



CASH ONE

Point Of Sale & Billing

0.0.36

Software Application

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1. Introduction

CASH ONE is stock management and billing point of sale application. Getting started with CASH ONE is simple, register companies (individuals), products and start stock taking. Stockists and cashiers can take stock using barcode scanners during their purchases and sales, however, scanner is not required. A purchase or sales receipt is issued on every transaction.

Sales Receipt
4/9/2023 5:27:17 PM


My Company

1047
801908CCUW43294530*test*

Cash

Product	Quant.	Price	Total+ST
Local Electric	1	11,500	13,455
Twin Tub Washi	1	16,000	18,720
Unique 333 4C	1	6,000	7,020
Magnum 555 Ser	1	8,000	9,360

	Total(4)=	48,555.0
	Discount=	0.0
	Actual=	48,555.0
	Credit=	0.0
Terms & Conditions Apply	Payment=	48,555.0
	Tax=	7055.0



FBR

Invoicing System

Thank You

Happy Shopping

All products returning policy is 7 days.

Figure 1

2. Scope

CASH ONE is not an accounting application. Contact support@invincibletec.com if you require stock (inventory), HR and accounting software application (OFFICE ACCOUNTING).

3. Getting Started

CASH ONE is a software application that consists of Server and Desktop application packages and installs on a Windows Operating System. User must meet following prerequisites:

3.1. Prerequisites

1. Windows 7 or Latest
2. Windows (Server) Operating System supporting SQL Server Express 2017
3. .NET Framework 4.5.2 or later
4. Network (LAN, WAN or Internet) for multi-office or store connectivity (optional)
5. Barcode Scanner (optional)
6. Barcode Printer (optional)
7. General purpose Printer for reporting (optional).

3.2. Installation

CASH ONE applications are available in windows setup packages.

1. Double click or run "setup.exe" from client and server installation folders.
2. Follow on screen instructions and complete the installation process.

Repeat step 1,2,3 and 4 for both CASH ONE server and client applications.

Step 1:

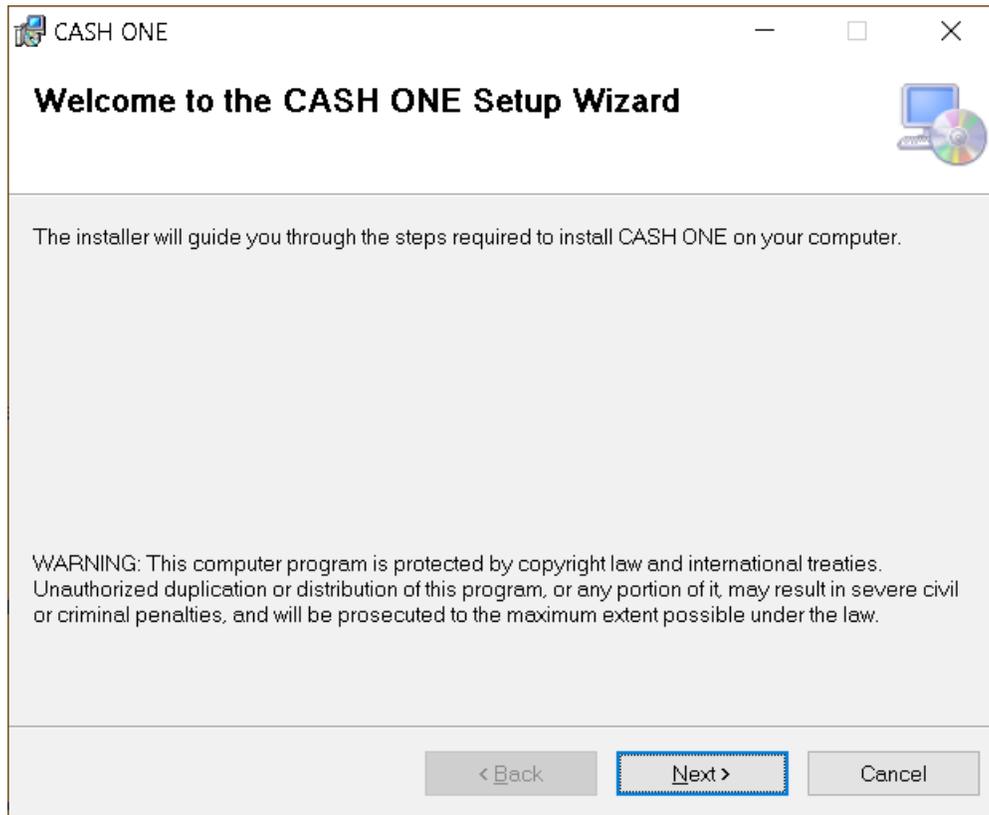


Figure 2

Step 2:

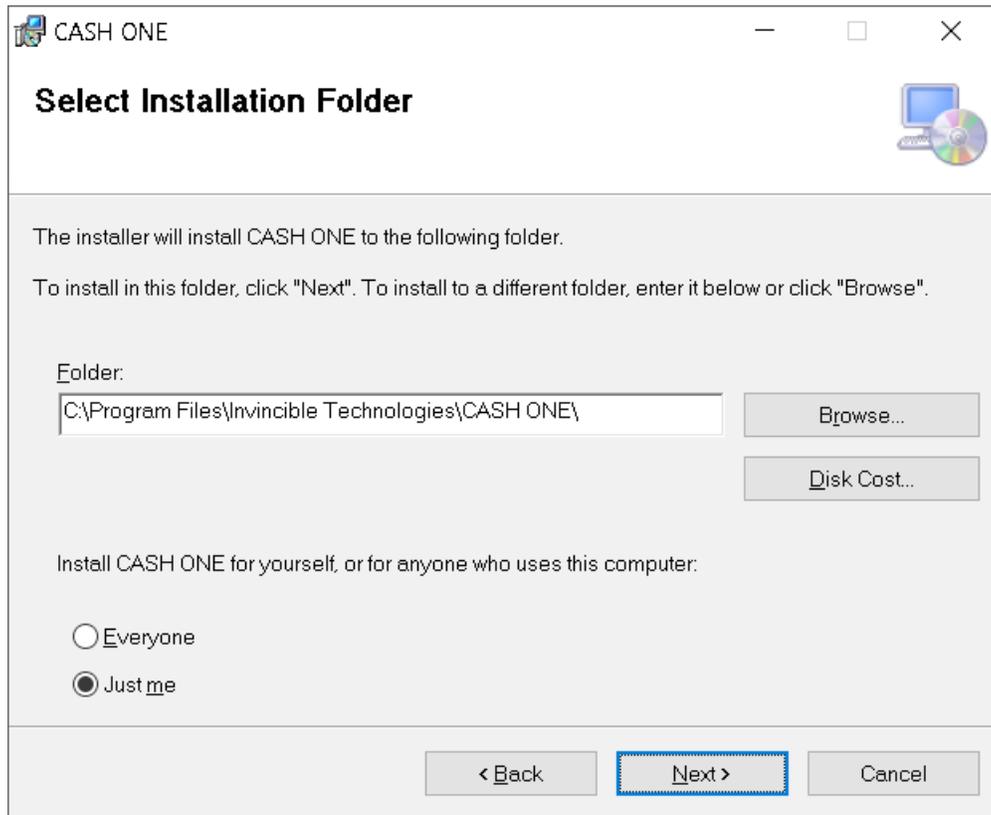


Figure 3

Step 3:

