

Przelewy24 – WebServices

DialCom24 Sp. z o.o. – service@przelewy24.pl

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1. Configuration

To activate access to the Service:

- a. Send your IP address (your server's address) to **service@przelewy24.pl**
- b. Retrieve an access-key from Przelewy24

2. Endpoint of the Webservice:

<https://secure.przelewy24.pl/external/wsd/service.php?wsdl> (type: encoded)

<https://secure.przelewy24.pl/external/wsd/services.php?wsdl> (type: literal)

3. Available methods:

TestAccess

TrnRefund

TrnBySessionId

TrnListByDate

TrnListByBatch

RefundById

TrnRegister

PaymentMethods

CurrencyExchange

BatchList

VerifyTransaction

DenyTransaction

General types

GeneralError	An object with two fields: errorCode – int – an unique ID of an error errorMessage – string
SingleRefund	An object of single refund, with fields: orderId (int), sessionId (string), status (bool), error (string) Note: an error field contains message related to the single one refund
Transaction	An object of single transaction, with fields: orderId (int), orderIdFull (int), sessionId (string), status (int), amount (int), date (string – YYYYMMDDHHMM), dateOfTransaction (string) clientEmail (string), accountMD5 (string / empty), paymentMethod (int) status: 0 – not paid, 1 – prepayment, 2 – completed, 3 – refunded
RefundInfo	An object of single refund information, with fields: orderId (int), orderIdFull (int), sessionId (string), batchId (int), date (string), status (int), amount (int)
TransactionDataIn	An input object with data: amount (int), email (string), sessionId (string), methodId (int), client (string), street (string), city (string), zip (string), country (string), description (string)
TransactionDataOut	An output object with data: orderId (int), orderIdFull (int), sessionId (string), ban (string), banOwner (string), banOwnerAddress (string), amount (int)
PaymentMethod	An object of single payment method, with fields: name (string), id (int), status (bool)
Currency	An object of single exchange rate, with fields: code (string), exchnG (float)
Batch	An object of single batch (outgoing transfer), with fields: batchId (int), dateIn (string), dateOut (string)

Error codes

1	Access denied Occurs if login and/or password are incorrect, or IP address hasn't been sent to Przelewy24
10	Transaction not found
11	Empty transaction list
100	Repeated batch number
101	Empty refund list
102	Incorrect batchId. The number is too big. Max: 2147483647
120	Empty list
199	Errors in refund list. Refunds rejected. Occurs when there is an error in single refund (for example wrong amount, wrong orderId, etc.)
200	Empty list
300	Incorrect amount
301	Incorrect email address
302	Client rejected
701	Transaction verification error (error code and message included)
10000	Unknown error

Description**TestAccess** method

Method allows to test if access data are correct

Input data		
login	string	Partner ID in Przelewy24 system
pass	string	Unique key retrieved from Przelewy24

Output data		
return	bool	true – if given data are correct, false – otherwise

Sample PHP code

```
<?php
$soap = new SoapClient("https://secure.przelewy24.pl/external/wsd1/service.php?wsdl");
$test = $soap->TestAccess("9999", "anuniquekeyretrievedfromprzelewy24");
if ($test)
    echo 'Access granted';
else
    echo 'Access denied';
?>
```

TrnRefund method

Method sends a refund request to Przelewy24.

Notice: The refunded transaction must be "Completed"

Input data		
login	string	Partner ID in Przelewy24 system
pass	string	Unique key retrieved from Przelewy24
batch	int	Unique batch ID
list	ArrayOfRefund	List of transactions to be refunded

Input type	
ArrayOfRefund	An array of single refund array, with fields: orderId (int), sessionId (string), amount (int)

Output data		
return	TrnRefundResult	Two fields: error (<i>GeneralError</i>) and result (an array of <i>SingleRefund</i>)

Sample PHP code

```
<?php
$soap = new SoapClient("https://secure.przelewy24.pl/external/wsd/service.php?wsdl");
$refunds = array(
    0=> array(
        'sessionId' => 'na39asdfghvb54f5g6y7lrjc0',
        'orderId' => 919018,
        'amount' => 9000
    ),
    1=>array(
        'sessionId' => 'fff46yugr9037d92b54tg60e77',
        'orderId' => 819179,
        'amount' => 2000
    )
);
$res = $soap->TrnRefund('9999', 'anuniquekeyretrievedfromprzelewy24', time(), $refunds);
if ($res->error->errorCode > 0) {
    // something went wrong
    echo 'An error occurred: ' . $res->error->errorMessage;
    foreach ($res->result as $refund) {
        if ($refund->status)
            echo 'Transaction: ' . $refund->orderId . ' - OK.';
        else
            echo 'Transaction: ' . $refund->orderId . ' - ERROR: ' . $refund->error;
    }
} else {
    echo 'Refunds accepted.';
}
?>
```

TrnBySessionId method

Method returns an information about transaction.

