

# SHARP

## RETAIL SYSTEMS

THE UK'S NO 1 SUPPLIER OF SHARP CASHLESS SYSTEMS

# BIOMETRIC SOLUTION



[www.sharpretailsystems.co.uk](http://www.sharpretailsystems.co.uk)

# Sharp EPOS systems have been powering many customers for over 30 years/**This is Why** it is the ideal choice for any hospitality business

Based on over 30 years of Epos expertise and know-how, Sharp EPOS is an easy to use and easy to administer front end application software package suitable for hospitality environments of any size, from a single site to a large chain.

The Sharpsoft Manager programme is easy to use and helps you stay in control and allows you to manage the full EPOS system. This is one of the reasons why countless hospitality outlets choose Sharp EPOS Systems.

## At a glance

- **Robust and Reliable.**
- **Clear, visual button layouts.**
- **Intuitive fully configurable User Interface.**
- **Promotional features for more sales.**
- **Fully configurable screens for enhanced flexibility.**
- **A comprehensive reporting menu for management control.**
- **Product pricing and descriptions can be altered quickly and easily within the Sharpsoft manager to save time.**
- **Integrated healthy eating points award scheme.**

# /Benefits of Biometric Technology

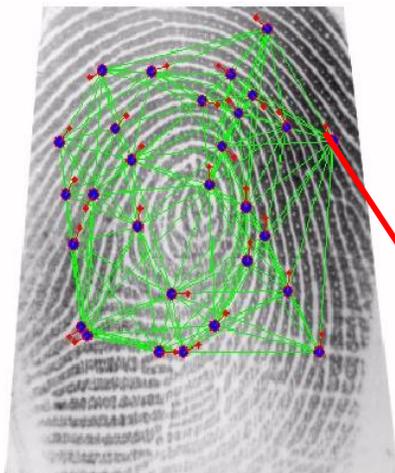
Biometric technology offers businesses several benefits of which uniqueness is a key factor. The probability of 2 people sharing the same biometric data is virtually zero which means that an individual can be identified to a high level of accuracy.

Furthermore, an individual's biometric data is almost impossible to replicate making it a secure means of identification.

In the long term, businesses employing biometric identification will experience cost savings, as alternative systems using magnetic or contactless smartcards involve significant production costs.

**At a glance**

- **Reliable and secure user authentication.**
- **Increased security – biometric data is almost impossible to replicate.**
- **Increased security – deters fraudulent transactions.**
- **Convenience – passwords can be copied or easily forgotten, and biometrics eliminates their use in normal operation.**
- **Cost Reduction – no administration of magnetic or contactless cards, and does away with the need to produce cards for every user.**
- **Speed – faster login.**
- **Security - fingerprints are not stored as images but as encoded extracts.**
- **A full audit trail – an individual can be easily linked to any transaction on the EPOS.**



STORED AS AN  
ENCODED EXTRACT

# /Sharp EPOS Biometric Introduction

Based on the reliable and well accepted Sharp EPOS system, the Sharp biometric module utilises the latest security standards to ensure a quick and cost effective solution.

Sharp have employed an award winning biometrics engine which has been adopted by numerous organisations worldwide, together with a simple to install and robust biometric reader. The Sharp EPOS biometrics solution is ideal for environments where speed of service and accuracy is required.

As the amount of cash that is taken is minimised, an added benefit is the reduction in cashing up times and the possibility of staff / cashier fraud.



**BIOMETRIC READER**

## **At a glance**

- **Minimise cash handling for staff giving less possibility for errors.**
- **Advanced encoding for security.**
- **High accuracy software engine for reading finger prints.**
- **A fast matching biometric pattern to help increase speed of service.**
- **A tried and tested biometric module that has been adopted by many commercial and governmental organisations.**
- **High-performance, maintenance free optical biometric sensor.**
- **Sensor resistant to scratches, impact, vibration and electrostatic shock .**
- **Auto-on (Automatic Finger Placement Detection).**
- **Minimise false readings with the integrated finger guide.**
- **Readily accessible for any finger.**

TM

# believe that a successful EPOS system should not be high maintenance **/This is Why** administering our hospitality system is quick and easy.

The Sharp EPOS administration module makes it quick and easy to register customers.

With an intuitive graphical user interface, 2 identical biometric readings are taken and stored to each user profile.

This procedure is fast and automated with clear on screen prompts making it virtually impossible for false fingerprints to be registered.