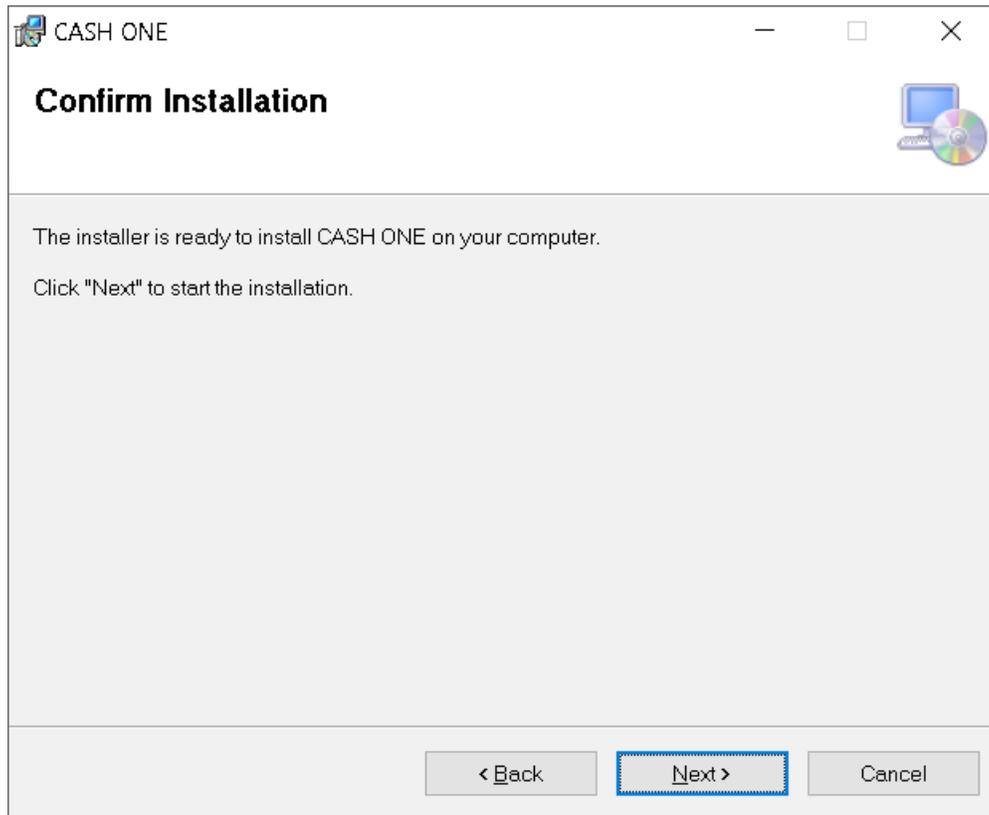


Figure 4

Step 4:

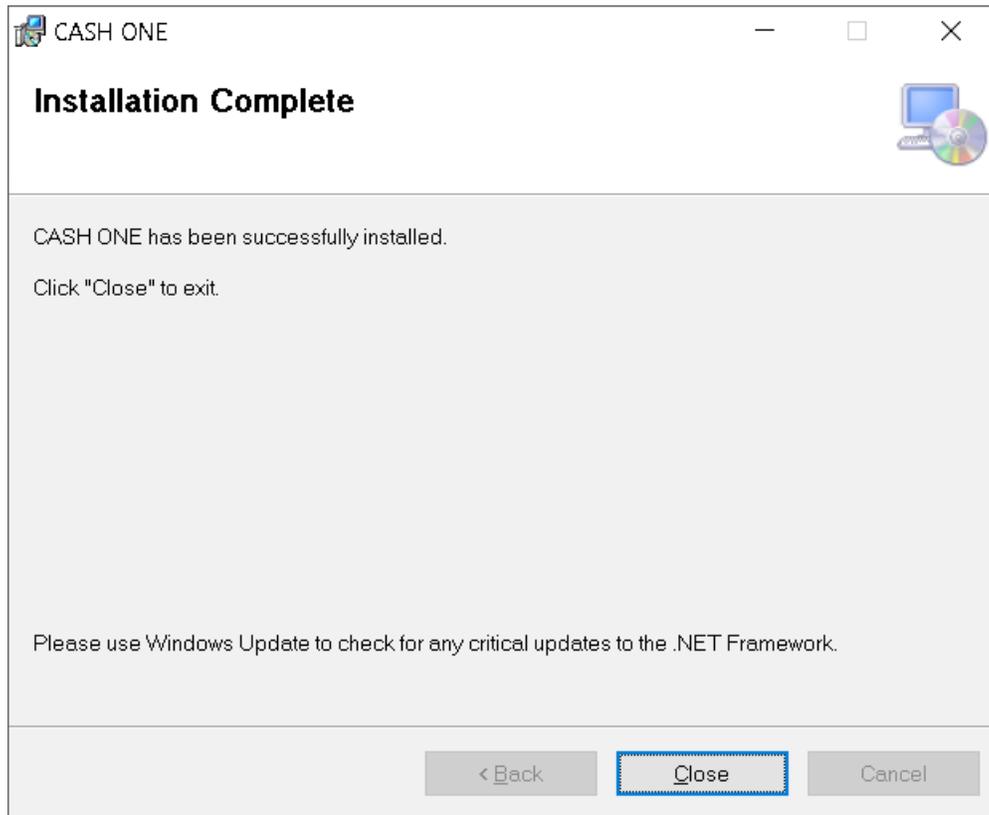


Figure 5

3.3. Database Setup

CASH ONE application works with Microsoft SQL Server (Mixed Mode Authentication) and requires database setup.

1. Run MSSQL Server Management Studio.
2. Load SQL script from installation folder.
3. Ensure database files path exist before running the script.

```

USE [master]
GO
/***** Object: Database [cashone]    Script Date: 12/6/2019 3:22:56 PM *****/
CREATE DATABASE [cashone]
    CONTAINMENT = NONE
    ON PRIMARY
    ( NAME = N'cashone_core', FILENAME = N'D:\cashone\db\cashone.mdf' , SIZE = 73728KB , MAXSIZE = UNLIMITED, FILEGROWTH = 65536KB )
    LOG ON
    ( NAME = N'cashone_core_log', FILENAME = N'D:\cashone\db\cashone_log.ldf' , SIZE = 8192KB , MAXSIZE = 2048GB , FILEGROWTH = 65536KB )
GO
ALTER DATABASE [cashone] SET COMPATIBILITY_LEVEL = 140
GO
USE [cashone]

```

Figure 6

Now, execute script by pressing F5. You may choose Windows authentication or SQL server login to configure CASH ONE server. In order to work with windows authentication set connection string in "POSConsole.exe.config" file accordingly.

3.4. Configuration

After installation, make following changes in server and client configuration files.

3.4.1. Server

Edit "POSConsole.exe.config" file in "C:\Program Files\Invincible Technologies\CASHONE" installation folder and make changes in connection string according to your requirements.

```
connection string="&quot;data source=.\SQLEXPRESS;initial catalog=pos;user id=pos;password=Pos@123;MultipleActiveResultSets=True;App=EntityFramework&quot;
```

Figure 7

Above example image displays a typical SQL server connection string configuration. SQL Server user login and respective database rights must be set appropriately in order to make application work.

3.4.2. Client

Edit "POSApplication.exe.config" file in "C:\Program Files\Invincible Technologies\CASHONE" installation folder and make following changes:

```
<add key="IPAddress" value="127.0.0.1" />
```

Figure 8

Change IP address from "127.0.0.1" to remote computer IP address where application server is installed. If server and client applications are installed on same computer no changes are required to be made.

3.5. Launching Applications

CASH ONE applications can be started by clicking icons available on desktop or by accessing "Start->Invincible Technologies->CASHONE" program menu items.



Figure 9

4. Setup Lists

CASHONE software requires companies, products and lists to be setup before usage. Lists can be accessed by clicking on List menu as displayed in figure 10.

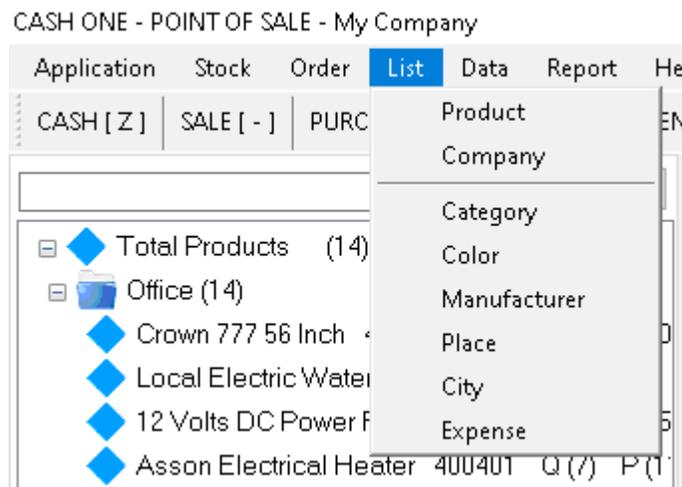


Figure 10

4.1. Products

Open products management form by accessing List → Products menu item as displayed in figure 11. Click Add, Edit or Delete action buttons to add, edit or delete existing products. Editing and deletion is only possible of selected product.

