Australian Government

**Department of Industry, Science,
Energy and Resources**

National
Measurement
Institute

36 Bradfield Road, West Lindfield NSW 2070

Supplementary Certificate of Approval
No S580

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.

Intelligent POS Model Enrich Point of Sale (POS) system
(formerly Intelligent POS model Digital Data Assist Point of Sale system)

submitted by   Intelligent POS Pty Ltd
6-8 Coronation Parade
Enfield NSW 2136

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 M7, *Pattern Approval Specifications for Point of Sale Systems*, dated June 2012.

This approval is subject to review at the decision of the Chief Metrologist in accordance with the conditions specified in the document NMI P 106.

DOCUMENT HISTORY

Rev	Reason/Details	Date
0	Pattern provisionally approved – interim certificate issued	16/08/12
1	Pattern amended (validity date) – interim certificate issued	23/11/12
2	Pattern approved – certificate issued	13/12/12
3	Pattern amended (name) – Variant 1 provisionally approved – certificate issued	20/10/21
4	Variant 1 approved – certificate issued	18/01/24

CONDITIONS OF APPROVAL

General

Instruments purporting to comply with this approval shall be marked with pattern approval number 'NMI S580' and only by persons authorised by the submittor.

Instruments purporting to comply with this approval and currently marked 'NMI PS580' may be re-marked 'NMI S580' 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*.

Darryl Hines
Manager
Policy and Regulatory Services

TECHNICAL SCHEDULE No S580

1. Description of Pattern **provisionally approved on 16/08/12**
approved on 13/12/12
amended on 20/10/2021

An Intelligent POS model Enrich Point of Sale system to provide certain additional facilities for transactions when interfaced to compatible (#) NMI-approved measuring instruments granted with reference to document NMI M7.

The pattern may also be known as the Intelligent POS model Digital Data Assist Point of Sale system.

1.1 Key Features

• The system provides point of sale arrangements for a Magellan model 8204 self-indicating non-automatic weighing instrument (approval NMI 6/4C/201) 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 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.

1.2 System Description

The Intelligent POS model Enrich Point of Sale system (Figure 1) comprises:

(i) POS Controller

The Intelligent POS model Enrich POS controller comprises a Poindus model Varipos 715 or equivalent (*) PC-based device that operates a Microsoft Windows operating system running Enrich legally relevant version 1.xx software (displayed as 'NMI Version 1.xx').

Non-legally relevant component of the software is also shown as a second version number. Both these numbers may be displayed as shown in Figure 2 by selecting 'About Enrich' from the 'Help' screen.

(ii)   Electronic Indications

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

The Intelligent POS model Enrich POS controller includes a built-in touch sensitive computer monitor or equivalent (*) to provide an indication for the operator (Figure 3).

The Enrich POS controller includes a built-in Poindus model VARIPOSVFD 2 line display or equivalent (*) which provides an indication for the customer (Figure 4)

A Lenovo Thinkvision LCD type display or equivalent (*) may be connected to the controller as an alternate indication for the customer (Figure 5).

Information additional to that required by document NMI M7, including totalisation details and product images, may also be indicated.

(iii)   Printing Devices

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

An IBM model SurePos 4610-TF6 printer or equivalent (*) is connected to the controller to provide transaction record printing facility. A typical record is shown in Figure 6.

(*)   '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.

1.4   Verification Provision

Provision is made for the application of a verification mark.

1.5   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 S580

2.   Description of Variant 1   **provisionally approved on 20/10/2021**
                                                                          approved on 18/01/24

An Intelligent POS model Intelligent Point of Sale system which is similar to the Pattern. The POS Controller described in clause **1.2 System Description** now operates software version 1.11. The software has an updated user interface and appearance (Figure 7 and 8).

TEST PROCEDURE No S580

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.

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 when a transaction is transferred or stored through the network.

6.   Ensure that electronic indications and printed information are in accordance with samples shown in the Figures attached herein or otherwise in document NMI M7.

