



Australian Government
Department of Industry and Science

**National
Measurement
Institute**

Supplementary Certificate of Approval

NMI S660

Issued by the Chief Metrologist under Regulation 60
of the
National Measurement Regulations 1999

This is to certify that an approval for use for trade has been granted in respect of the instruments herein described.

Foresiight Development Model ProfiitPlus Point of Sale (POS) System

submitted by Foresiight Development Pty Ltd
31 Navigator Place
Hendra QLD 4011

NOTE: This Certificate relates to the suitability of the pattern of the instrument for use for trade only in respect of its metrological characteristics. This Certificate does not constitute or imply any guarantee of compliance by the manufacturer or any other person with any requirements regarding safety.

This approval has been granted with reference to document NMI M 7, *Pattern Approval Specifications for Point of Sale Systems*, dated June 2012.

This approval becomes subject to review on 1/04/21, and then every 5 years thereafter.

DOCUMENT HISTORY

Rev	Reason/Details	Date
0	Pattern & variant 1 provisionally approved – interim certificate issued	20/03/14
1	Pattern & variant 1 approved – interim certificate issued	18/12/15
2	Pattern & variant 1 approved – certificate issued	14/12/16

CONDITIONS OF APPROVAL

General

Instruments purporting to comply with this approval shall be marked with pattern approval number 'NMI S660' and only by persons authorised by the submittor.

Instruments purporting to comply with this approval and currently marked 'NMI PS660' may be re-marked 'NMI S660' but only by persons authorised by the submittor.

It is the submittor's responsibility to ensure that all instruments marked with this approval number are constructed as described in the documentation lodged with the National Measurement Institute (NMI) and with the relevant Certificate of Approval and Technical Schedule. Failure to comply with this Condition may attract penalties under Section 19B of the National Measurement Act and may result in cancellation or withdrawal of the approval, in accordance with document NMI P 106.

Special

Certain aspects of this instrument (in particular transaction record printing formats) are able to be configured by the user. Whilst NMI believes that acceptable formats can be achieved for typical basic sales modes, it is also possible for the instrument to be configured to produce unacceptable formats, and use of some formats may be inappropriate for different sales modes. It is the responsibility of the user to ensure that acceptable and appropriate formats are used in any particular situation.

Signed by a person authorised by the Chief Metrologist to exercise their powers under Regulation 60 of the *National Measurement Regulations 1999*.



Mario Zamora

TECHNICAL SCHEDULE No S660

1. Description of Pattern **provisionally approved on 20/03/14**
approved on 18/12/15

A Foresight Development model ProfiitPlus system to provide certain additional facilities for transactions when interfaced to compatible (#) NMI-approved measuring instruments granted with reference to document NMI M7.

1.1 Key Features

- The system provides point of sale arrangements for a CAS model PD-II self-indicating non-automatic weighing instrument (approval NMI 6/4C/237) or other compatible (#) NMI-approved measuring instruments.
 - The system receives measurement data from the output interface of the approved measuring instrument and computes prices using a product look up (PLU) facility.
 - The system computes total price for multiple items including non-measured items and is approved for use for transactions direct to the public.
 - Manually entered measurement data shall be indicated as such on a printed transaction record.
 - The POS controllers may be connected in a network to share common PLU data, for totalisation, and to accumulate and retrieve management information.
- (#) 'Compatible' is defined to mean that no additions/changes to the hardware/software specified in this approval are required for satisfactory operation of the system.

Note: The POS system is NOT able to apply a preset tare value. .

1.2 System Description

The Foresight Development model ProfiitPlus point of sale (POS) system (Figure 1) comprises:

(i) POS Controller

The Foresight Development model ProfiitPlus POS controller comprises a Nexa model NP-1651 POS Terminal or equivalent (*) PC-based device that operates a Microsoft Windows-based operating system running ProfiitPlus version 4.xx software. The software version number is displayed by selecting the Help | About menu option.

(ii) Electronic Indications

Indications shall satisfy the requirements of document NMI M7, *Pattern Approval Specifications for Point of Sale Systems*.

The Nexa model NP-1651 POS controller has an integral touch sensitive display to provide an indication for the operator (Figure 2).

Note: There is no customer display fitted to the POS system.

(iii) Printing Devices

Transaction records shall satisfy the requirements of document NMI M7, *Pattern Approval Specifications for Point of Sale Systems*.

A Nexa model PX70011 printer or equivalent (*) is connected to provide a transaction record printing facility. A typical record is shown in Figure 3.