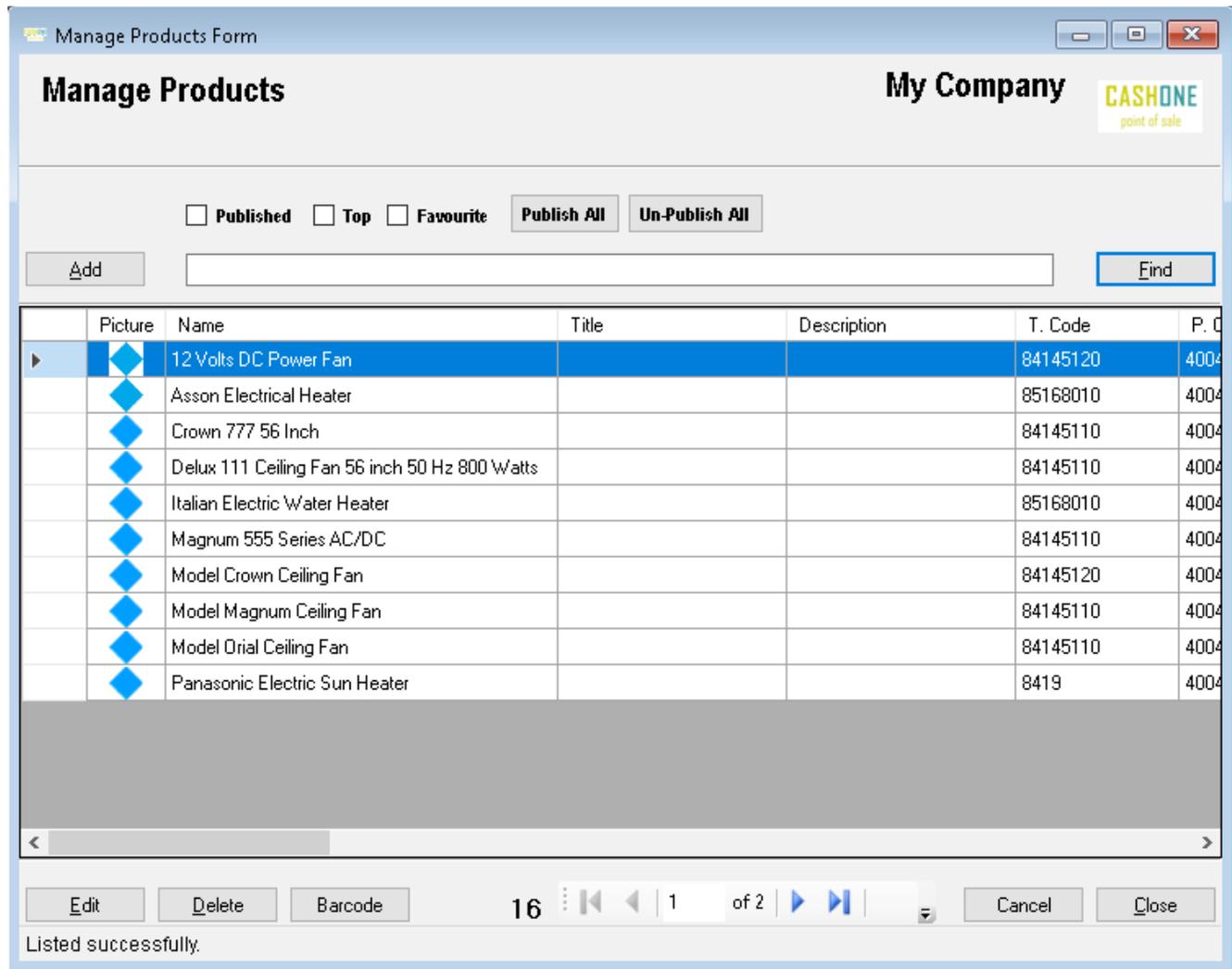


Figure 11

Add Product Form

Add Product

CASH ONE
point of sale

Name

Description

Category **ADVANCE** **Manufacturer** **OTHER**

Code **Color** **BLACK**

Price **Commission (%)**

Income Tax **Sales Tax**

Cost **Stock Level**

Generate Barcode

Save **Cancel** **Close**

Ready.

Figure 12

4.1.1 Barcode Products

Products may require barcode scanning during stock taking and selling. CASHONE facilitates users to generate barcode of a selected product or produce a list of barcodes for multiple products as displayed in figure 13 and 14.