Input data		
login	string	Partner ID in Przelewy24 system
pass	string	Unique key retrieved from Przelewy24
sessionId	string	SessionID field of transaction

Output data		
return	TransactionResult	Two fields: error (<i>GeneralError</i>) and result (an array of <i>Transaction</i>)

Sample PHP code

```
<?php
$soap = new SoapClient("https://secure.przelewy24.pl/external/wsd1/service.php?wsdl");
$res = $soap->TrnBySessionId('9999', 'anuniquekeyretrievedfromprzelewy24', 'f3958fjxsndri');
// $res->result contains data about transaction, or object with empty field in case of error
if ($res->error->errorCode) {
    echo 'Something went wrong: ' . $res->error->errorMessage;
} else {
    echo 'Transaction: ';
    $transaction = $res->result;
    // data of transaction: $transaction->orderId, $transaction->amount, $transaction->date
}
?>
```


TrnListByDate method

Method returns a list of transactions made on given date.

Input data		
login	string	Partner ID in Przelewy24 system
pass	string	Unique key retrieved from Przelewy24
date	string	Date in format: YYYYMMDD

Output data		
return	TransactionsResult	Two fields: error (<i>GeneralError</i>) and result (an array of <i>Transaction</i>)

Sample PHP code

```
<?php
$soap = new SoapClient("https://secure.przelewy24.pl/external/wsd1/service.php?wsdl");
$res = $soap->TrnListByDate('9999', 'anuniquekeyretrievedfromprzelewy24', '20110610');
// $res->result contains data about transactions, or object with empty field in case of error
if ($res->error->errorCode) {
    echo 'Something went wrong: ' . $res->error->errorMessage;
} else {
    echo 'Transaction: ';
    $LIST = $res->result;
    foreach ($LIST as $transaction) {
        // data of transaction: $transaction->orderId, $transaction->amount, $transaction->date
        // ...
    }
}
?>
```

TrnListByBatch method

Method returns a list of transactions transferred to Merchant in a single batch

Input data		
login	string	Partner ID in Przelewy24 system
pass	string	Unique key retrieved from Przelewy24
batch	int	An unqiue batch ID

Output data		
return	TransactionsResult	Two fields: error (<i>GeneralError</i>) and result (an array of <i>Transaction</i>)

Sample PHP code

```
<?php
$soap = new SoapClient("https://secure.przelewy24.pl/external/wsd1/service.php?wsdl");
$res = $soap->TrnListByBatch('9999', 'anuniquekeyretrievedfromprzelewy24', '123456');
// $res->result contains data about transactions, or object with empty field in case of error
if ($res->error->errorCode) {
    echo 'Something went wrong: ' . $res->error->errorMessage;
} else {
    echo 'Transaction: ';
    $LIST = $res->result;
    foreach ($LIST as $transaction) {
        // data of transaction: $transaction->orderId, $transaction->amount, $transaction->date
        // ...
    }
}
?>
```

RefundById method

Method returns an information about single refund

Input data		
login	string	Partner ID in Przelewy24 system
pass	string	Unique key retrieved from Przelewy24
orderId	int	An orderId (6 digits)

Output data		
return	RefundByIdResult	Two fields: error (<i>GeneralError</i>) and result (an array of <i>RefundInfo</i>)

Sample PHP code

```
<?php
$soap = new SoapClient("https://secure.przelewy24.pl/external/wsd1/service.php?wsdl");
$res = $soap->RefundById('9999', 'anuniquekeyretrievedfromprzelewy24', '123456');
// $res->result contains data about refunds, or object with empty field in case of error
if ($res->error->errorCode) {
    echo 'Something went wrong: ' . $res->error->errorMessage;
} else {
    echo 'Refund(s): ';
    $LIST = $res->result;
    foreach ($LIST as $refund) {
        // data of refund: $refund->orderId, $refund->amount, $refund->date
        // ...
    }
}
?>
```

TrnRegister method

Method registers transaction in the system and returns payment information (title, IBAN, etc.)

Input data		
login	string	Partner ID in Przelewy24 system
pass	string	Unique key retrieved from Przelewy24
details	TransactionDataIn	An object with data to register transaction

Output data		
return	TrnRegisterResult	Two fields: error (<i>GeneralError</i>) and result (<i>TransactionDataOut</i>)

Sample PHP code

```
<?php
$soap = new SoapClient("https://secure.przelewy24.pl/external/wsd/service.php?wsdl");
$transaction = array(
    'sessionId' => '2b50516e440e77',
    'email' => 'jan@kowalski.pl',
    'amount' => 2000,
    'methodId' => 0,
    'client' => 'Jan Kowalski',
    'street' => 'Warszawska 111',
    'city' => 'Poznan',
    'zip' => '60-000',
    'country' => 'Poland',
    'description' => 'Test transaction'
);
$res = $soap->TrnRegister('9999', 'anuniquekeyretrievedfromprzelewy24', $transaction);
// $res->result contains data about transaction, or object with empty field in case of error
if ($res->error->errorCode) {
    echo 'Something went wrong: ' . $res->error->errorMessage;
} else {
    echo 'Transaction data: ';
    $T = $res->result;
    $orderId = $T->orderId; // or $T->orderIdFull
    $IBAN = $T->ban;
    echo 'You should pay to: ' . $IBAN . ', with title: p24-' . $orderId;
}
?>
```