**At a glance**

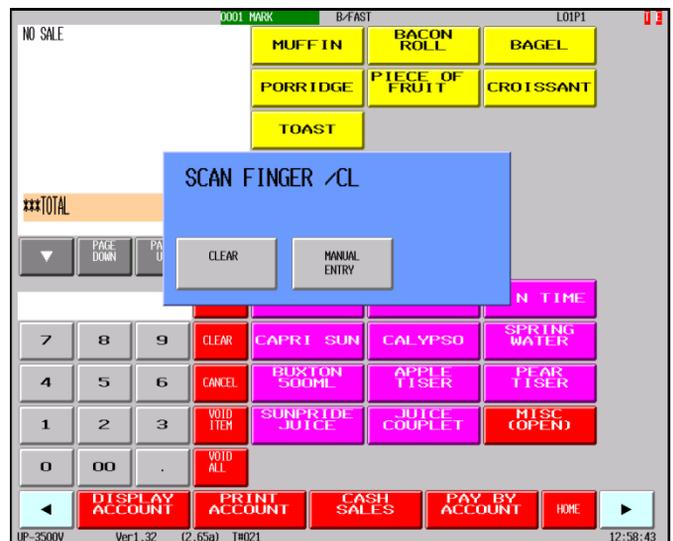
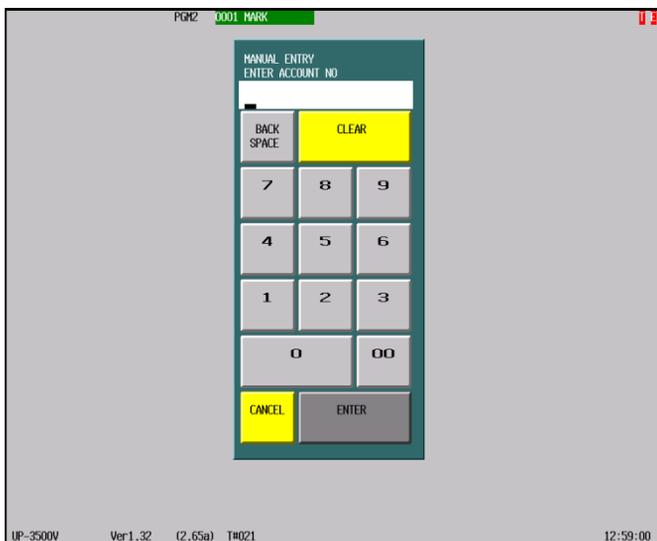
- **Quick automated registration process.**

- **Intuitive on screen guidance means that specialist computer skills are unnecessary.**

- **Cost savings as staff time is minimised.**

- **High degree of accuracy.**

- **Incorrectly placed fingers trigger an error message.**



# recognise that every front end EPOS system needs a back Office

**/This is Why** the SmartPay software gives you more control.

As a built-in module to the EPOS system program, SmartPay is the simple way to administer the Biometric operation easily from a back office PC.

The EPOS system is a stable package which has been developed over 30 years and is an ideal solution for the demands of a busy Hospitality operation.

The import and export features within ECR Manager mean that it is convenient to synchronise data with other databases, such as a student information management package and prevents any errors which could be potentially costly.

**At a glance**

■ **Back-up and restore data for complete peace of mind.**

■ **Full database management features for maintaining PLUs, barcodes, departments, users and more.**

■ **Keyboard management functions to set-up trading screens; clone screens and modify existing lists.**

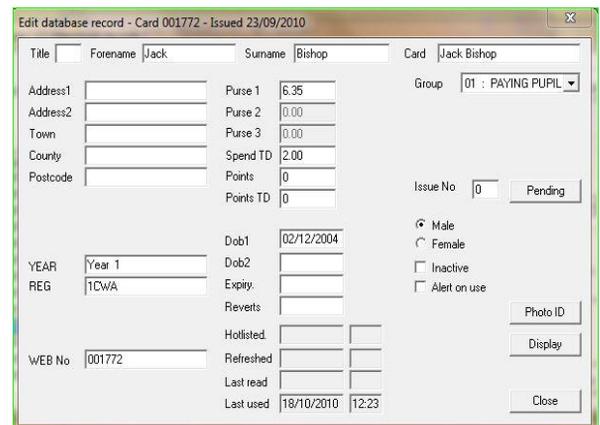
■ **Full reporting functionality.**

■ **Access remote locations with ECR Manager by using a modem or a wide area network.**

■ **Internet payment links to Wisepay, Parentpay, Tucasi and others.**



**USER PHOTOGRAPHS TO AID IDENTIFICATION**



**EASY EDITING STUDENT DATABASE**

know a school shouldn't fill their day with extra administration and paperwork/**This is Why** we have features to help manage a busy operation.

