

Remote Lookup (Quick) Interface API

Quick lookup queries are initiated via an HTTP GET query to a Paystation Lookup URL, with the response sent directly back as an XML formatted response which includes the shopping transaction, financial transaction and authentication data from the banks Internet gateway stored at the time of the purchase transaction. The lookup can be referenced by either a previously used Merchant Session (ms) value, or from the Transaction ID (ti).

The quick lookup is IP limited – please tell Paystation what IP numbers you will be running your queries from for them to adjust the security settings on the account.

The following is an example URL, which will begin a quick lookup and return an XML result.

```
https://payments.paystation.co.nz/lookup/?pi=850047&ms=123
```

- or -

```
https://payments.paystation.co.nz/lookup/?pi=850047&ti=0000585260-01
```

After a request is sent Paystation will respond with an XML formatted string. An example of the XML returned is given below:

```
<PaystationQuickLookup>
<LookupStatus>
<LookupCode>00</LookupCode>
<LookupMessage>Successful</LookupMessage>
<RemoteHostAddress>210.4.210.2</RemoteHostAddress>
</LookupStatus>
<LookupResponse>
<CardNo>512345XXXXXXX2346</CardNo>
<CardExpiry>1305</CardExpiry>
<AcquirerName>ASB</AcquirerName>
<AcquirerMerchantID>TEST850047</AcquirerMerchantID>
<PaystationUserID>auto_old_id</PaystationUserID>
<PaystationTransactionID>0008818262-01</PaystationTransactionID>
<MerchantSession>AlTCBrvb1308708952</MerchantSession>
<TransactionTime>2011-06-22 14:16:26</TransactionTime>
<PurchaseAmount>1000</PurchaseAmount>
<ReturnReceiptNumber>TEST850047</ReturnReceiptNumber>
<ShoppingTransactionNumber/>
<AcquirerResponseCode>00</AcquirerResponseCode>
<QSIResponseCode>0</QSIResponseCode>
<PaystationErrorCode>0</PaystationErrorCode>
<BatchNumber>0622</BatchNumber>
<CardType>MC</CardType>
<AuthorizeID/>
<POPPErrCode/>
<POPPErrMessage/>
<TransactionProcess>purchase</TransactionProcess>
<RefundAmount/>
<PaystationErrorMessageExtended/>
</LookupResponse>
</PaystationQuickLookup>
```

GET query variables

`https://payments.paystation.co.nz/lookup/?pi=850047&ms=123`

- or -

`https://payments.paystation.co.nz/lookup/?pi=850047&ti=0000585260-01`

Variable	Value	Description
ms	String value	Merchant Session – the unique identification code sent to Paystation as the [ms] value in the original payment request.
ti	String value	The original transaction ID that Paystation has assigned to the transaction.
pi	String value	Merchants Paystation ID.

Response Fields

The response is sent in the form of an XML packet. You will be able to extract the response values using the standard tools available within your development environment.

Variable	Description
AcquirerName	Merchants Acquirer Name
AcquirerMerchantID	The acquirer's merchant ID used for the transaction
PaystationUserID	Paystation username
PaystationTransactionID	A string containing the unique transaction ID assigned to the transaction attempt by the Paystation server.
PurchaseAmount	The amount of the transaction, in cents.
MerchantSession	A string containing the unique reference assigned to the transaction by the merchants system
ReturnReceiptNumber	The RRN number is a virtual terminal counter for the transaction and is not unique.
ShoppingTransactionNumber	Unique bank reference assigned to the transaction
AcquirerResponseCode	Acquirer's response code. The result code's vary from acquirer to acquirer and is included for debugging purposes. Please process transaction result from the PaystationErrorCode.
QSIResponseCode	Payment Server Response code – the actual raw result from the payment server. Please process transaction result from the PaystationErrorCode.
PaystationErrorCode	The result of the transaction
BatchNumber	The Batch number on the Payment Server that this transaction will be added to in order to be processed by the acquiring institution.
Cardtype	The card type used

Lookup Failures

The XML response for a failed look-up could be as follows.

```
<PaystationQuickLookup>
<LookupStatus>
<LookupCode>03</LookupCode>
<LookupMessage>Access denied for user [123456]</LookupMessage>
<RemoteHostAddress>123.123.123.12</RemoteHostAddress>
</LookupStatus>
</PaystationQuickLookup>
```

response_error values

response_error value	Description
	No error – look-up successful.
Access denied for user.	The IP address for the server or computer making the request is not set up in the Paystation system. Contact the Paystation team requesting your IP to be added to the list of allowed hosts for your Paystation ID.
Matching transaction could not be found.	The transaction was not found. If you are certain that the transaction exists, it could be the transaction is a result of a ‘found’ transaction, which is not currently searched on quick look-ups. This error also occurs when the pi value is incorrect or the merchants Paystation account has been disabled.