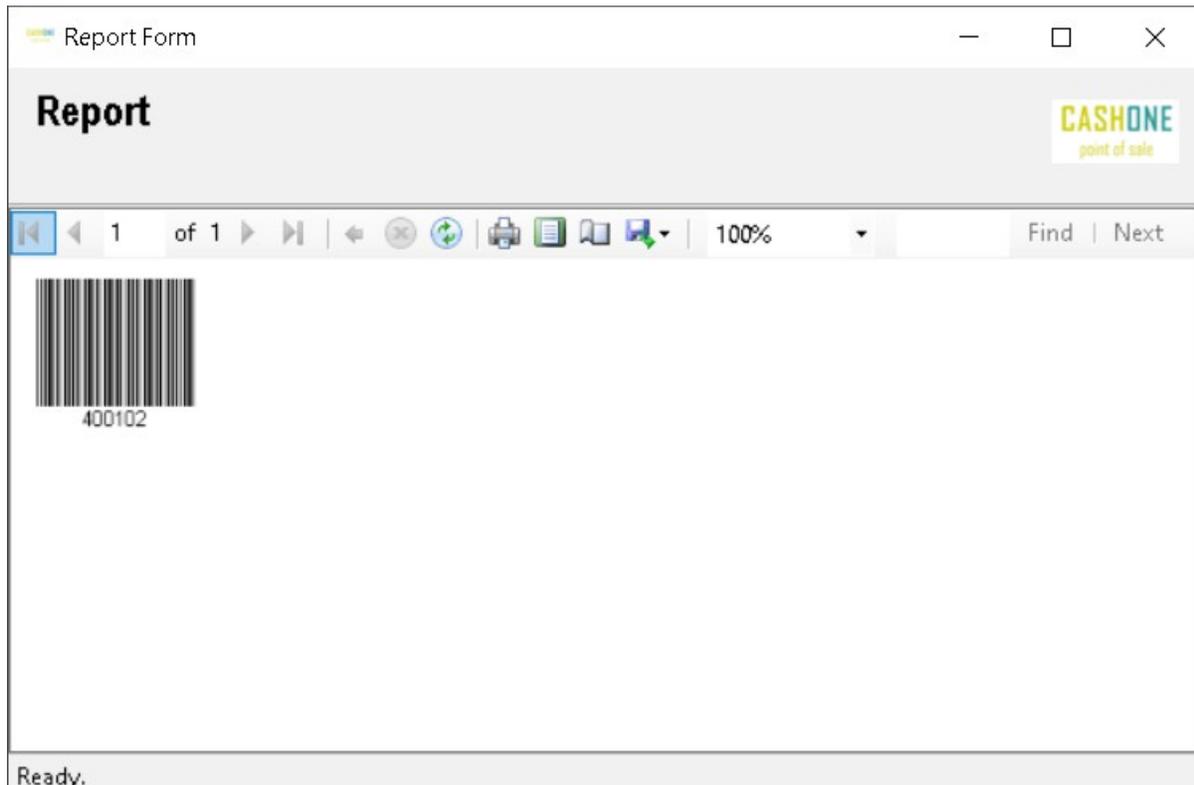


Figure 13

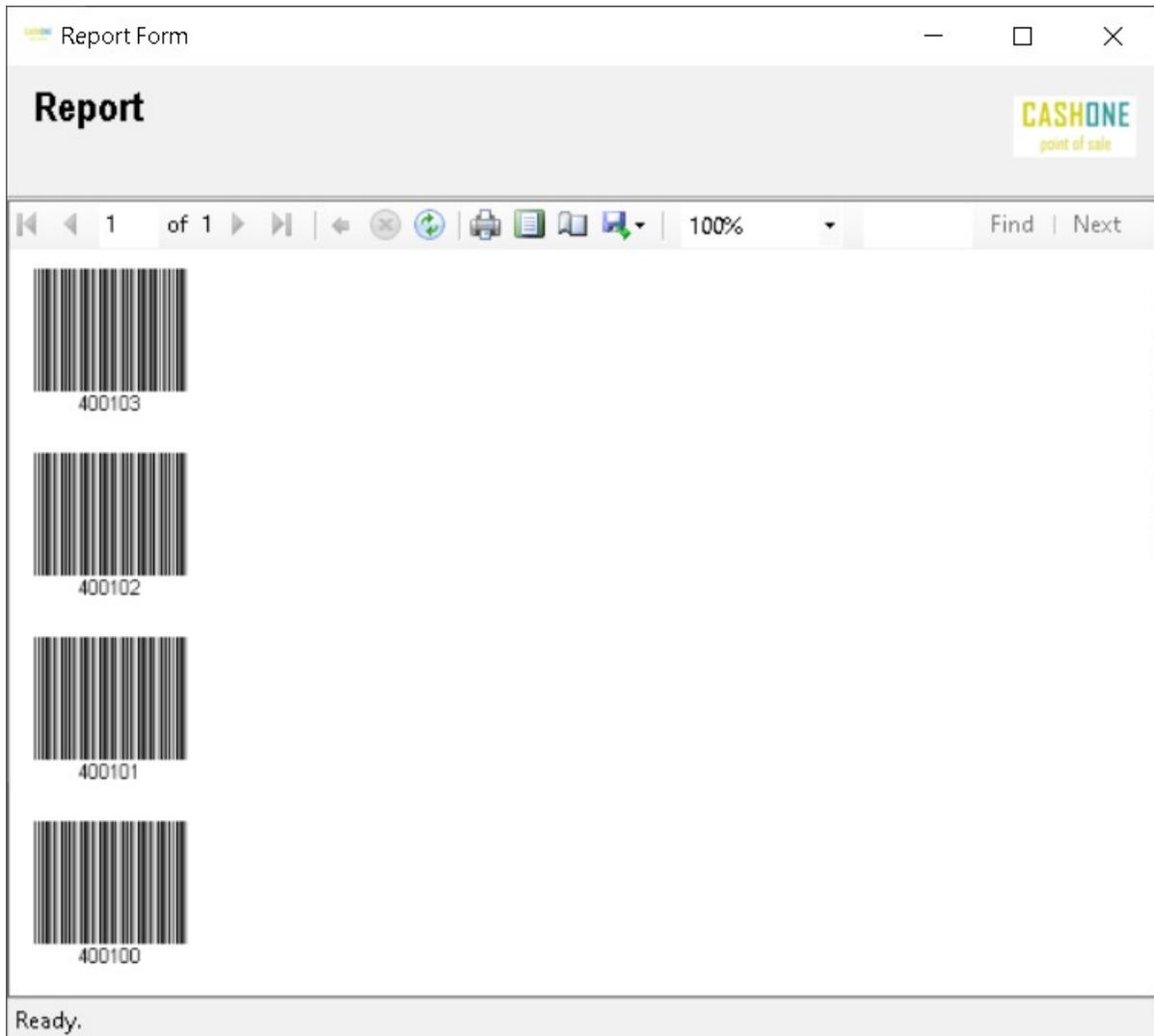


Figure 14

4.2. Companies

Open companies management form by accessing List → Companies menu item as displayed in figure 15. Click Add, Edit or Delete action buttons to add, edit or delete existing company. Editing and deletion is only possible of a selected company.

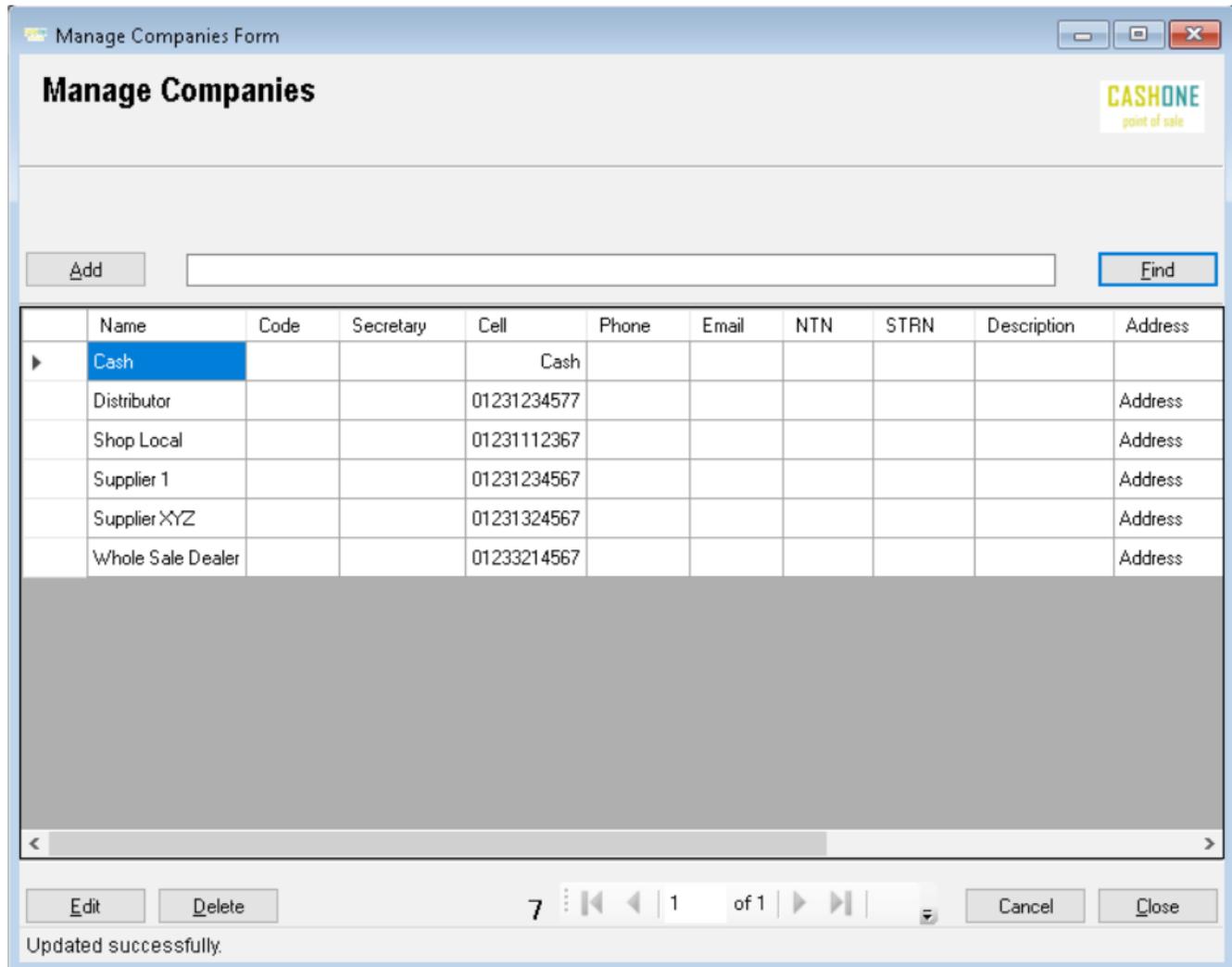


Figure 15

Add Company Form

Add Company

CASH ONE
point of sale

Name

Secretary **Code**

Description

NTN **STRN**

Address

City **State**

Country **Email**

Phone **Cell**

Postal Code

Ready.

Figure 16

4.3. Places

Open places management form by accessing List → Place menu item as displayed in figure 17. Click Add, Edit or Delete action buttons to add, edit or delete existing place. Editing and deletion is only possible of a selected place.