The Sharp EPOS biometrics system helps schools administer free school meals effortlessly as each student who qualifies for free school meals has their allowance automatically updated on a daily basis.

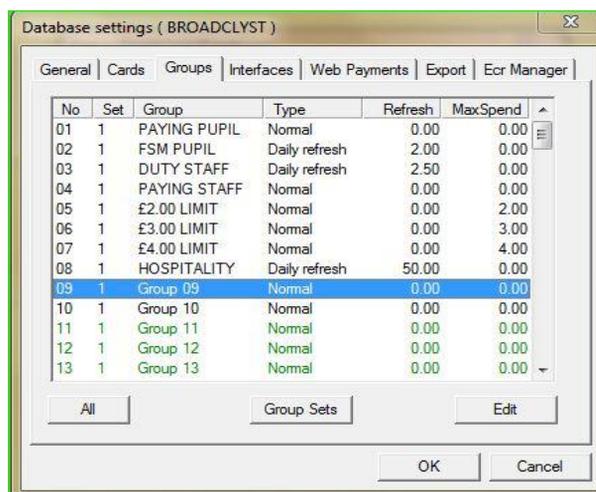
The SmartPay system is flexible to allow for any unused balances to either be carried forward or deleted at the end of the school day.

Furthermore, the free school meals spend can be limited by time, for example, only for lunch or break times.

If a student exceeds their daily allowance, it is also possible for cash to be tendered or for students to have a second purse which can be topped up using any of the top-up features on the Sharp EPOS.

**At a glance**

- **Manages the daily balance refresh amount for those who are entitled to free school meals.**
- **A report can be printed easily to show the total amount of top-ups that have been added.**
- **Groups can be set-up in the back office to distinguish between different categories of users. (eg: paying student / free school meals etc..) (Max 99 Groups)**
- **Students receiving free school meals are not indentified at the till so the potential for any discrimination is removed.**



**CONFIGURING  
ACCOUNT  
GROUPS**

# EPOS system allows flexibility when it comes to payment methods/**This is Why** we have included an easy to use way of adding credit.

The Sharp EPOS biometrics system allows for users to add credit easily.

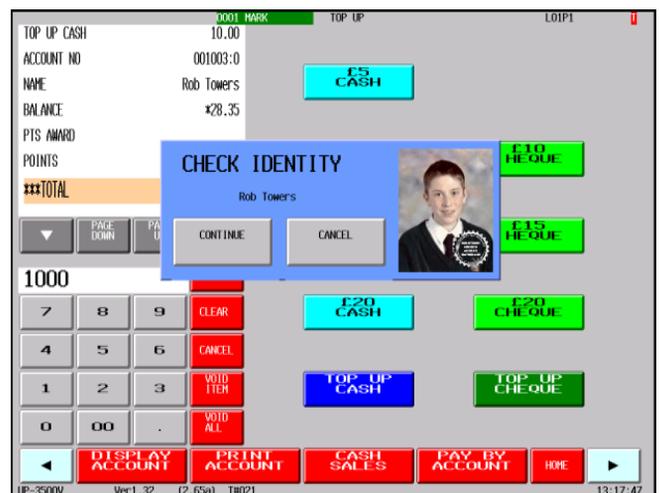
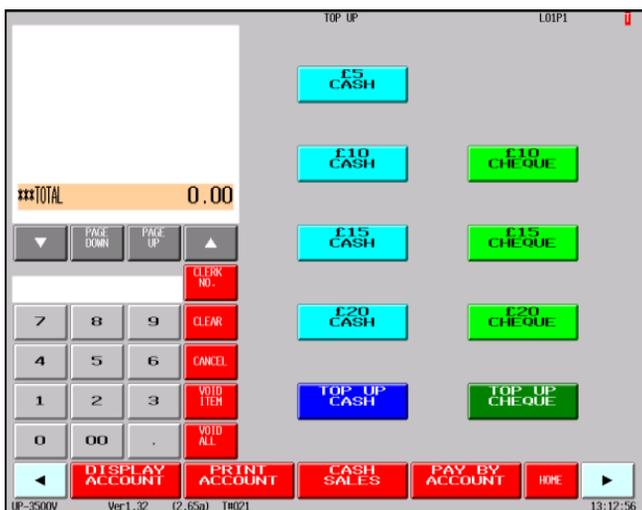
Using the Sharpsoft Manager screen editing tool, macro buttons (auto-keys) can be set for tendering whole amounts to speed up the operation at the till or any open amount can be entered.

Dialogue boxes are shown to aid the user as they are adding credit to a students account which helps minimise mistakes.

