



# Technical Specification Mr Cash

*(MRC.001)*

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**Version history:**

|      |                            |          |
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# 1. Introduction

This document explains how to use the Mister Cash API.

## 1.1 Preliminary note

To make integration more easy we made a PHP example in paragraph 4. All you have to do is set the first 5 variables and upload the file to your webserver.

## 1.2 Mister Cash API in a nutshell

Implementing payments with Mister Cash:

1. By calling the Mister Cash start script with all the transaction parameters TargetPay will return an URL to the payment page which you may use for redirecting your customer. (chapter 2);
2. After payment your customer will be redirected to your site ( chapter 3);
3. You will check to see if the payment was successful ( chapter 3);
4. After a successful payment you will deliver the goods to your customer.

## 1.3 Testing

To check your order handling process you may use the parameter test=1 from paragraph 5. By using this setting you may cancel your transaction and the check script will return an ok status. Do not forget to remove this parameter after testing.

## 1.4 E-mail notifications

You can setup E-mail notifications from the screen Subaccounts/Layouts. Edit the layoutnumber by pressing the edit icon and enter your E-mail account and payment method at the bottom of the page.

**Attention:** Always check the payment in the orderdetails screen.

## 2. Request link to the transaction page

### 2.1 Call

You will start a transaction by calling:

<https://www.targetpay.com/mrcash/start>

By using these parameters:

| Variabele   | Name                            | Format      | Example  | Required |
|-------------|---------------------------------|-------------|--|----------|
| rtlo        | Layoutcode                      | Numeric     | 12345  | Yes      |
| description | Description                     | Alfanumeric | 300 credits  | Yes      |
| amount      | Amount in cents<br>(150 = 1,50) | Numeric     | 150  | Yes      |
| lang        | Language                        | Numeric     | FR   | No       |
| userip      | IP Address of<br>your customer  | Alfanumeric | 123.45.122.89  | Yes      |
| returnurl   | Return URL                      | Alfanumeric | <a href="http://mysite.nl/bedankt.php">http://mysite.nl/<br/>bedankt.php</a> | Yes      |
| reporturl   | Return URL                      | Alfanumeric | <a href="http://mysite.nl/report.php">http://mysite.nl/r<br/>eport.php</a>   | No       |

Synopsys:

| Variabele   | Explanation  |
|-------------|--|
| rtlo        | The layoutcode for the payment. See subaccounts.   |
| description | Clear description of your service maximum 32 characters long[0-9][A-Z][a-z]  |
| amount      | Consumer price in cents between 49 cents(value= 49!) and 5.000 Euro en 5000 euro (value= 500000!).   |
| lang        | Language of the Mister Cash payment environment. Possibilitys are: <ul style="list-style-type: none"><li>• NL</li><li>• FR</li><li>• EN</li></ul>  |
| Returnurl   | The URL the visitor will be redirected to after payment (zie kopje 3). The parameter trxid will be added to this call. Example: when you give us <a href="http://www.test.nl/activate?id=123">http://www.test.nl/activate?id=123</a> as the return URL, the bank will call <a href="http://www.test.nl/activate?id=123&amp;trxid=789">http://www.test.nl/activate?id=123&amp;trxid=789</a> ( 789 is the transaction ID)  |
| reporturl   | We will call this URL with a HTTP POST request when the started transaction has been payd or expired. By this means you will receive the status of every transaction. We will add 3 parameters to the URL. trxid with the transaction number, amount which contains the transaction amount in cents. status Final status (Success or Faillure) of the transaction. If your reporturl is <a href="http://www.test.nl/report">http://www.test.nl/report</a> then we will call <a href="http://www.test.nl/report/?trxid=15719426&amp;amount=1685&amp;status=Success">http://www.test.nl/report/?trxid=15719426&amp;amount=1685&amp;status=Success</a> Do not mix up the returnurl and the reporturl. Your visitor will never see the reporturl This call will be executed from our server to your server directly. |

## 2.2 Response codes

After a successful payment you will receive a result like:

000000 xxxxxx|yyyyyy

xxxxxx : The 8 character long transaction ID (You will need this id for the status request);

yyyyyy : The URL where to redirect your customer;

Example:

000000 15641569|https://www.targetpay.com/mrcash/start?trxid=15641569

Now you can redirect your customer to the URL in the response by using a HTTP 302 response.

In case of an error one of the following error messages will be returned:

| Response code                                    | Explanation  |
|--|--|
| TP0010 Transaction not finished, try again later | The status is not known yet                            |
| TP0011 Transaction failed                        | The transaction Failed                                 |
| TP0012 Transaction not finished and expired      | The transaction expires after 3 hours                  |
| TP0013 Transaction was cancelled                 | The transaction has been cancelled                     |
| TP0014 Already redeemed at YYYY-MM-DD HH:MM:SS   | Transaction has been downloaded before                 |
| TP0020 No layoutcode given                       | Rtlo parameter was empty                               |
| TP0021 No transaction ID given                   | Trxid parameter was empty                              |
| TP0022 No transaction with this ID               | Trxid does not exist                                   |
| TP0023 Layoutcode doesn't match transaction      | The transaction ID does not belong to this rtlo        |
| TP0044 Internal error                            | Transaction status is unknown( This should not happen) |

## 3. Customer will return on your website.

As soon as your customer has finished or canceled his payment he will be redirected to your returnurl.