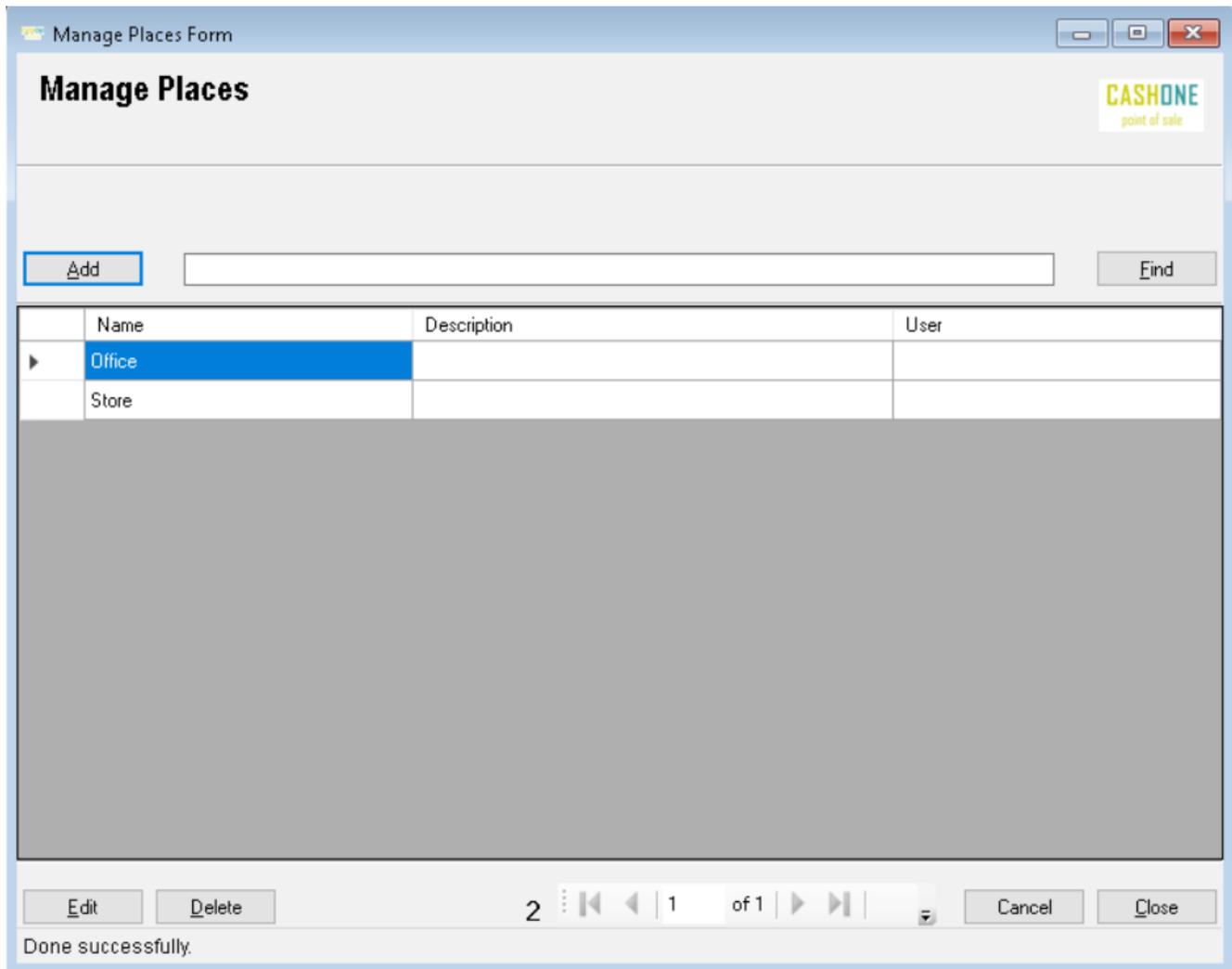


Figure 17

The screenshot shows a software window titled "Add Place Form". The window has a title bar with standard minimize, maximize, and close buttons. Below the title bar, the text "Add Place" is displayed in a large, bold font. To the right of this text is the "CASH ONE point of sale" logo. The main content area contains two labels: "Title" and "Description". The "Title" label is positioned to the left of a single-line text input field. The "Description" label is positioned to the left of a larger, multi-line text input area. At the bottom of the window, there are three buttons: "Save", "Cancel", and "Close". The "Save" button is highlighted with a blue border. Below the buttons, the status bar displays the text "Ready."

Figure 18

Categories, Colors, Manufacturers, Cities and Expense Types list can be managed appropriately following the same pattern as of a Places list.

5. Purchase Products

Open New Purchase form by accessing Application → New Purchase menu item as displayed in figure 19.

1. Enter supplier (company) name, reference contact number,
2. Enter product code,
3. Enter purchased quantity,

that adds stock purchased line item. Repeat Step 2 and 3 to add multiple line items. Press Alt + S or Save button to save new purchase. A purchase receipt will be generated on saving.

(Alternatively, user may use Alt + G, Alt + F (Ctrl + F, Ctrl + Down/Up), Alt + L and Alt + S hot keys to get company, find product, add line item and save new purchase.)

New Purchase Form

New Purchase CASH ONE
point of sale

Cash

General transaction.

Keyword

Product	Code	Quantity
<input type="text"/>	<input type="text"/>	<input type="text" value="1"/>

Price	Commission	Income Tax	Cost
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Legal Code	Purchase Code	Place
<input type="text"/>	<input type="text"/>	Office <input type="text" value="0"/> <input type="button" value="Add Line"/>

Time	Product	Office	Legal Code	Purchase Code	Quantity	Cost	Price
2019-12-11 05:12:52	Wall Clock	Office		400101	10	1,500.00	

Payment note 15000.00

Credit 0.00 Discount= 15000.00

Read successfully.

Figure 19

A purchase receipt is generated upon completion of a new purchase or by pressing Print button on existing (or saved) purchase form.

*Captions are avoided to save space, hover mouse over desired input box and enter required details. After few forms experience you'll perform well.

*In case if you want to load existing customer details, input company name in first 'cash' input box and press "Enter" key or (Alt + G).

*Alternatively, enter reference cell number in second 'cash' input box and 'Tab'.

