



VoicePay®

**Remote Interface Technical Integration Guide V1.3**

January 2010

## Table of Contents

Table of Contents .....	2
1 About This Guide .....	3
2 Introduction - VoicePay® .....	4
3 VoicePay® Remote.....	5
3.1 Submitting an Authorisation Request .....	5
3.2 Example Authorisation Request.....	7
3.3 Authorisation Request Response .....	7
4. Testing your VoicePay® Integration .....	8

## 1 About This Guide

Welcome to the VoicePay<sup>®</sup> Remote Interface Technical Integration Guide. This guide explains in detail how to integrate your business to the VoicePay<sup>®</sup> payment processing system and optionally take advantage of our patented VoicePay<sup>®</sup> voice signature technology. It provides step-by-step instructions on how to simply and quickly get up and running with our services as well as detailed reference material.

This guide assumes a working knowledge of HTML and forms but you do not need in-depth knowledge of these concepts to integrate with us and process payments through VoicePay<sup>®</sup>.

In addition to this guide we have a team of specialists providing technical support during your integration with VoicePay<sup>®</sup>. To receive support please visit our website - <http://www.voice-pay.com> – and go to the Contact section for details on how to log support calls with us.

## 2 Introduction - VoicePay<sup>®1</sup>



VoicePay<sup>®</sup> is your one-stop payments provider. We offer secure processing of credit and debit card payments both online and over the phone and our rates are amongst the most attractive available anywhere.

We can process payments for your business worldwide in multiple currencies and our anti-fraud technology virtually eliminates chargebacks. In addition we offer the unique VoicePay<sup>®</sup> voice authenticated payment account for individuals which allows consumers to authorize transactions using their own unique voice signature.

VoicePay<sup>®</sup> enables payments and purchases to be undertaken by your customers in 3 ways

- Using a credit or debit card over the Internet
- Using a VoicePay<sup>®</sup> Account over the Internet
- Using VoicePay<sup>®</sup> Mobile to make payments from anywhere.

If you choose to integrate with VoicePay<sup>®</sup> in the standard internet merchant method then your customer will be presented with a branded version of our hosted payment pages which will present him or her with a choice of these 3 payment options.

If you are integrating your online store or application to VoicePay<sup>®</sup> using the Remote Interface where you host all of the cardholder and transaction details on your systems then only credit and debit card processing is available.

---

<sup>1</sup> Registered EU Trademark, USA Pending

### 3 VoicePay® Remote

The VoicePay® Remote Interface is a mechanism that allows you to collect cardholder and transaction details within your application or online store and to submit them directly to VoicePay® for processing. This differs from the standard Internet Merchant integration where you submit the transaction details only to VoicePay® and we collect the cardholder details.

Using the VoicePay® Remote Interface would be applicable if you have an online store and you wish your shoppers to remain on your site for the whole duration of the transaction. If you take orders over the phone then it would make sense to integrate your backend order processing application to VoicePay® using the Remote Interface and avoid your operators having to enter credit card details into the virtual terminal.

#### 3.1 Submitting an Authorisation Request

The purchase request takes the form of a POST request containing a description of the goods or services being purchased, the total cost, your VoicePay® store ID and credit card and address details of the customer. The POST request must be UTF-8 encoded and submitted to:

*<https://secure.voice-pay.com/gateway/remote>*

If the purchase consists of more than one item, your shopping system must total all the items into a single description and cost (Total = £/\$ 35.87) and submit a final single total purchase value.

The following table lists the parameters that can be passed to the remote interface. Please note that at a minimum any submission must include those parameters listed as Mandatory.