## 4. Status request

### 4.1 Call

From the script in your returnurl you may call our status URL to request for the status of the transaction:

<https://www.targetpay.com/mrcash/check>

With the following parameters:

| Variabele | Naam                  | Formaat | Verplicht |
|-----------|-----------------------|---------|-----------|
| rtlo      | Layoutcode            | Numeric | Yes       |
| trxid     | Transaction ID        | Numeric | Yes       |
| once      | Validation only once? | 0 / 1   | Yes       |
| test      | Test                  | 0 / 1   | No        |

Description of each parameter:

| Variabele | Explanation   |
|-----------|---|
| rtlo      | Layoutcode (The same as in paragraph 5.1)   |
| trxid     | 8 digit transaction ID  |
| once      | <p>If once=1 the check function wil only give you one successful validation. A second validation will return error message TP00014 (Already redeemed) and the date/time of the First validation.</p> <p>If once=0 the check function will return OK every time it is called for this transaction.</p> <p>If you are in doubt use the value 1 for this parameter. This way you will be sure the service or content will be delivered only once if your customer refreshes the browser.</p> |
| test      | if test=1 the check function will always return OK, even if the payment has been cancelled. This is for testing only.   |

## 4.2 Result codes

If the payment is successful you will receive: 000000 OK

In all other cases one of the following return values will be returned:

| Response code                                    | Explanation  |
|--|--|
| TP0010 Transaction not finished, try again later | The status is not known yet                            |
| TP0011 Transaction failed                        | The transaction Failed                                 |
| TP0012 Transaction not finished and expired      | The transaction expires after 3 hours                  |
| TP0013 Transaction was cancelled                 | The transaction has been cancelled                     |
| TP0014 Already redeemed at YYYY-MM-DD HH:MM:SS   | Transaction has been downloaded before                 |
| TP0020 No layoutcode given                       | Rtlo parameter was empty                               |
| TP0021 No transaction ID given                   | Trxid parameter was empty                              |
| TP0022 No transaction with this ID               | Trxid does not exist                                   |
| TP0023 Layoutcode doesn't match transaction      | The transaction ID does not belong to this rtlo        |
| TP0044 Internal error                            | Transaction status is unknown( This should not happen) |

## 5. PHP-example

### PHP-example code

```
<?php

$rtlo=xxxxx;

$description="Mister Cash Example";

$amount=50;

$returnurl="http://www.uwsite.nl/MisterCashExample.php";

$reporturl="http://www.uwsite.nl/MisterCashExample.php";

// Customer returns to the returnurl, now we check the transaction status

if( isset($_GET['trxid']) ){

    // 000000 OK means Status is successful. We deliver the product

    if( ($status = CheckReturnurl( $rtlo, $_GET['trxid'] )) == "000000 OK" ){

        // Update the orderinfo to success
```

## PHP-example code

```
die( "Status was Successful...
Thank you for your order" );
}
//In all other cases do not delever(yet)
// Update the orderinfo to failed
else die( $status );
} elseif ( isset($_POST['trxid']) && isset($_POST['amount']) ){
// The reporturl is called from the Targetpay server
HandleReporturl( $_POST['trxid'], $_POST['amount'],$_POST['status'] );
} else{
// Start of the transactioen
// We redirect to Mister Cash via Clearpark
$redirecturl = StartTransaction( $rtlo, $description, $amount, $returnurl, $reporturl );
header ("Location: ".$redirecturl);
die();
}

// Paragraph 3. Request redirect URL to Mister Cash
function StartTransaction( $rtlo, $description, $amount, $returnurl, $reporturl){
$url= "https://www.targetpay.com/mrcash/start?".
"rtlo=".$rtlo.
"&description=".urlencode(substr($description,0,32)).
"&amount=".$amount.
"&userip=".urlencode($_SERVER['REMOTE_ADDR']).
"&returnurl=".urlencode($returnurl).
"&reporturl=".urlencode($reporturl);

$strResponse = httpGetRequest($url);
$aResponse = explode('|', $strResponse );
```



## PHP-example code

```
# Bad response

if ( !isset ( $aResponse[1] ) ) die('Error' . $aResponse[0] );

$responsetype = explode ( ' ', $aResponse[0] );

$trxid = $responsetype[1];

// You may add the trxid to your orderinfo here

if( $responsetype[0] == "000000" ) return $aResponse[1];

else die($aResponse[0]);

}

// Paragraph 5. Request status in returnurl

function CheckReturnurl($rtlo, $trxid){

    $once=1;

    $test=1; // Set to 1 for testing as described in paragraph 1.3

    $url= "https://www.targetpay.com/mrcash/check?".

    "rtlo=".$rtlo.

    "&trxid=".$trxid.

    "&once=".$once.

    "&test=".$test;

    return httpGetRequest($url);

}

// Handler for the reporturl.

// Update your your orderstatus and deliver the product if $status = "000000 OK"

function HandleReporturl($trxid, $amount, $status ){

    if( substr($_SERVER['REMOTE_ADDR'],0,10) == "89.184.168" ||

    substr($_SERVER['REMOTE_ADDR'],0,9) == "78.152.58" ){

        // Update your orderinfo status here.

        //.....

    }

}
```

## PHP-example code

```
//reporturl should return OK to Targetpay.
die( "OK" );
}else{
    die("IP address not correct... This call is not from Targetpay");
}
}

function httpGetRequest($url){
    $ch = curl_init( $url );
    curl_setopt ( $ch, CURLOPT_RETURNTRANSFER, 1) ;
    $strResponse = curl_exec($ch);
    curl_close($ch);
    if ( $strResponse === false )
        die("Could not fetch response " . $url );
    return $strResponse;
}
?>
```