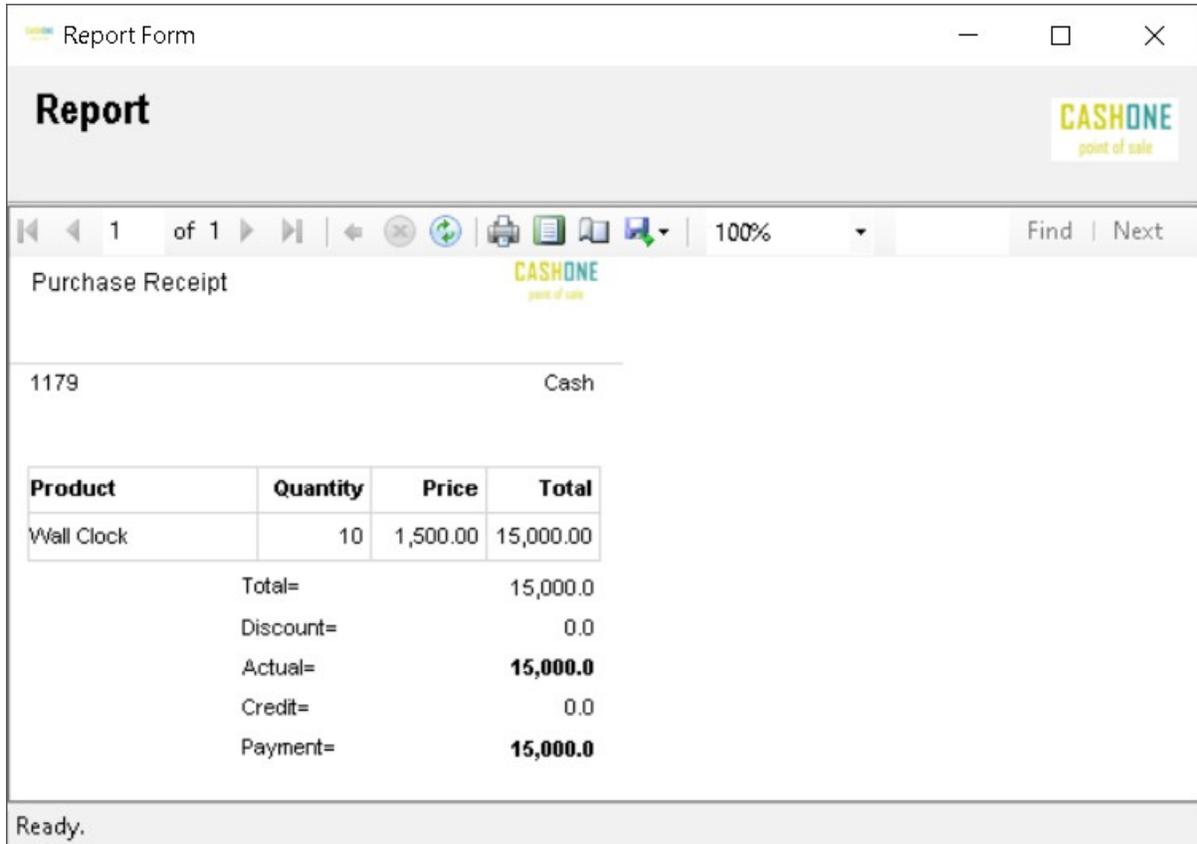


Figure 20

5.1. Purchase Reports

Open Stock Transactions form by accessing Stock → List Purchases menu item as displayed in figure 21. Stock Transactions form will open as displayed in figure 22.

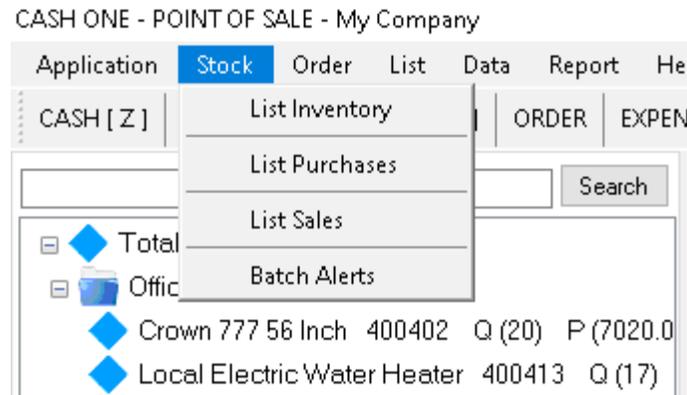


Figure 21

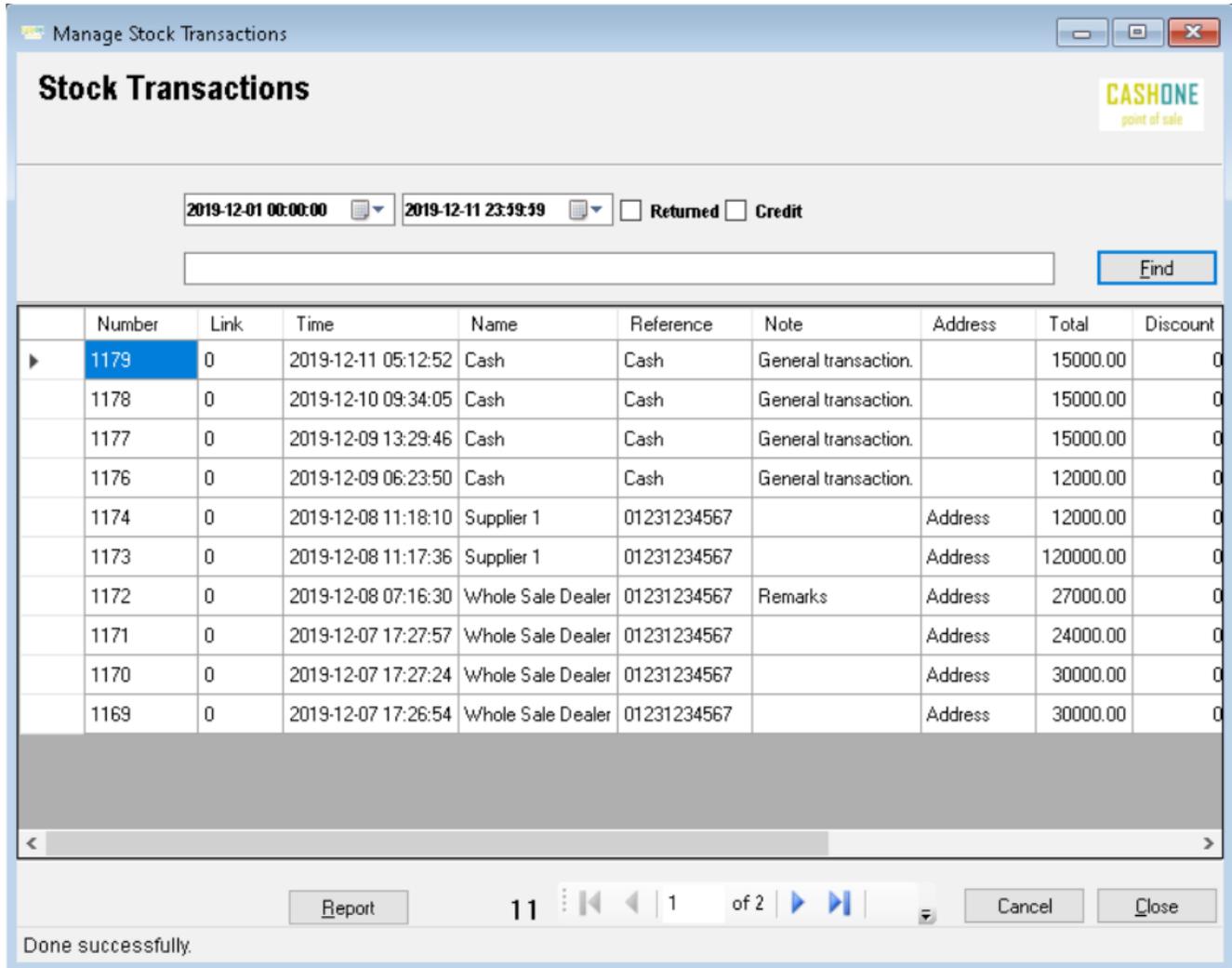


Figure 22

Press report button that will display report selection form (Figure 23).

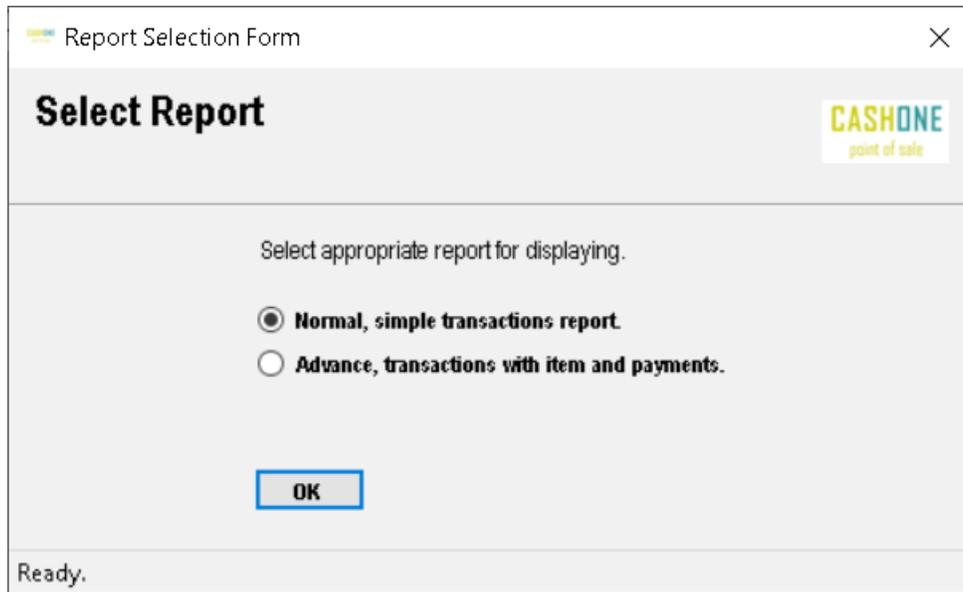


Figure 23

Select Normal or Advance for appropriate reporting as displayed in figure 24 and 25.