FIGURE S580 – 1

Intelligent POS Model Enrich Point of Sale (POS) System
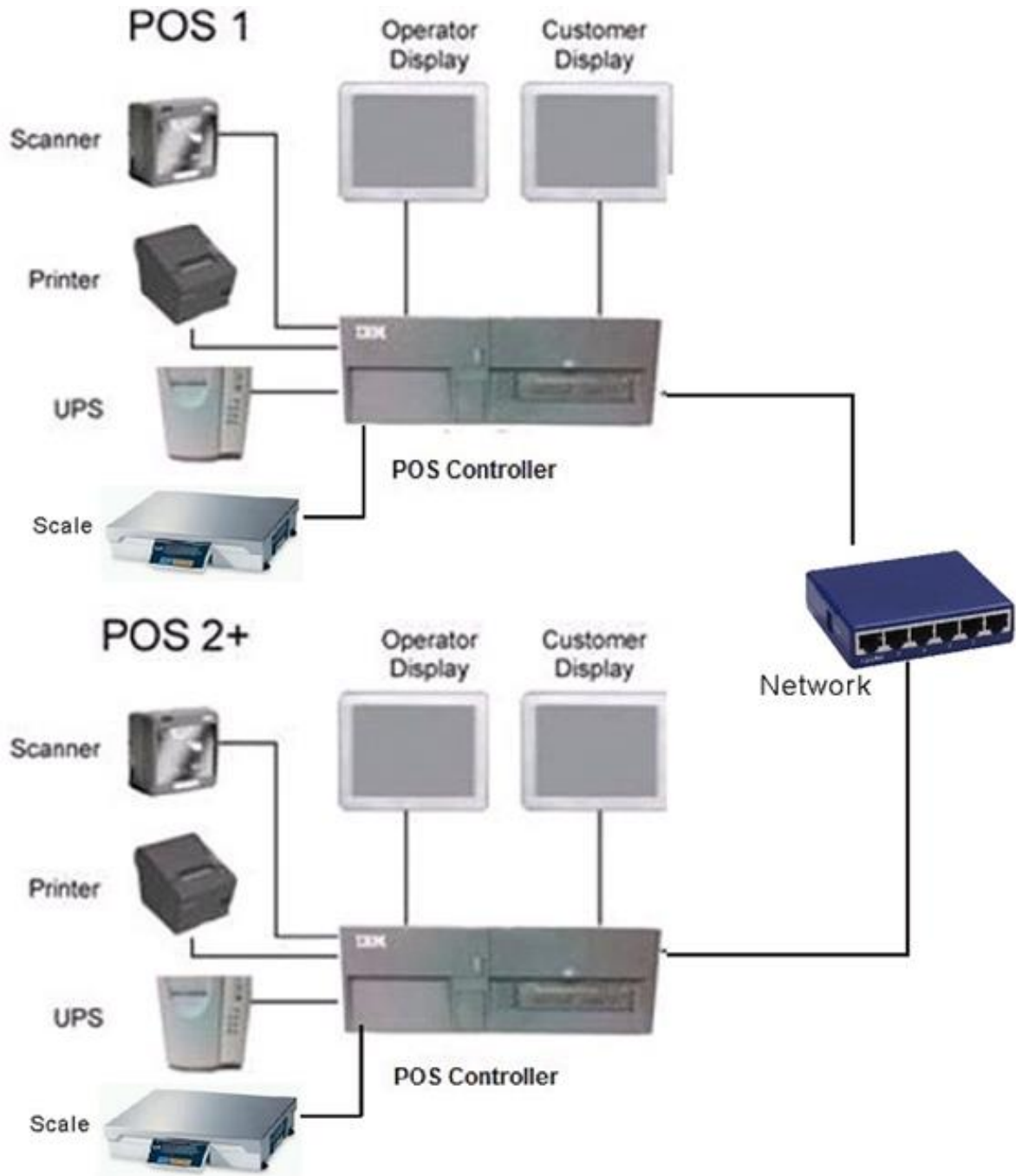
FIGURE S580 – 2

Showing Display of Software Version Numbers

FIGURE S580 – 3

Typical Operator Display

FIGURE S580 – 4

Typical 2 Line Customer Display

FIGURE S580 – 5

Typical Alternative Customer Display

FIGURE S580 – 6


```
===================================
         TAX INVOICE
===================================
Date: 29/11/2012         No: P1211290001
Cashier: SUPERVISOR       Register: POS1
===================================
#Banana Leaf /Kg
        1.250kg X $14.99/kg = $18.74
Grape White /Kg
        0.135kg X $5.00/kg = $0.68
-----------------------------------
            SUB TOTAL:      $19.42
            ROUNDING:       -$0.02
        TOTAL: $19.40
                 CASH:      $19.40
              BALANCE:       $0.00
===================================
* Indicates taxable item.
# Weight quantity is manually entered.
29/11/2012 15:20:55
===================================
```

P1211290001

A Typical Transaction Record

FIGURE S580 – 7

Typical Operator Display (Variant 1)

FIGURE S580 – 8

Typical Customer Display (Variant 1)

~ End of Document ~