PaymentMethods method

Method returns a list of payment methods

Input data		
login	string	Partner ID in Przelewy24 system
pass	string	Unique key retrieved from Przelewy24
lang	string(2)	A language code. One of these: "pl" , "en"

Output data		
return	PaymentMethodsResult	Two fields: error (<i>GeneralError</i>) and result (an array of <i>PaymentMethod</i>)

Sample PHP code

```
<?php
$soap = new SoapClient("https://secure.przelewy24.pl/external/wsd1/service.php?wsdl");
$res = $soap->PaymentMethods('9999', 'anuniquekeyretrievedfromprzelewy24', 'en');
// $res->result contains data about payment methods
if ($res->error->errorCode) {
    echo 'Something went wrong: ' . $res->error->errorMessage;
} else {
    echo 'Payment methods: ';
    $LIST = $res->result;
    foreach ($LIST as $pm) {
        // data of payment method: $pm->name, $pm->id, $pm->status
        // ...
    }
}
?>
```

CurrencyExchange method

Method returns a list of four currency exchanges (rate is lower than average from NBP)

Input data		
login	string	Partner ID in Przelewy24 system
pass	string	Unique key retrieved from Przelewy24

Output data		
return	CurrencyExchangeResult	Two fields: error (<i>GeneralError</i>) and result (an array of <i>CurrencyExchange</i>)

Sample PHP code

```
<?php
$soap = new SoapClient("https://secure.przelewy24.pl/external/wsd1/service.php?wsdl");
$res = $soap->CurrencyExchange('9999', 'anuniquekeyretrievedfromprzelewy24');
// $res->result contains data about rates
if ($res->error->errorCode) {
    echo 'Something went wrong: ' . $res->error->errorMessage;
} else {
    echo 'Exchange rates: ';
    $LIST = $res->result;
    foreach ($LIST as $rate) {
        // data: $rate->code, $rate->exchnng
    }
}
?>
```

BatchList method

Method returns a list of batches (outgoing transfers from System – last 90 days)

Input data		
login	string	Partner ID in Przelewy24 system
pass	string	Unique key retrieved from Przelewy24

Output data		
return	BatchListResult	Two fields: error (<i>GeneralError</i>) and result (an array of <i>Batch</i>)

Sample PHP code

```
<?php
$soap = new SoapClient("https://secure.przelewy24.pl/external/wsd1/service.php?wsdl");
$res = $soap->BatchList('9999', 'anuniquekeyretrievedfromprzelewy24');
if ($res->error->errorCode) {
    echo 'Something went wrong: ' . $res->error->errorMessage;
} else {
    echo 'Batch list: ';
    $LIST = $res->result;
    foreach ($LIST as $batch) {
        // data: $batch->batchID, $batch->dateIn,
        // $batch->dateOut (if empty - transfer is pending)
    }
}
?>
```


VerifyTransaction method

Method for verifying transactions

Input data		
login	string	Partner ID in Przelewy24 system
pass	string	Unique key retrieved from Przelewy24
orderId	int	P24 OrderID (6 digits)
sessionId	string	Session ID
amount	int	Amount in Polish Grosz (PLN/100)

Output data		
return	VerifyTransactionResult	Two fields: error (<i>GeneralError</i>) and result (bool – true if transaction is OK, otherwise false – an errorMessage is returned then)

Sample PHP code

```
<?php
$soap = new SoapClient("https://secure.przelewy24.pl/external/wsd1/service.php?wsdl");
$res = $soap->VerifyTransaction('9999', 'keyfromprzelewy24', 123456, 'abcdef', 1000);
if ($res->error->errorCode) {
    echo 'Something went wrong: ' . $res->error->errorMessage;
} else {
    echo 'Transaction OK';
}
?>
```

DenyTransaction method

Method for denying transactions

Input data		
login	string	Partner ID in Przelewy24 system
pass	string	Unique key retrieved from Przelewy24
orderId	int	P24 OrderID (6 digits)
sessionId	string	Session ID

Output data		
return	DenyTransactionResult	Two fields: error (<i>GeneralError</i>) and result (bool – true if transaction is denied, otherwise false – an errorMessage is returned then)

Sample PHP code

```
<?php
$soap = new SoapClient("https://secure.przelewy24.pl/external/wsd1/service.php?wsdl");
$res = $soap->DenyTransaction('9999', 'keyfromprzelewy24', 123456, 'abcdef');
if ($res->error->errorCode) {
    echo 'Something went wrong: ' . $res->error->errorMessage;
} else {
    echo 'Transaction OK';
}
?>
```