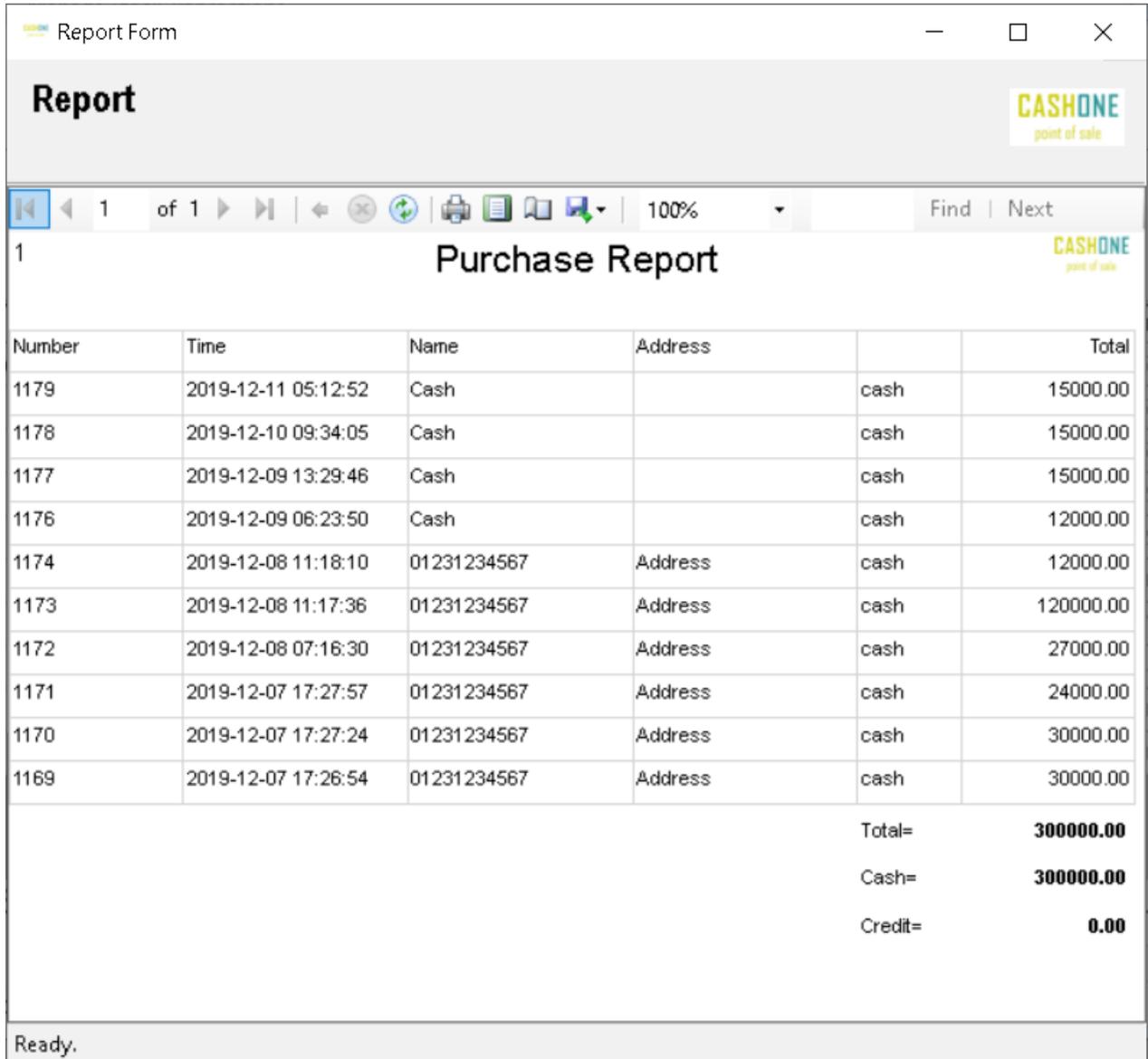


Figure 24

Report Form
— □ ×

Report

2 of 2
100%
Find | Next

Purchase Report

1172	Whole Sale Dealer	01231234567	cash	
Place	Product	Quantity	Price	Total
Office	Wall Clock	10.00	1500.00	15000.00
Office	Wrist Watch	10.00	1200.00	12000.00
Discount:		0.00	20.00	27000.00
			Discounted:	27000.00
			Payment:	27000.00
			Credit:	0.00

1170	Whole Sale Dealer	01231234567	cash	
Place	Product	Quantity	Price	Total
Office	Color Glasses	20.00	1500.00	30000.00
Discount:		0.00	20.00	30000.00
			Discounted:	30000.00
			Payment:	30000.00
			Credit:	0.00

Total Purchase:	303000.00	Discounted Total:	303000.00
Total Quantity:	250.00	Total Payment:	303000.00
Total Cash:	303000.00	Discounted Cash Total:	303000.00
Cash Quantity:	250.00	Total Cash Payment:	303000.00
Total Credit:	0.00	Discounted Credit Sales:	0.00
Credit Quantity:	0.00	Total Credit Payment:	0.00
Total Discount:	0.00	Remaining Payments:	0.00

Ready.

Figure 25

6. Stock Searching & Reporting

Open stock (inventory) form by accessing Stock → List Inventory menu item as displayed in figure 26. Find a stock product by typing in product name or scanning barcode of a product.

