

Web Active Corporation

24 Hour Transaction Report Web Service

Data type and field specifications

Jason Jeffries
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Contents

Introduction.....	3
Transaction 24 Hour Report By Invoice Reference	4
Data Field Specifications.....	4
Validation	4
Transaction 24 Hour Report By Reference ID	5
Data Field Specifications.....	5
Validation	5
Appendix A: Request and Response Format	6
Transaction24HourReportByInvoiceReference	6
Transaction24HourReportByReferenceID	7
Appendix B – Error Messages	9

Introduction

This document will specify the methods which are available in the 24 Hour Transaction Report Web Service. The request and response format of the web methods are described along with the field specification and validation required for each of the methods.

The following methods are available.

- Transaction24HourReportByInvoiceReference
- Transaction24HourReportByReferenceID

To able to call the above web service methods, eWAYCustomerID, username and password need to be specified in soap header.

For both of the web methods available only one result will be returned. To ensure that you are receiving the correct transaction it is important to make sure the transaction number that is passed into the original payment request is unique for all transactions. The result will only be returned if the payment was attempted in the last 24 hours.

Transaction 24 Hour Report By Invoice Reference

Used for searching for transactions by the Invoice Reference passed to the Payment Gateway with the original transaction, the field in the original transaction would be

<ewayCustomerInvoiceRef>

Data Field Specifications

The following table lists all the field names and their maximum length, and it also specifies the required fields.

Soap Header	Maximum Field length	Required
ewayCustomerID	8	✓
Username	100	✓
Password	50	

Request Fields	Maximum Field length	Required
ewayTrxnReference	50	✓

Response Fields	Response Fields	Required
ewayTrxnReference	50	
ewayAuthCode	6	
ewayReturnAmount	12	
ewayTrxnNumber	16	
ewayTrxnStatus	6	
ewayTrxnError	225	

Validation

When calling this method, the following regulations need to be followed.

- The transaction being referenced by the Invoice Reference Description occurred within the last 24 hours.
- Your eWAY account has not exceeded the maximum allowable times calling this service.

Transaction 24 Hour Report By Reference ID

Used for searching for transactions by the Reference Number passed to the Payment Gateway with the original transaction. This is the <ewayTrxnNumber> that is passed *into* the Payment Gateway; also known as <ewayTrxnReference> when the transaction result is originally *returned* from the Payment Gateway

Data Field Specifications

The following table lists all the field names and their maximum length, and it also specifies the required fields.

Soap Header	Maximum Field length	Required
ewayCustomerID	8	✓
Username	100	✓
Password	50	✓

Request Fields	Maximum Field length	Required
ewayTrxnReference	50	✓

Response Fields	Maximum Field length	Required
ewayTrxnReference	50	
ewayAuthCode	6	
ewayReturnAmount	12	
ewayTrxnNumber	16	
ewayTrxnStatus	6	
ewayTrxnError	225	

Validation

When calling this method, the following regulations need to be followed.

- Invoice Reference Number is required.
- The transaction being reference by the Invoice Reference Number occurred within the last 24 hours.
- Your eWAY account has not exceeded the maximum allowable times calling this service.

Appendix A: Request and Response Format

Transaction24HourReportByInvoiceReference

Request

```
<soap:Header>
  <eWAYHeader
    xmlns="http://www.eway.com.au/gateway/services/Transaction24HourReport">
    <eWAYCustomerID>87654321</eWAYCustomerID>
    <Username>test@eway.com.au</Username>
    <Password>test</Password>
  </eWAYHeader>
</soap:Header>
<soap:Body>
  <Transaction24HourReportByInvoiceReference
    xmlns="http://www.eway.com.au/gateway/services/Transaction24HourReport">
    <ewayCustomerInvoiceRef>1234567</ewayCustomerInvoiceRef >
  </Transaction24HourReportByInvoiceReference >
</soap:Body>
```