Funds are available as soon as the student has topped up their account.

## At a glance

- Use auto-keys for tendering whole amounts saving time and user error.
- Quick and easy way to add credit.
- Open amounts can also be set allowing any amounts to be topped up.
- Add credit via internet payment links such as Wisepay, Parentpay & more.
- Remote Top-up station to reduce staff costings and queues at the till.



try to cut down on transaction times to allow more selling and less queuing  
**/This is Why** our screens are user friendly and easy to navigate around.

One key feature of Sharpsoft Manager is the easy to use screen layout, which not only helps to minimise cost by reducing staff training times. This also enables quicker customer service in order to maximise the number of transactions.

For example, any relevant user information is displayed during the transaction to warn the staff, for example, if a customer has any recorded allergies.

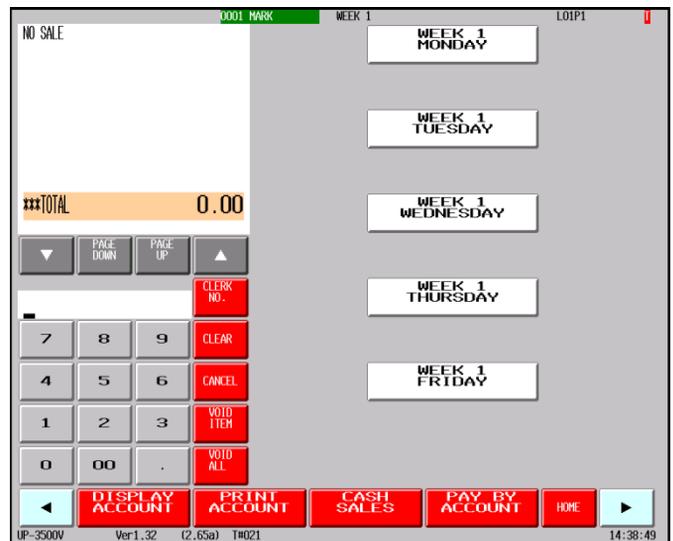
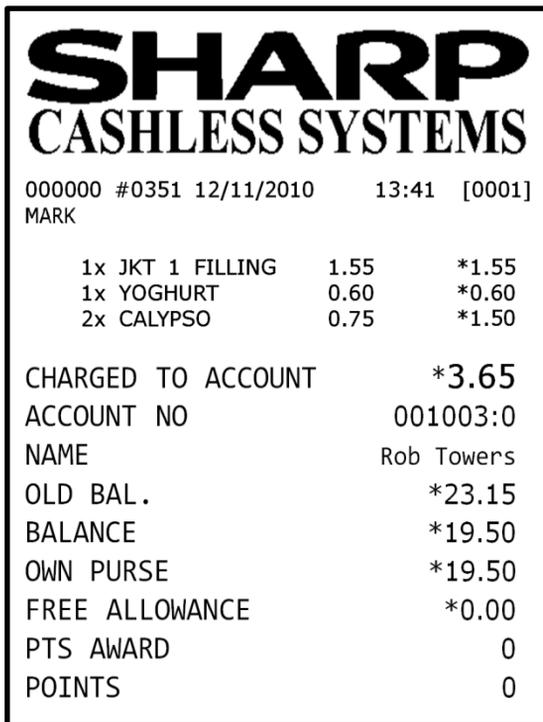
**At a glance**

■ **Clean and easy to view Graphical User Interface.**

■ **Auto refresh of available balance as soon as transaction is finished.**

■ **If spend exceeds the available credit it prompts the staff that cash needs to be produced to finalise payment.**

■ **On-screen information gives staff all required details and helps improve speed of service.**



SAMPLE RECEIPT

believe that an EPOS system should be flexible /**This is Why** our screens are configurable to suit your needs.

It is quick and easy to customize the layout and design of any screen allowing upmost flexibility.

Sharpsoft Manager also allows for the screens to be configured to suit users depending on the type of environment.

The software is flexible enough to allow for the transaction area to be positioned left or right for convenience.

**At a glance**

■ Adjust the layout of any button.

