



**e-DELIVERY  
OF YOUR PARCELS**

[www.mondialrelay.fr](http://www.mondialrelay.fr)

**CONNECT TECHNICAL  
DOCUMENTATION**

## Updates

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## Introduction

You're reading the Mondial Relay's extranet technical guide ([Connect](#)).

With [Connect](#), you and your team can create shipments and labels.

This guide explains how to implement a direct and secure link between your back-office and Connect.

## Links implementation

You can create a link which authenticates the user and lead him directly to the requested data.

## General principle

Whatever the requested page, you just have to add 3 URL parameters to authenticate the user.

These parameters are GET parameters must be added at the end of the URL.

Parameter	Usage
<b>login</b>	The login of the user to authenticate. This user must be activated before.
<b>ts</b>	Timestamps call : permit to control the time validity of the link. A link is valid for approximatively 15 minutes.
<b>crc</b>	It's a MD5 hash calculated regarding the URL parameters and your private key.

## CRC build

CRC is the result of the concatenation of the private key and the target URL separated by “\_” characters.

## Implementation example

*Take the below example:*

- You're a Mondial Relay customer and your customer ID is « BDTEST ».
- Your private key is « 123456 ».
- You want to access the tracking page of the shipment 17190758 for the user:  
[user@mondialrelay.com](mailto:user@mondialrelay.com)

## 1-Build an URL

It starts with access to functionality as if the user was logged in:

So the URL is :

<http://connect.mondialrelay.com/BDTEST/Expedition/Afficher?numeroExpedition=17190758>

With **BDTEST** which is you customer ID (ORIGINE).

And the parameter numeroExpedition=**17190758** which is the shipment number you want to consult.

*Note* : You can go directly to the entry of a given after sales request by adding the optional parameter `directSAV=DDL1` ou `DDL1` matches the service request type you want to perform.

## 2- Add the connection data

You must add to the URL the user settings and the timestamp.

So, the URL is:

<http://connect.mondialrelay.com/BDTEST/Expedition/Afficher?numeroExpedition=17190758&login=user@mondialrelay.com&ts=1346409330>

With “ts” which is the timestamp of the current date.

## 3-CRC calculation

With the relative URL (without domain) :

</BDTEST/Expedition/Afficher?numeroExpedition=17190758&login=user@mondialrelay.com&ts=1346409330>

You build the string to encode and add the private key :

**[private key]\_[relative url]**

The result is :

123456\_ </BDTEST/Expedition/Afficher?numeroExpedition=17190758&login=utilisateur@mondialrelay.com&ts=1346409330>

After the MD5 hash we get the following CRC: **57db81489031a5df030ad81382d94798**

And we add it at the end of the URL into the parameter “CRC”.

<http://connect.mondialrelay.com/BDTEST/Expedition/Afficher?numeroExpedition=17190758&login=utilisateur@mondialrelay.com&ts=1346409330&crc=57db81489031a5df030ad81382d94798>

## PHP code example

Below, an implementation based on the PHP language to access the tracking of a given shipment:

```
1. <?php
2. class MondialRelayWebAPI {
3.
4.     private $_APIEndPointUrl;
5.     private $_APILogin;
6.     private $_APIPassword;
7.     private $_MRConnectUrl = "http://connect.mondialrelay.com";
8.     private $_Debug = false;
9.
10.    public function __construct($ApiEndPointUrl, $ApiLogin, $ApiPassword ) {
11.
12.        $this-> APILogin = $ApiLogin ;
13.        $this-> APIPassword = $ApiPassword ;
14.
15.    }
16.
17.    public function GetShipmentConnectTracingLink($ShipmentNumber,$UserLogin){
18.        $Tracing_url = "/" .trim(strtoupper($this->
19. >_APILogin))."/Expedition/Afficher?numeroExpedition=".$ShipmentNumber;
20.        return $this->_MRConnectUrl.$this->AddConnectSecurityParameters($Tracing url,$UserLogin);
21.    }
22.
23.    private function AddConnectSecurityParameters($UrlToSecure, $UserLogin){
24.
25.        $UrlToSecure = $UrlToSecure."&login=".$UserLogin."&ts=".time();
26.        $UrlToEncode = $this-> APIPassword." ".$UrlToSecure ;
27.
28.        return $UrlToSecure."&crc=".strtoupper(md5($UrlToEncode));
29.    }
30. }
31. ?>
```

Usage :

```
1. <?php
2.     require_once('includes/MondialRelay.API.Class.php');
3.     //code client
4.     $_Api_Login      = "BDTEST";
5.     //clé de sécurité
6.     $_Api_Password  = "123456";
7.     //instanciation de la classe
8.     $MRService = new MondialRelayWebAPI($_Api_Login,$_Api_Password);
9.     //génération d'un lien de suivi pour l'utilisateur utilisateur@mondialrelay.fr
10.    sur l'expédition 17190758
11.    $link = $MRService->GetShipmentConnectTracingLink("17190758","utilisateur@mondialrelay.fr");
12.    //affichage du lien
13.    echo "<a href='".$link.">Suivi Colis</a>";
14. ?>
```