA, MasterCard, AMERICAN EXPRESS, DISCOVER, and PayPal, followed by a large 'SOFORT' logo. Below the logos are three input fields: 'Numéro de carte' (with a card icon), 'Date d'expiration' (with a calendar icon and 'MM/AA' placeholder), and 'Cryptogramme' (with a lock icon). A green button labeled 'Payer par carte' is at the bottom. The right version is a mobile layout with a vertical scroll. It starts with the same logos, followed by the text 'Choisissez votre moyen de paiement'. It then repeats the three input fields and the 'Payer par carte' button. Below this is a 'PayPal' logo and a text block: 'En sélectionnant ce moyen de paiement, vous serez redirigé sur le site de Paypal afin de finaliser votre paiement.' followed by a 'Payer avec Paypal' button. At the very bottom is the 'SOFORT' logo.

 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 |
|---|--|
| <p>Frais liés à l'utilisation d'un moyen de paiement</p> <p>Appliquer les frais sur ce moyen de paiement <input checked="" type="radio"/> Oui <input type="radio"/> Non</p> <p>Pourcentage à appliquer sur chaque transaction <input type="text"/> %</p> <p><input type="radio"/> Retenir une partie du montant final Par exemple : 25 € dont 0.5 € de commission</p> <p><input type="radio"/> Ajouter au montant total Par exemple : 25 € plus 0.5 € de commission (transaction de 25.5 €)</p> <p>Nombre de transaction sans frais <input type="text"/> Nombre de transaction sans frais par consommateur</p> <p>Montant minimum d'acceptation par transaction (en EUR) <input type="text"/></p> <p>Montant maximum d'acceptation par transaction (en EUR) <input type="text"/></p> | <p>Détails d'une transaction</p> <p>ETAT</p> <p>Code retour Message Code retour SAA/Partenaire Temps de réponse SAA</p> <p>TRANSACTION { AUTORISATIO RÉÉDITER LE TICKET DE CAISSE -</p> <p>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</p> <p>COMMERÇANT</p> <p>Point de Vente N° de contrat</p> |

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 |
|--|------------------------------|
|--|------------------------------|

| Frais liés à l'utilisation d'un moyen de paiement | |
|--|---|
| Appliquer les frais sur ce moyen de paiement | <input checked="" type="radio"/> Oui <input type="radio"/> Non |
| Pourcentage à appliquer sur chaque transaction | <input type="text"/> % |
| | <input type="radio"/> Retenir une partie du montant final Par exemple : 25 € dont 0.5 € de commission |
| | <input type="radio"/> Ajouter au montant total Par exemple : 25 € plus 0.5 € de commission (transaction de 25.5 €) |
| Nombre de transaction sans frais | <input type="text"/> |
| | Nombre de transaction sans frais par consommateur |
| Montant minimum d'acceptation par transaction (en EUR) | <input type="text"/> |
| Montant maximum d'acceptation par transaction (en EUR) | <input type="text"/> |

| 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](#)