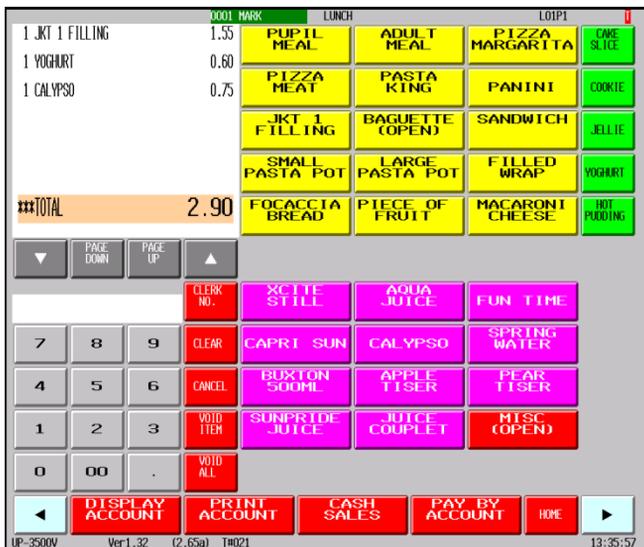
■ Customise the foreground & background colour.

■ Specify the font size of any button.

■ Easy to format menus.

■ Large payment screen option to minimise staff errors.

■ Keys can be merged to form larger sizes.



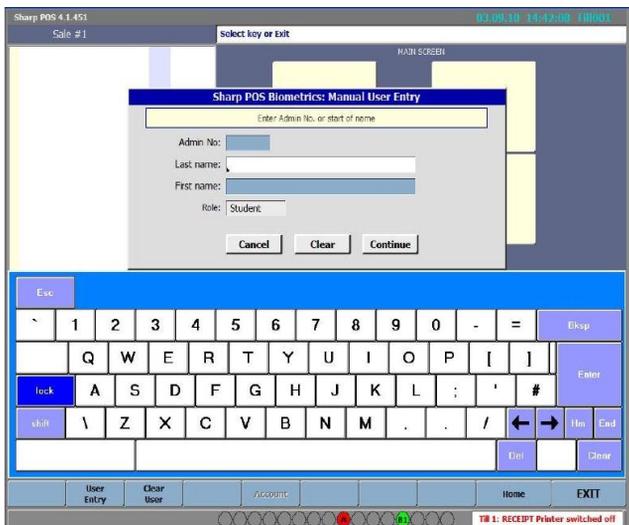
believe that all systems need an easy back up plan /**This is Why** the manual user entry feature is quick and easy to use.

The Sharp EPOS biometric solution provides a quick and secure means of identifying customers. However, a manual entry search can also be used to identify users.

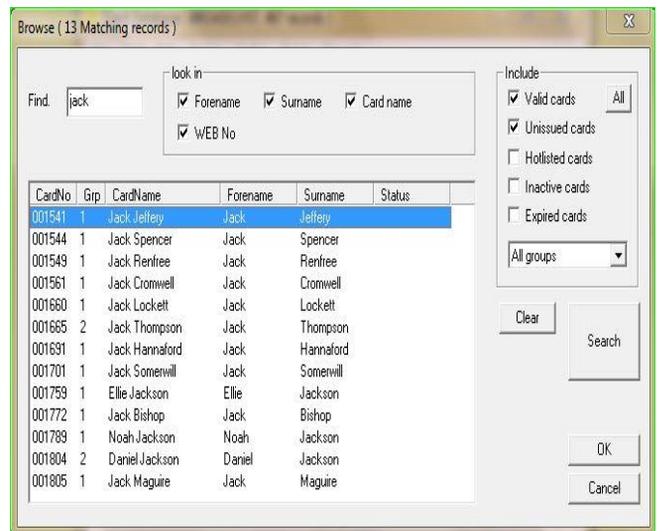
In the event that someone is not biometrically enrolled, a simple manual entry system can be adopted.

**At a glance**

- **Speed – The database utilised by Sharp allows quick search of all users.**
- **Manual User Entry is useful if a biometric pattern is unable.**



**MANUAL ENTRY INPUT ON EPOS SYSTEM**



**DATABASE STUDENT NAME, ACCOUNT NO. SEARCH ON BACK OFFICE SOFTWARE**

# try to minimise programming time on our EPOS systems to enable users to concentrate on increasing sales **/This is Why** our product set-up is so easy.

Programming via the back office system allows products to be altered at any time.

This is can then be downloaded to the EPOS terminals immediately or at pre-arranged times and dates.