Parameter	Description	Sale	Refund / Void	Verify	Sale (recurring)
<b>auth_id</b>	Must be set to the Profile ID	M <sup>2</sup>	M	M	M
<b>auth_pass</b>	Authentication password	M	M	M	M
<b>card_num</b>	Card number. Send as digits only, no separators.	M	O <sup>3</sup>	M	O
<b>card_cvv</b>	Card security code. Must be sent if the transaction is of	C <sup>4</sup>	N/A	M	N/A

	type 'Sale' and class 'MoTo'.				
<b>card_start</b>	Card start date. Format is MMY. Only send if the card requires this, such as some UK Maestro or Solo cards.	O	O	O	O
<b>card_issue</b>	Card issue number. Only send if the card requires this, such as some UK Maestro or Solo cards.	O	O	O	O
<b>card_expiry</b>	Card expiry date, format is MMY	M	O	M	M
<b>cust_name</b>	Customer name	M	O	M	M
<b>cust_address</b>	Customer address. Multiple lines can be separated using the new line character (ASCII code 10)	M	O	M	M
<b>cust_postcode</b>	Customer post/zip/area code	O	O	M	M
<b>cust_country</b>	Customer country, ISO3166 2 character code.	M	O	M	M
<b>cust_ip</b>	Customers IP address	M	O	M	M
<b>cust_email</b>	Customers Email address	M	O	M	M
<b>cust_tel</b>	Customers telephone number	O	O	M	M
<b>tran_ref</b>	Transaction reference (e.g. cart ID)	M	O	M	M
<b>tran_desc</b>	Transaction description	O	O	O	O
<b>tran_amount</b>	Transaction amount to 2 decimal places, e.g. 24.99. No currency symbols to be included.	M	M	M (at least 5 major units)	M
<b>tran_currency</b>	Transaction currency, 3 character code	M	M	M	M
<b>tran_testmode</b>	Transaction test indicator. 0=Live, 1=Test	M	M	M	M
<b>tran_type</b>	Transaction type - Sale, Refund, Void or Verify	M	M	M	M
<b>tran_class</b>	Transaction class – MoTo or Cont	M	M	M (Must be MoTo)	M (Must be Cont)
<b>tran_orig_id</b>	Original transaction ID. Must be supplied for any refund, void or recurring transactions.	C	M	C	M

### 3.2 Example Authorisation Request

Following is an example of an authorization request to the VoicePay<sup>®</sup> remote interface.

```
auth_id=1234&auth_pass=Password&card_num=4000000000000002&card_cvv=123&card_expir  
y=0112&cust_name=Testing&cust_address=My%20house%0AMy%20street%0AMy%20Town&c  
ust_country=GB&cust_ip=123.45.67.89&cust_email=test@test.com&tran_ref=abc123&tran_amo  
unt=9.99&tran_currency=GBP&tran_testmode=0&tran_type=Sale&tran_class=MoT
```

### 3.3 Authorisation Request Response

The response consists of the authorisation status code, transaction ID, AVS/CVV checks, authorisation code and authorisation message. These fields are separated using the vertical bar character. An authorisation status of 'A' indicates that the transaction was authorised, anything else indicates that it was not.

Example responses:

Example Response	Meaning
<i>A 01S00001724 232 031971 Authorised</i>	<i>Authorised. Transaction ID: 01S00001724 AVS/CVV:232 Authorisation code: 031971</i>
<i>D 01S00001722 400 D102 Not Authorised</i>	<i>Not authorized Transaction ID: 01S00001722 AVS/CVV: 400</i>

The AVS/CVV result is a 3 digit value, each digit representing a different check.

The first check is the CVV, the second is the address and the third is the postcode.

The possible values for each digit are as follows:

Value	Meaning
0	Check was not done
1	Check was not available
2	Full match
3	Partial match
4	Not matched
5	<i>Error</i>

A partial match is only possible for address or postcode data, not for CVV.

Not all acquirers or issuers support all of these checks, in which case the results will be either 0 or 1.

Example responses:

Response	CVV	Address	Postcode
232	Full match	Partial match	Full match
400	Not matched	Not checked	Not checked

#### 4. Testing your VoicePay® Integration

You can test your integration using the following test Visa card numbers.

**NOTE:** These test card numbers can only be used in the test environment.

Card Number	Expiry Date	CVV
4000000000000002	Any valid expiry date, such as 11/2011	123
4111111111111111	Any valid expiry date, such as 11/2011	555