- (*) 'Equivalent' is defined to mean other proprietary equipment of the same or better specifications requiring no changes to the software specified in this approval for satisfactory operation of the system.

(iv) Additional System Facilities

In addition, the system may include other facilities including point of sale cash drawers, magnetic card and/or barcode reader and electronic funds transfer (EFT), etc. The facilities shall not interact with the system in a way that would cause an incorrect indication of the measured quantity or price.

1.3 Verification Provision

Provision is made for the application of a verification mark.

1.4 Descriptive Markings

The POS controller is marked in a clear and permanent manner, in one location, with the following information:

Submittor's name or mark
Serial number or other unique identifier
Pattern approval number	NMI S660

2. Description of Variant 1 **provisionally approved on 20/03/14** **approved on 18/12/15**

The Foresight Development model Alchemii point of sale POS system uses a model Alchemii POS controller comprising a Nexa model NP-1651 POS Terminal or equivalent (*) PC-based device that operates a Microsoft Windows-based operating system running Alchemii version 4.xx software. The software version number is displayed by selecting the Help | About menu option.

- (*) 'Equivalent' is defined to mean other proprietary equipment of the same or better specifications requiring no changes to the software specified in this approval for satisfactory operation of the system.

TEST PROCEDURE No S660

The POS system shall be tested in addition to any tests specified in the approval documentation for the measuring instrument/s to which the POS system is connected, as appropriate

The POS system shall be tested in the normal operational mode of the instrument and device, not in 'training mode' or any other management mode.

