



# Using The Demo System

Merchant/Developer User Guide Version 1.0  
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## Introduction

The purpose of this document is to outline the features and services available to merchants and developers as part of the Flo2Cash demonstration system and how it differs from the Flo2Cash production system. The following features, applications and services are available in the demo system:

- Merchant Console
- Web Payments
- Payment Web Service
- Recurring Payments

Appendix A details the card numbers that can be used to process payments in the demo system; it also contains a selection of cent amounts that can be used to simulate declined payments.

## Obtaining a Demo Account

Please contact Flo2Cash at [support@flo2cash.co.nz](mailto:support@flo2cash.co.nz) to request a demo account. Once created you will be provided with all the details you require to access the demo system.

## Merchant Console

The Merchant Console offers merchants an online portal for viewing and managing their Flo2Cash account. In the demo system the following functionality is available:

- Channel Settings (Web Payments)
- Recurring Card Payments
- Batch Card Payments
- Virtual Terminal
- Card Tokenisation
- Card Transaction Search
- Reporting

Note: Recurring card payments and batch card payments can be created for testing and demonstration purposes but actual payments will not be processed.

The demo Merchant Console can be accessed at the following URL:

<https://demo.flo2cash.co.nz/client>

## Web Payments

### Hosted Payment Page

Web Payments allow merchants to integrate a payment processing workflow into their own website or software via a hosted payment page. Flo2Cash also provide a selection of custom built payment plugins for most of the leading shopping cart providers making integration with your ecommerce application as easy as installing the plugin and a few basic configuration steps; all shopping carts work with both the demo and production systems - to find out more regarding the shopping carts offered by Flo2Cash please visit our website [www.flo2cash.co.nz](http://www.flo2cash.co.nz).

To integrate with Web Payments please use the instructions provided in the integration guide available on our website

[Web Payments Guide](#)

When using Web Payments with the demo system you will need to ensure you post your form data to the following URL:

<https://demo.flo2cash.co.nz/web2pay/default.aspx>

You will need to supply the account Id for your demo account; this will be provided to you when you receive your demo account details.

## Merchant Notification Service (MNS)

If you wish to use and test the MNS with your demo account, please ensure you change the URL where you post your data to:

<https://demo.flo2cash.co.nz/web2pay/MNSHandler.aspx>

**Important:** When moving your solution from the demo system to the production system you must change both the URL and account ID to avoid errors. The URLs for the production system are:

<https://secure.flo2cash.co.nz/web2pay/default.aspx>

<https://secure.flo2cash.co.nz/web2pay/MNSHandler.aspx>

You will be provided with a production account ID when you sign up with Flo2Cash.

## Payment Web Service

The Payment Web Service is a SOAP service that allows merchants to integrate payments directly into their website or software. The web service supports multiple operations all of which are detailed along with any requirements and technical implementation in the integration guide available on our website

### [Payment Web Service API](#)

When using Payment Web Service with the demo system you will need to ensure you connect to the following URL:

<https://demo.flo2cash.co.nz/ws/paymentws.asmx>

You will need to supply the username, password and account Id for your demo account; this will be provided to you when you receive your demo account details. Payment Web Service credentials are not created by default so you will need to specifically state your requirement for this in your demo account request.

**Important:** When moving your solution from the demo system to the production system you must change the URL, account ID, username and password and to avoid errors. The URL for the production system is:

<https://secure.flo2cash.co.nz/ws/paymentws.asmx>

You will be provided with production credentials and account ID when you sign up with Flo2Cash.

**Important:** If you are collecting card data in your own software or website you will be subject to PCI DSS - <https://www.pcisecuritystandards.org/>. For this reason, Flo2Cash

recommends that you do not collect card data yourself but either use our Web Payments hosted payment page solution or tokenise the card data with Flo2Cash and make payments through the Payment Web Service with the card token. For more information on card tokenisation please visit our website [www.flo2cash.co.nz](http://www.flo2cash.co.nz) or contact us at [support@flo2cash.co.nz](mailto:support@flo2cash.co.nz).

## Recurring Payments

The Flo2Cash Recurring Payments is designed for businesses who wish to set up recurring payments online from their websites. Customers have the option to either set up a recurring card payment using their credit cards or scheme debit cards or a recurring direct debit payment using their bank account details. Once set up, recurring payments are recorded in Flo2Cash and payments automatically processed on the payment dates.

To integrate with Recurring Payments please use the instructions provided in the integration guide available on our website

[Flo2Cash Recurring Payments Integration Guide](#)

## Recurring card payments

When using the recurring card payment system with the demo system you will need to ensure you connect to the following URL:

<https://demo.flo2cash.co.nz/recurringpayments/RCP/default.aspx>

You will need to supply account Id for your demo account; this will be provided to you when you receive your demo account details. Recurring card payments are not enabled by default so you will need to specifically state your requirement for this in your demo account request.

**Important:** When moving your solution from the demo system to the production system you must change the URL and the account ID to avoid errors. The URL for the production system is:

<https://secure.flo2cash.co.nz/recurringpayments/RCP/default.aspx>

You will be provided with the production account ID when you sign up with Flo2Cash.

## Recurring direct debit payments

When using the **recurring direct debit payment** system with the demo system you will need to ensure you connect to the following URL:

<https://demo.flo2cash.co.nz/recurringpayments/RDD/default.aspx>

You will need to supply your account Id for your demo account; this will be provided to you when you receive your demo account details. Recurring direct debit payments are not enabled by default so you will need to specifically state your requirement for this in your demo account request.

**Important:** When moving your solution from the demo system to the production system you must change the URL and the account ID to avoid errors. The URL for the production system is:

<https://secure.flo2cash.co.nz/recurringpayments/RDD/default.aspx>

You will be provided with the production account ID when you sign up with Flo2Cash. Please note that direct debits will not be processed in the demo system, as the demo system does not connect with the banking system.

## APPENDIX A - CARD DETAILS

To make card payments in the demo system you must use one of the cards listed below. Use of other cards will result in a payment failure.

**Important:** Please ensure you do not use real card data with the demo system.

| Card Type        | Number           | Expiry Date | CVV/CSC |
|------------------|------------------|-------------|---------|
| MasterCard       | 5123456789012346 | 0517        | 111     |
| Visa             | 4987654321098769 | 0517        | 111     |
| Visa             | 4005550000000001 | 0517        | 111     |
| American Express | 345678901234564  | 0517        | 1111    |
| Diners Club      | 30123456789019   | 0517        |         |

**Note:** You can use any card holder name with the demo system.

## Simulated Transaction Results

By passing different transaction amounts you can simulate different transaction results. The transaction result is specifically linked to the cent value of the transaction amount. Use the following cent values to generate the results shown in the table below. For example; if you pass a transaction amount of \$10.00 the transaction will be successful, whereas if you pass \$17.51 the transaction will be declined due to insufficient funds.

| Cent Value | Result Returned               |
|------------|-------------------------------|
| 00         | Successful                    |
| 05         | Declined - Bank declined      |
| 10         | Declined - Bank error         |
| 51         | Declined - Insufficient funds |
| 54         | Declined - Expired card       |
| 68         | Failed - No reply from bank   |

**Note:** Use of other cent values will result in a declined or failed transaction with no relevant reason for testing.