

NWI
GROUP



FlexPoint

Recipe &
Formulation
Software



nwigroup.com.au

**World-class precision,
locally delivered.**

Introduction

Ensuring compliance to a recipe weighing process does not need to be as complex as it may seem, with simple and efficient solutions available from NWI Group.

It doesn't matter if you are weighing a few ingredients for a simple recipe in a food manufacturing environment, or a more complex recipe in a food, medical, or pharmaceutical process, NWI have a solution for you.

Bespoke Solutions

Our recipe weighing systems are capable of storing multiple ingredients, multiple recipes, multiple operators and of course, all of this information is backed up in a user-friendly database.

Standard solutions with minor "editing" by our in-house software team are available to suit your requirements. Complete bespoke solutions for deeper levels of compliance and traceability can be designed with your input and required outcome being considered as part of the process along the way.



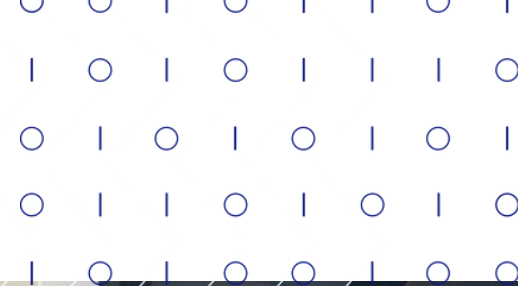
Recipe Weighing & Formulation Solution

Food manufacturing companies are under increased pressure to improve plant productivity, product quality and consumer safety. Ingredient traceability and process tracking play central roles.

A prerequisite to the traceability required is documentation of all relevant formulation and weighing activities. A computer-guided and networked rather than paper-based production system provides easily accessible production data.

Efficient and simple to operate

NWI Group have developed an on-site and cloud-based recipe & formulation management system using the Bilanciai series of Diade & FLYNET touchscreen weighing terminals to provide an intuitive, efficient and simple to operate solution for food & beverage, pharmaceutical, chemical and plastics manufacturers.



Advantages

The system features unmatched flexibility, with advanced batching control technology including:

- Tracking and traceability of material, lot and batch.
- Manual and automatic batching.
- Eliminates rework caused by incorrect or mis-weighed materials.
- Use lot number to find bad lots or recall batches at the touch of a button.
- Works as a stand-alone terminal for single or multi-scale applications.



Advantages

- Optimizes your Batch process with consistent, accurate material transfers.
- Minimizes material waste, improves batch quality and yields increased profits.
- Meets legal metrology and safety standards.
- Features intelligent recovery from power loss to prevent waste of valuable material.
- Has print capability for end-of-batch summary and custom print messages.
- Features cloud ERP Integration so materials and batching information can be shared with an appropriate accounting system for complete traceability.



Manage the system with the on-premise server or cloud-based utility tool:


- Manage your recipes, orders, batch history, printing and track and trace needs with the cloud-based tool.
- Create production orders and download them to a terminal, where the operator can view an order list and make a selection to initiate production.