## At a glance

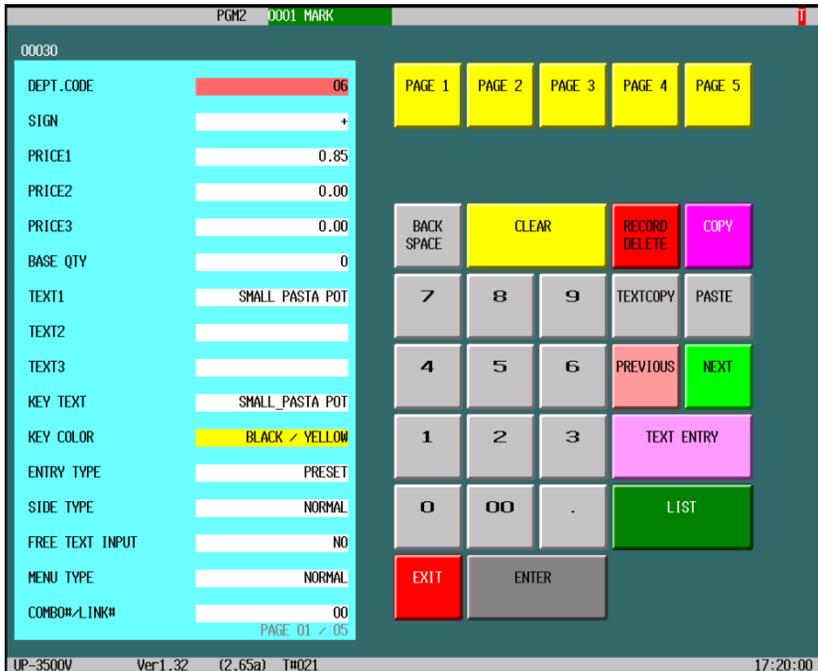
- The full product file is displayed in the back office software.

- Select and assign VAT rates to individual products

- Prices and Descriptions can be changed with ease.

- Assign departments easily

- Put items into report groups to help with sales analysis.



# believe that easy access to information improves customer service

## **/This is Why Sharpsoft Manager gives full history for every customer.**

Through the Sharpsoft Manager Reports facility, you can view the full transaction history of any customer.

The transaction history feature allows the selection of past transactions which can then be viewed and if required a copy of the report can be issued.

### **At a glance**

■ **Search and view all transactions.**

■ **Transaction history can be backed up automatically as part of the end of day routine for peace of mind.**

Date	Time	Card Spend	Plu No.	Description	Quantity	Value
Card 001881 - Isabel Calamus ( Isabel Calamus )						
01/11/2010	12:17	2.00	000201	SAUSAGES	1	2.00
			000205	PASTA	1	0.00
			000209	STICKY PUDDING & CUS	1	0.00
02/11/2010	12:21	2.00	000212	CHICKEN BURGER	1	2.00
			000215	PASTA	1	0.00
			000217	BAKED BEANS	1	0.00
			000220	SHORTBREAD FINGER	1	0.00
03/11/2010	12:16	2.00	000223	TUNA MAYO PASTA	1	2.00
			000225	CREAMED POTATO	1	0.00
			000229	FRUIT COCKTAIL & ICE	1	0.00
Total		6.00				6.00

# enable full sales analysis to aid management decisions **/This is Why** our reporting functions give you as much information as you need.

The management of any catering outlet requires access to fully detailed reports in order to keep better control on product and department sales. Sharpsoft Manager gives all this functionality either as a convenient on screen view or as a print-out to allow more detailed analysis.

## At a glance

■ On screen report viewer is a quick and convenient way for a quick check and may help save paper if printing is not required.

■ Never forget – Specified reports can be set to print automatically upon close of session.

Plu Number	Description	Dpt	Dpt Name	Quantity	Sales	Average
11	PRE-SCHOOL MEAL	5	PRE-SCHOOL	1	8.00	8.00
91	RAISINS	1	PUPIL BREAK	8	1.60	0.20
92	YOGHURT	1	PUPIL BREAK	19	3.80	0.20
93	JUICE	1	PUPIL BREAK	16	1.60	0.10
131	BEEF STEW	2	PUPIL LUNCH	25	50.00	2.00
132	CHEESE WHEEL	2	PUPIL LUNCH	43	86.00	2.00
133	HAM PLOUGHMANS	2	PUPIL LUNCH	10	20.00	2.00
501	FS MAIN COURSE	7	FRESH START	7	10.85	1.55
515	JKT POTATO & CHICKEN	8	JACKET POTATOES	4	5.84	1.46
516	JKT POTATO & PRAWN M	8	JACKET POTATOES	2	3.48	1.74
523	CHEESE PLOUGHMANS	9	SALADS	1	2.10	2.10
572	BACON BAGUETTE	12	STAFF MISC	3	4.50	1.50
584	H/MADE CAKE PORTION	12	STAFF MISC	1	0.30	0.30
Grand Total				140	198.07	1.41

Ecr Sales for CATERING Ecr 01 (11/11/2010 - 11/11/2010)

Ready

believe that an EPOS system should be an aid in increasing sales

**/This is Why** we have built in a range of useful promotions

In addition to promotions on individual items, departments or off the sub total of a bill, Sharp EPOS has a comprehensive set of features which enable sales to be maximised.