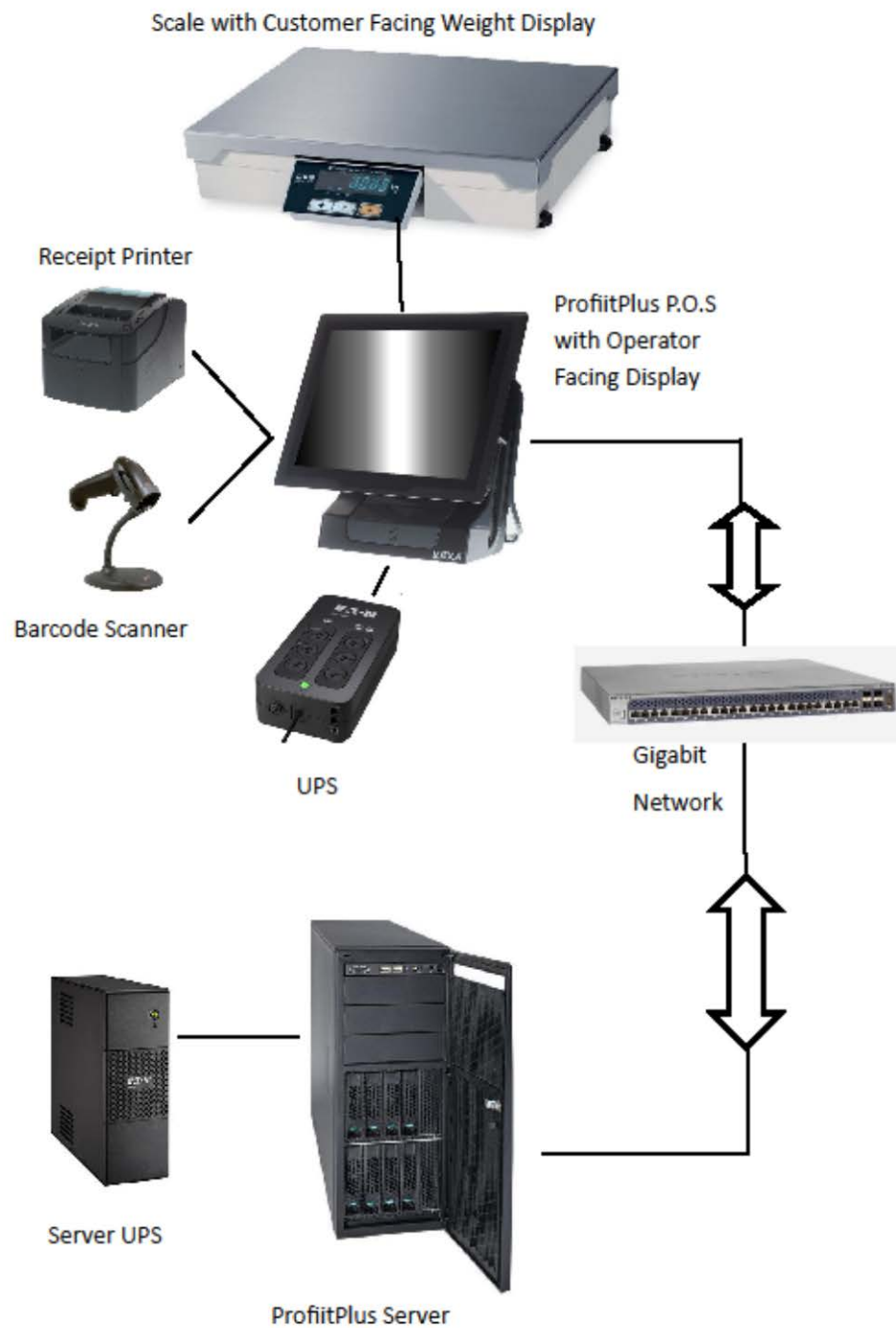
Maximum Permissible Error

The maximum permissible error for price computation is ± 0.5 cent.

TESTS

1. Check the software version number/s.
2. Check that the POS system faithfully reproduces the measurement data in the same units and scale interval as the connected approved measuring instrument, e.g. test by using a PLU without a stored tare.
3. Check that the system performs correct price computation, and computes and indicates a correct unrounded subtotal. For cash payment methods, check that any rounding calculation is correct.
4. Manually enter some pre-determined measurement data and ensure that the printed transaction record clearly indicates the transaction as such.
5. For network systems check to ensure that the measurement data printed on the transaction record is correctly reproduced.
6. Ensure that electronic indications and printed information are in accordance with document NMI M7.

FIGURE S660 – 1




Foresight Development Model ProfitPlus Point of Sale (POS) System

FIGURE S660 – 2

Cashier
Register Other Help

Item/Barcode	Description	Qty	Unit	Unit Price	Extended	Suggest / Usual

LIVE ANIMALS	PMIX/FERTILIZER	GAS REFILLS	GATES	GRASS SEEDS	DRUMS/BARREL	MISC
FRUIT	VEGETABLES	DELIVERY	BULK FEED	BIRD SEED	DOG FOOD	CAT FOOD/LIT
APPLES	AVOCADOS	BANANAS	MANGOS	GRAPES	MANDARINS	MELONS
NECTARINE	ORANGES	CHERRIES	PAPAYA	PEACHES	PEARS	PINEAPPLES
PLUMS	W/MELON SEEDLESS	MISC PRODUCE A-L	MISC PRODUCE M-Z	MISC PRODUCE GST	MISC PRODUCE NO GST	



FORESIGHT
INFORMATION INNOVATION

LIVE DATA
Sub total: **0.00**
Docket No: 1226504

Register: 99 Cashier: Rodger Goodyear
We do everything we can have you?

Sale(s) on Hold

F1 Account Payment	F2 Delete Line	F3 Cancel Sale	F4 Quantity	F5 Calculator	F6 Customer	F7 Price check	F8 Discount	F9 Keyboard	F10 SubTotal	F11 Lookup	F12 Hold/ R'call
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Typical Operator Display

FIGURE S660 – 3

Generic Company for Testing P/L
(ABN 97104377648)
31 Navigator Place
HENDRA, QLD 4011
Ph 07 3356 2772 Fax
Tax Invoice 1005833

A/c Code ANSTEA0544 13/04/16
ANSTEAD VETS / WESTVETS

* APPLES Red Chief	1.000kg @ \$2.99/kg	\$2.99
* TOMATOES Vine Ripe/Truss Large	1.125kg @ \$7.99/kg	\$8.99
** APPLES Red Delicious Small	0.880kg @ \$2.69/kg	\$2.37
* PLUMS Black Large	0.650kg @ \$4.99/kg	\$3.24
** PEACHES Yellow Flesh Large	1.133kg @ \$4.99/kg	\$5.65
* LEMONS Large	1 @ \$0.90/each	\$0.90
TOTAL:		\$24.14
GST Included:		\$0.00
GST Free items marked with *		
Coin Roundoff:		\$0.01
Cash Tendered:		\$24.15

Manually entered quantity marked with #
Thank you for shopping with us
Please call again soon !

Store 001/ Reg 001/ Cashier AHD
TransNo 1005833 13/04/16 15:24:12

A Typical Receipt

~ End of Document ~