NWI Recipe System V1.0

Enter Number Of Batches


2

1	Tub Please place the tub on the scale		CLEAR
4			ACKSPACE
7			8
-	0	.	ENTER

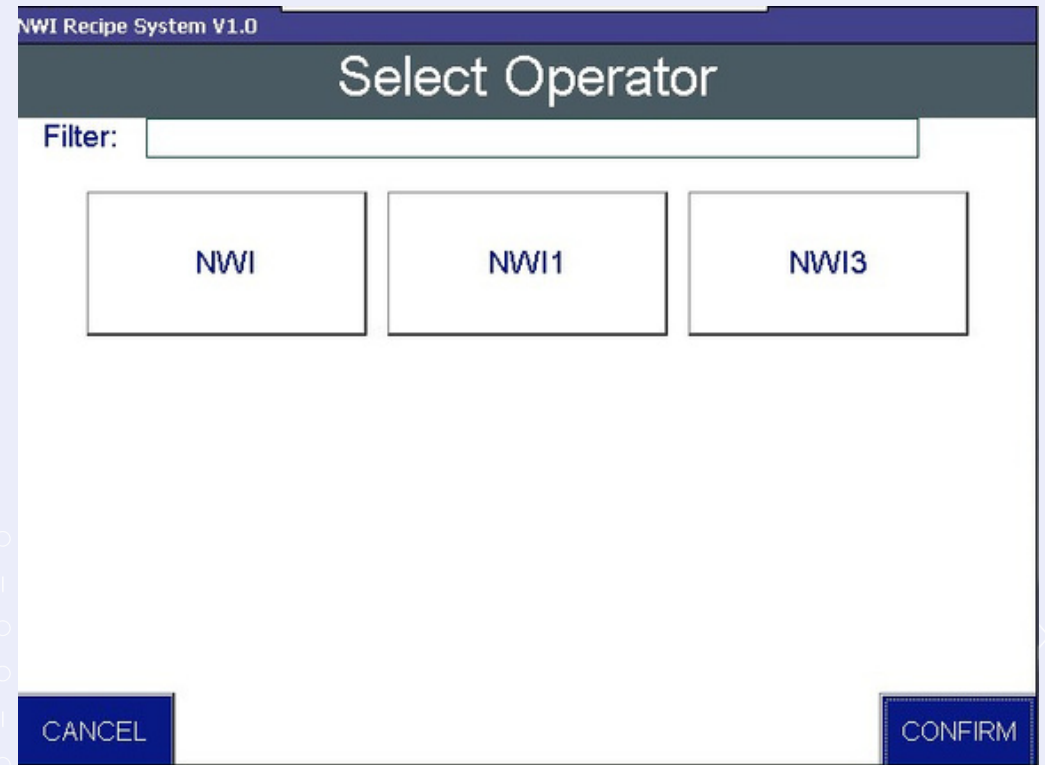
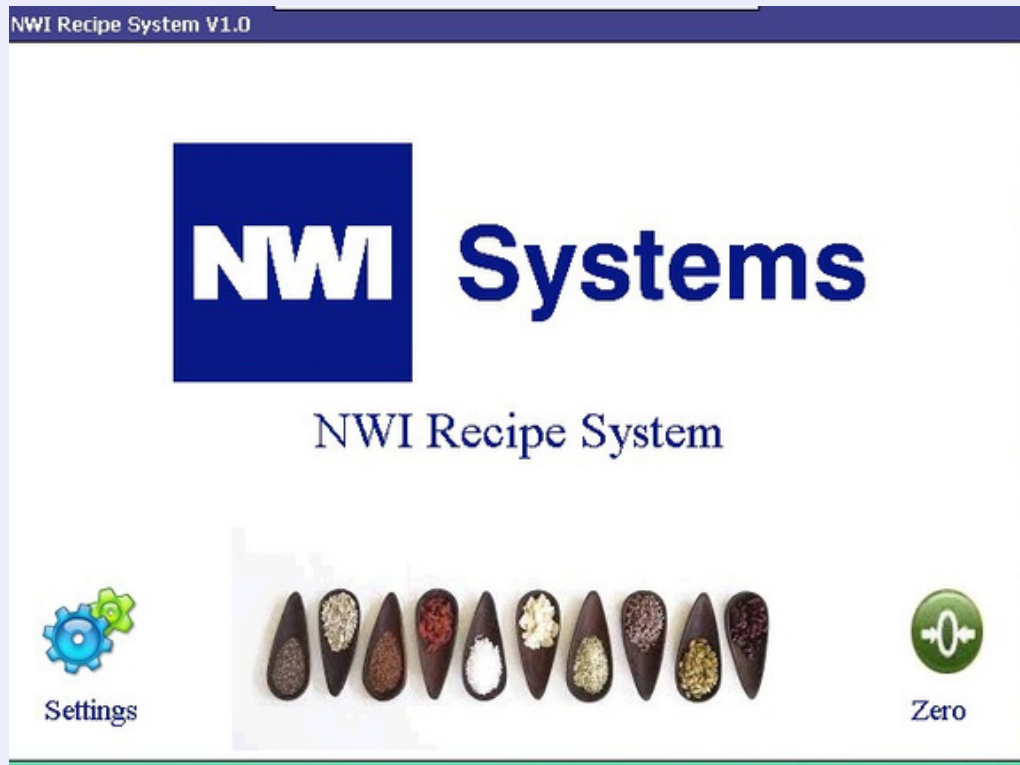
NWI Recipe System V1.0

		PT	3.68 t	
Current Batch	NET		3.64	Change Tub

Tub Number: 1
 Ingredient: IG1
 Target Weight: 10.00 t
 Remaining Weight: **6.36 t**

 batch 1 - 1 / 2

Touchscreen HMI Terminal Screenshots



Touchscreen HMI Terminal Screenshots

NWI Recipe System V1.0

Enter Password

1	2	3	4	5	6	7	8	9	0
Q	W	E	R	T	Y	U	I	O	P
A	S	D	F	G	H	J	K	L	&
Z	X	C	V	B	N	M	,	.	-

CANCEL	CLEAR	SPACE	BACKSPACE	ENTER
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NWI Recipe System V1.0

Start Page

Press start to process

LogOff

Start

Touchscreen HMI Terminal Screenshots

NWI Recipe System V1.0

Enter Number Of Batches

1	2	3	CLEAR
4	5	6	BACKSPACE
7	8	9	CANCEL
-	0	.	ENTER

NWI Recipe System V1.0

Select Recipe

Filter:

RP1	RP2
-----	-----


CANCEL CONFIRM

Touchscreen HMI Terminal Screenshots

NWI Recipe System V1.0

Enter Number Of Batches

2

1	Tub Please place the tub on the scale		CLEAR
4			ACKSPACE
7			8
-	0	.	ENTER

NWI Recipe System V1.0

	<input type="checkbox"/>	<input checked="" type="checkbox"/>	A	PT	3.68 t	
Current Batch	NET	<input type="checkbox"/>				3.64
	<input type="checkbox"/>	PT				Change Tub

Tub Number: 1

Ingredient: IG1


Target Weight: 10.00 t

Remaining Weight: **6.36 t**


 batch 1 - 1 / 2

Touchscreen HMI Terminal Screenshots

NWI Recipe System V1.0



	▼	A
NET		
PT		

PT 10.58 t




Current Batch
9.97
Change Tub

Tub Number: 2

Ingredient: IG1

Target Weight: 10.00 t

Remaining Weight: 0.03 t


batch 2 - 1 / 2




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**Weighing
Instrumentation
Systems
Fabrication
Calibration**

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