Sharpsoft Manager features a full set of “mix and match” promotions which allows for a combination of various attractive product promotions to be set-up.

**At a glance**

■ **Sell more through upselling and product promotions.**

■ **Flexible product promotions can be set.**

**Examples include:**

■ **Buy 3 get 1 free**

■ **Meal deals (hot meal, dessert & drink)**

**TRANSACTION SHOWS SALE DISCOUNTED AS A MIX & MATCH PROMOTION**

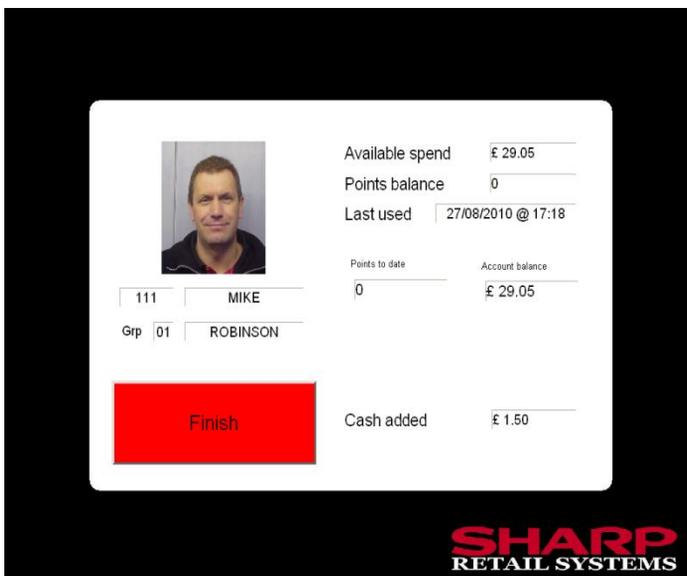
The screenshot shows a Sharp EPOS interface with the following details:

- Transaction List:**
  - 1 PUPIL MEAL 1.85
  - 1 HOT PUDDING 0.50
  - 1 SUNPRIDE JUICE 0.55
  - 1 MEAL DEAL 2 -0.50
  - CASH SALES 2.40
  - \*\*\*TOTAL 2.40**
- Product Grid (Yellow Buttons):**
  - PUPIL MEAL, ADULT MEAL, PIZZA MARGARITA, PIZZA MEAT, PASTA KING, PANINI, JKT 1 FILLING, BAGUETTE (OPEN), SANDWICH, SMALL PASTA POT, LARGE PASTA POT, FILLED WRAP, FOCACCIA BREAD, PIECE OF FRUIT, MACARONI CHEESE
- Product Grid (Green Buttons):**
  - CAKE SLICE, COOKIE, JELLIE, YOGHURT, HOT PUDDING
- Product Grid (Purple Buttons):**
  - XCITE STILL, AQUA JUICE, FUN TIME, CAPRI SUN, CALYPSO, SPRING WATER, BUXTON SOOML, APPLE TISER, PEAR TISER, SUNPRIDE JUICE, JUICE COUplet, MISC (OPEN)
- Control Buttons (Red):**
  - CLERK NO., CLEAR, CANCEL, VOID ITEM, VOID ALL
- Control Buttons (Light Blue):**
  - PAGE DOWN, PAGE UP, DISPLAY ACCOUNT, PRINT ACCOUNT, CASH SALES, PAY BY ACCOUNT, HOME
- Footer:** UP-3500V Ver1.32 (2.65a) T#021 11:10:45

believe that speed of service is vital /**This is Why** we have built a unique Remote Top-up Station to reduce queues and increase speed of service.

