



**Mondial
Relay**



InPost

CONNECT – USER GUIDE

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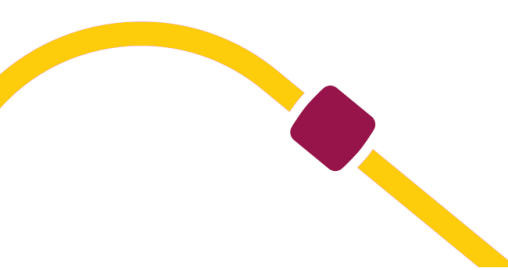
Updates

Version	Date	Comment
V-1	July 2012	Document creation
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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
login	The login of the user to authenticate. This user must be activated before.
ts	Timestamps call : permit to control the time validity of the link. A link is valid for approximately 15 minutes.
crc	It's a MD5 hash calculated regarding the URL parameters and your private key.

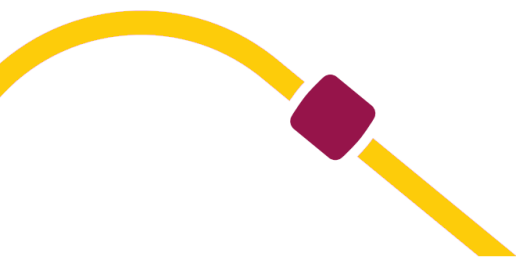
CRC build

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



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 your 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= **DDLB** ou **DDLB** 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](/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-
21. >AddConnectSecurityParameters($Tracing_url,$UserLogin);
22.    }
23.
24.    private function AddConnectSecurityParameters($UrlToSecure, $UserLogin){
25.
26.        $UrlToSecure = $UrlToSecure."&login=".$UserLogin."&ts=".time();
27.        $UrlToEncode = $this->_APIPassword."_".$UrlToSecure ;
28.
29.        return $UrlToSecure."&crc=".strtoupper(md5($UrlToEncode));
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 sur
10.    l'expédition 17190758
11.     $link = $MRService-
12. >GetShipmentConnectTracingLink("17190758","utilisateur@mondialrelay.fr");
13.     //affichage du lien
14.     echo "<a href='".$link."'>Suivi Colis</a>";
15. }
```