Successful Response

```
<ewayResponse>
  <ewayTrxnError></ewayTrxnError>
  <ewayTrxnStatus> True </ewayTrxnStatus>
  <ewayTrxnNumber> 10002 </ewayTrxnNumber>
  <ewayTrxnOption1></ewayTrxnOption1>
  <ewayTrxnOption2></ewayTrxnOption2>
  <ewayTrxnOption3></ewayTrxnOption3>
  <ewayReturnAmount> 10 </ewayReturnAmount>
  <ewayAuthCode> 123456 </ewayAuthCode>
  <ewayTrxnReference> 1234567</ewayTrxnReference>
</ewayResponse>
```

Transaction24HourReportByInvoiceReference (Cont'd)

Failed Response

```
<ewayResponse>
  <ewayTrxnError>Relevant Error Message Here (see appendix B)</ewayTrxnError>
  <ewayTrxnStatus></ewayTrxnStatus>
  <ewayTrxnNumber></ewayTrxnNumber>
  <ewayTrxnOption1></ewayTrxnOption1>
  <ewayTrxnOption2></ewayTrxnOption2>
  <ewayTrxnOption3></ewayTrxnOption3>
  <ewayReturnAmount></ewayReturnAmount>
  <ewayAuthCode></ewayAuthCode>
  <ewayTrxnReference></ewayTrxnReference>
</ewayResponse>
```

Transaction24HourReportByReferenceID

Request

```
<soap:Header>
  <eWAYHeader
    xmlns="http://www.eway.com.au/gateway/services/Transaction24HourReport">
    <eWAYCustomerID>87654321</eWAYCustomerID>
    <Username>test@eway.com.au</Username>
    <Password>test</Password>
  </eWAYHeader>
</soap:Header>
<soap:Body>
  <Transaction24HourReportByReferenceID
    xmlns="http://www.eway.com.au/gateway/services/Transaction24HourReport">
    <ewayTrxnReference>Test Transaction 1</ewayTrxnReference>
  </Transaction24HourReportByReferenceID >
</soap:Body>
```

Transaction24HourReportByReferenceID (Cont'd)

Successful Response

```
<ewayResponse>
  <ewayTrxnError></ewayTrxnError>
  <ewayTrxnStatus> True </ewayTrxnStatus>
  <ewayTrxnNumber> 10002 </ewayTrxnNumber>
  <ewayTrxnOption1></ewayTrxnOption1>
  <ewayTrxnOption2></ewayTrxnOption2>
  <ewayTrxnOption3></ewayTrxnOption3>
  <ewayReturnAmount> 10 </ewayReturnAmount>
  <ewayAuthCode> 123456 </ewayAuthCode>
  <ewayTrxnReference> 1234568</ewayTrxnReference>
</ewayResponse>
```

Failed Response

```
<ewayResponse>
  <ewayTrxnError>Relevant Error Message Here (see appendix B)</ewayTrxnError>
  <ewayTrxnStatus></ewayTrxnStatus>
  <ewayTrxnNumber></ewayTrxnNumber>
  <ewayTrxnOption1></ewayTrxnOption1>
  <ewayTrxnOption2></ewayTrxnOption2>
  <ewayTrxnOption3></ewayTrxnOption3>
  <ewayReturnAmount></ewayReturnAmount>
  <ewayAuthCode></ewayAuthCode>
  <ewayTrxnReference></ewayTrxnReference>
</ewayResponse>
```

Appendix B – Error Messages

Error Message	Reason
<i>Service Currently Unable to Validate Merchant Entered or Maximum Attempts have been made</i>	Incorrect merchant details supplied or maximum allowable attempts have been made to the web service for the current day
<i>Invalid Invoice Reference</i>	ewayCustomerInvoiceRef was not supplied for the web method Transaction24HourReportByInvoiceReference
<i>Unable to Find the Transaction Requested within allowable period</i>	The transaction being searched for could not be found, either it never happened or was more than 24 hours from the current time