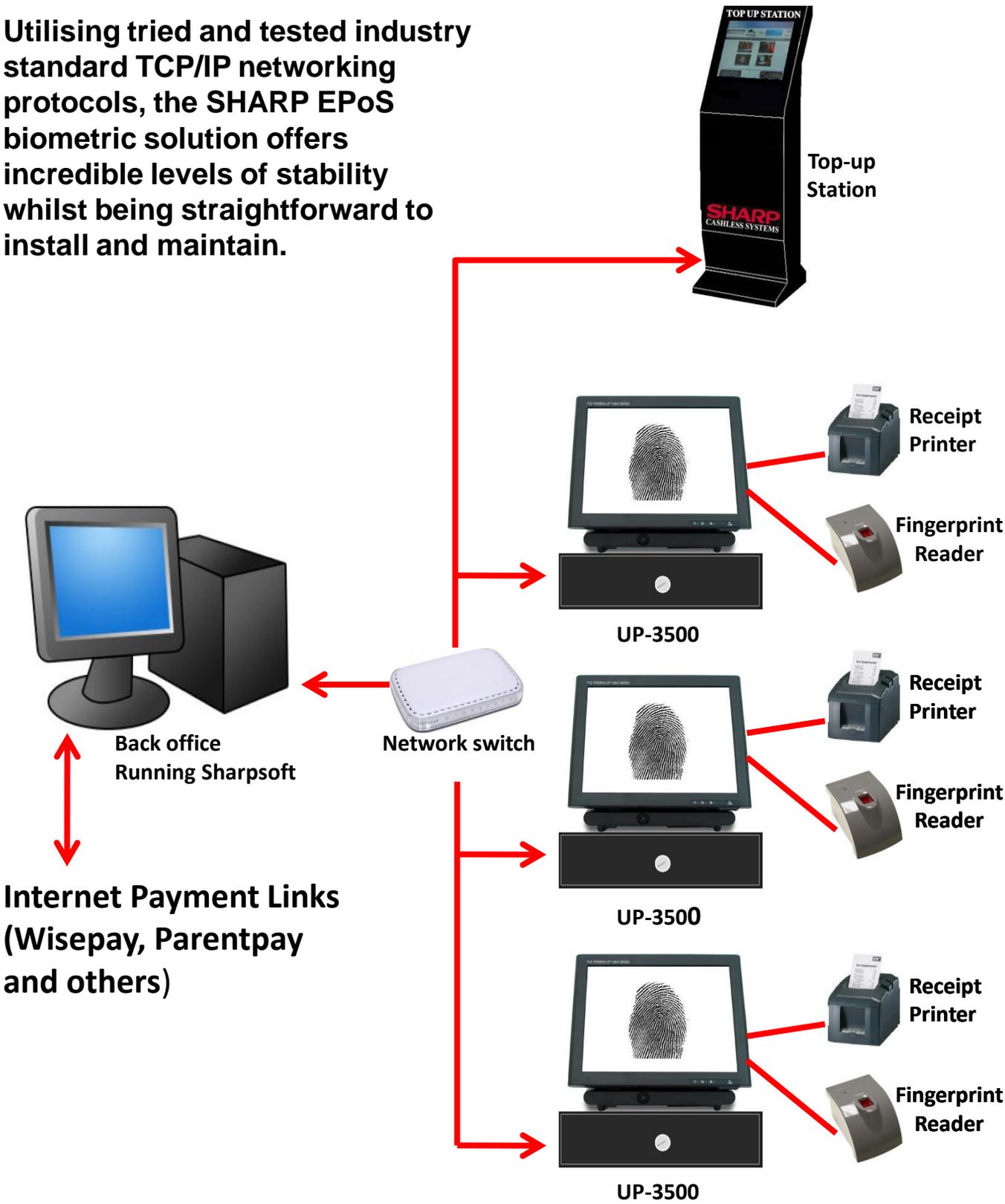
**At a glance**

- **A 19" Vandal proof touch screen.**
- **Full audit reporting facility.**
- **Combination of notes and coin loaders for versatility.**
- **Twin security locks prevent risk of vandalism.**
- **Free standing.**
- **BS 5810, Disability Discrimination Act Compliant.**



# **/This is Why** the Sharp EPoS system Biometrics system is robust yet easy to configure.

Utilising tried and tested industry standard TCP/IP networking protocols, the SHARP EPoS biometric solution offers incredible levels of stability whilst being straightforward to install and maintain.



are inventors for our society  
**/This is Why** we innovate, to improve life for  
everyone.

Sharp Corporation was established in September 1912 and since then has developed into one of the World's leading electronic companies with a portfolio of core technologies and products which include: LCD panels, solar panels, EPoS products, MFPs, microwave ovens, mobile phones, AV equipment, video projectors, air purification systems, CMOS and CCD sensors, and flash memory.

Sharp has been a pioneer in the field of Electronic Cash Registers and Electronic Point of Sale for over 30 years and is one of the leading brands in this sector.

**At a glance**

- Sharp has been producing EPoS equipment for over 30 years and has a strong heritage in this sector.
- Sharp products are manufactured to a strict "Sharp Standard" and are designed for longevity.
- Sharp innovates to improve society and to solve human problems and is committed to the development of our people as well as our products.

**SHARP**  
RETAIL SYSTEMS

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