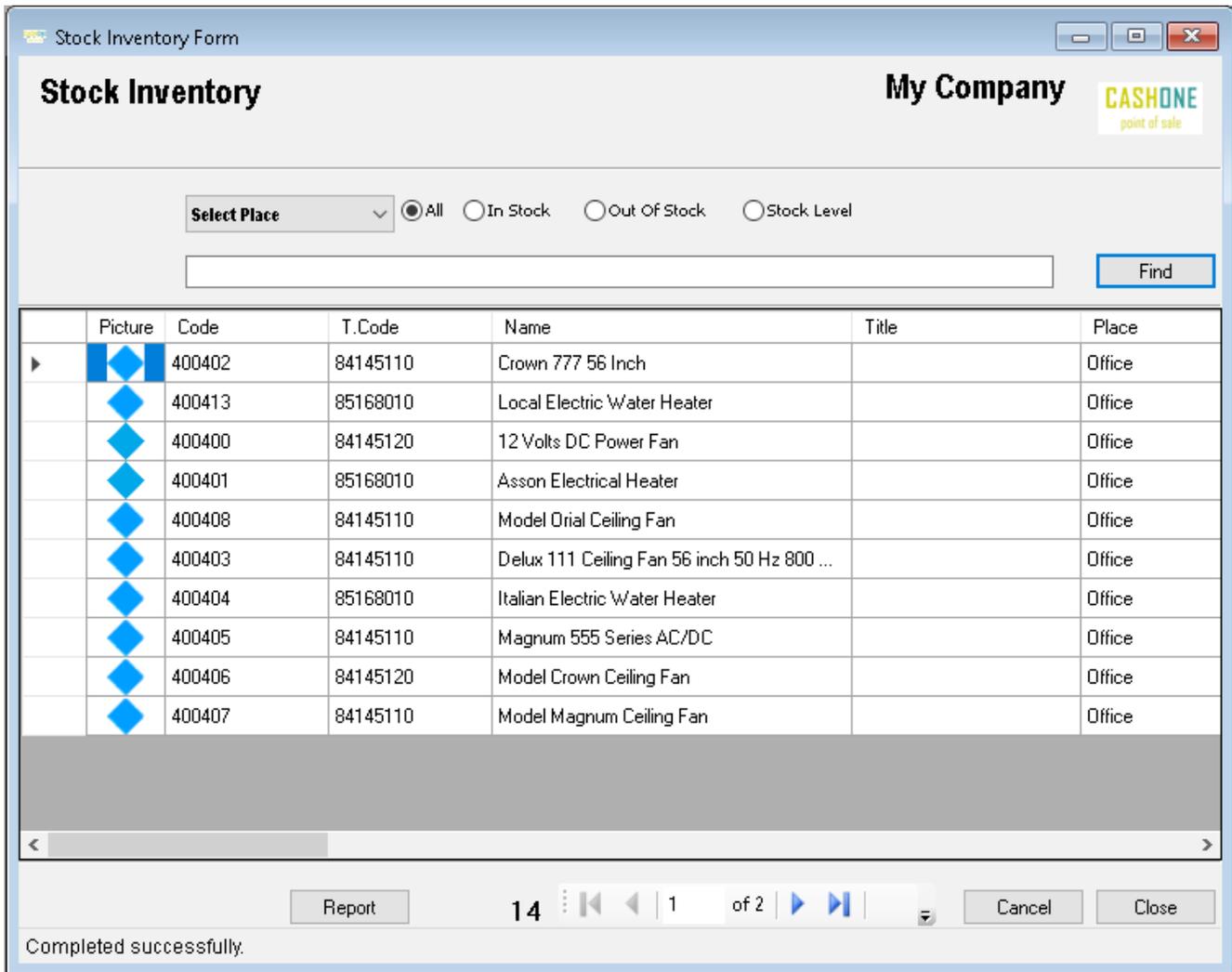


Figure 26

Batch (or group) products can be searched using purchase id (or sales id). Enter batch_no[:::] in stock search keyword input box and press Find button. Stock belonging to the entered batch_no will be displayed. Keyword syntax is as below:

batch_no[:::]product_code (both batch_no and product_code are optional). Input batch_no (purchase_code and sale_code) during purchases and sales.

6.1. Stock Reports

Open stock form by accessing Stock → List Inventory menu item as displayed in figure 26. List or search products on inventory form and press Report button, stock report will be generated (figure 27).

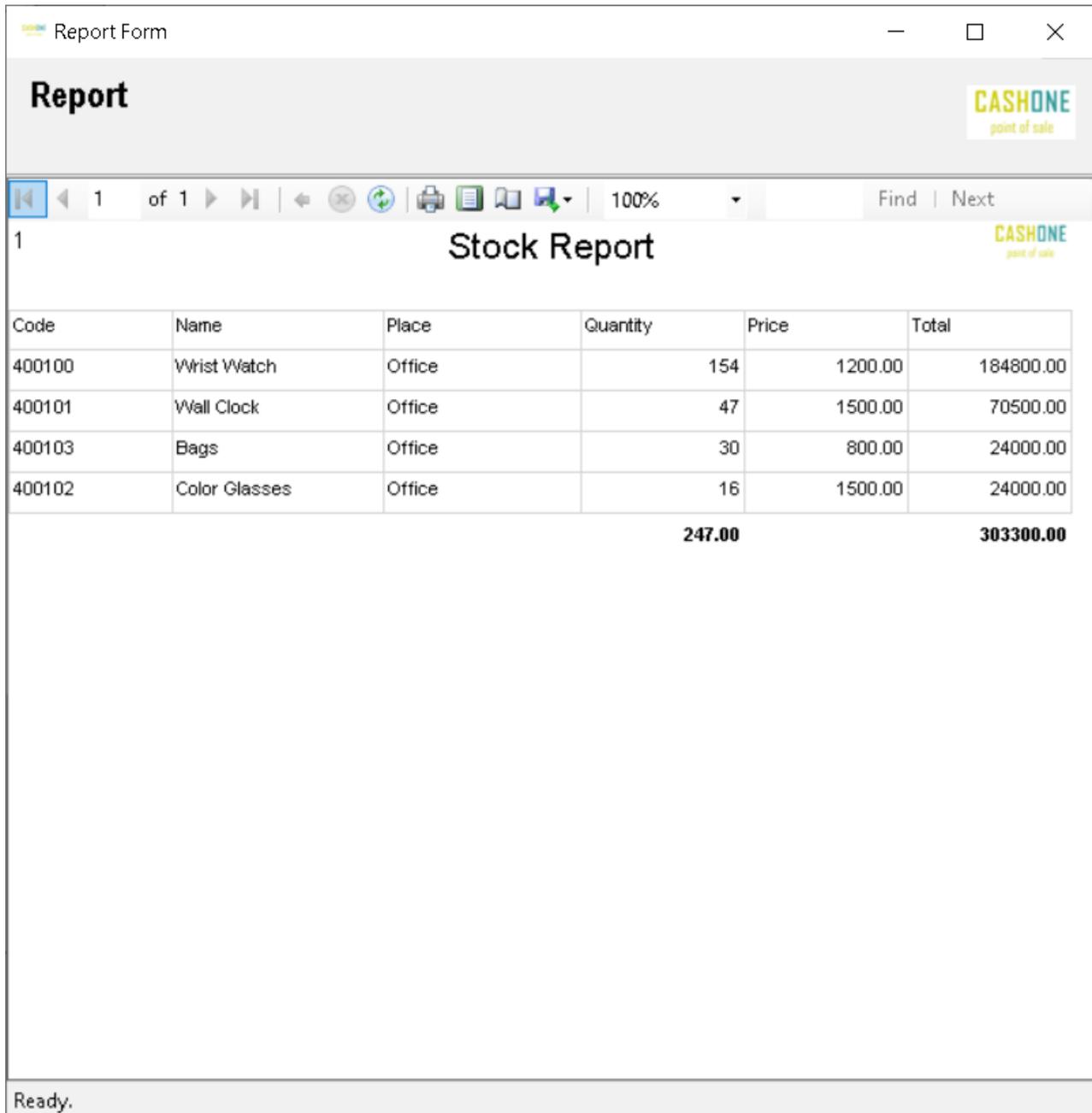


Figure 27

7. Sale Products

Open New Sale form by accessing Application → New Sale menu item as displayed in figure 28.

1. Enter purchaser (company) name, reference contact number,
2. Enter product code,
3. Enter purchased quantity,

that will add stock sold in line items list. Repeat step 2 and 3 to add multiple line items. Press Alt + S or Save button to save new sale. A sales receipt will be generated on saving.

(Alternatively, user may use Alt + G, Alt + F (Ctrl + F, Ctrl + Up/Down), Alt + L and Alt + S hot keys to get company, find product, add line item and save new sales.)

New Sale

Cash Cash 1100

General transaction.

Keyword Find Product Get Company Cash 1

Product	Code	Quantity

Price	Commission	Sales Tax	Cost

Legal Code	Sales Code	Place	Office	Quantity	Add Line
			Office	0	

Time	Product	Office	Legal Code	Sales Code	Quantity	Sales Price	Unit Cost
2019-12-10 09:33:10	Wrist Watch	Office		400100	1	1,200.00	

Payment note Payment 1200.00

Credit 1200.00 Discount= 0.00

Return Copy Print New Cancel Close Save

Read successfully.

Figure 28

User may also take sales using cash register, click Application → Cash Register menu item from application menu or press shortcut key (Alt + Z), this will display following form:

10 **Rs9,250**

Product Code: Quantity: **ADD**

Repairing Service **Rs100**
Available Quantity: (19)

Serial	Product	Quantity	Price	Discount	Total
1	Wrist Watch	1	1200.00	0.00	1200.00
2	Wall Clock	1	1500.00	0.00	1500.00
3	Color Glasses	1	1500.00	20.00	1500.00
4	Bags	1	800.00	10.00	800.00
5	Repairing Service	1	100.00	0.00	100.00
6	Wall Clock	1	1500.00	0.00	1500.00
7	Color Glasses	1	1500.00	20.00	1500.00
8	Bags	1	800.00	10.00	800.00
9	Rayban 2021	1	250.00	0.00	250.00
10	Repairing Service	1	100.00	0.00	100.00

DISC. 0 Rs9,250

Autoprint

Ready.

Figure 29

Scan or enter product code(s); this will add scanned product to list of sold items updating total of quantity and amount.

Cash register also allows you to load existing sales by inputting sales number in product

description area, "Repairing Service Available Quantity" is product description section in above figure 29. Double click and input existing sales number (like 1205) as displayed in following figure 30 and press enter this will load sales record.



Figure 30

Cash register may also be used for credit sales, once you complete addition of all product items, their total will be displayed on top right corner like Rs. 9250 as displayed in figure 29. Double click total amount and input paid amount like 8000, this will update product description with paid amount and total on top right of the form as displayed in following figure 31.

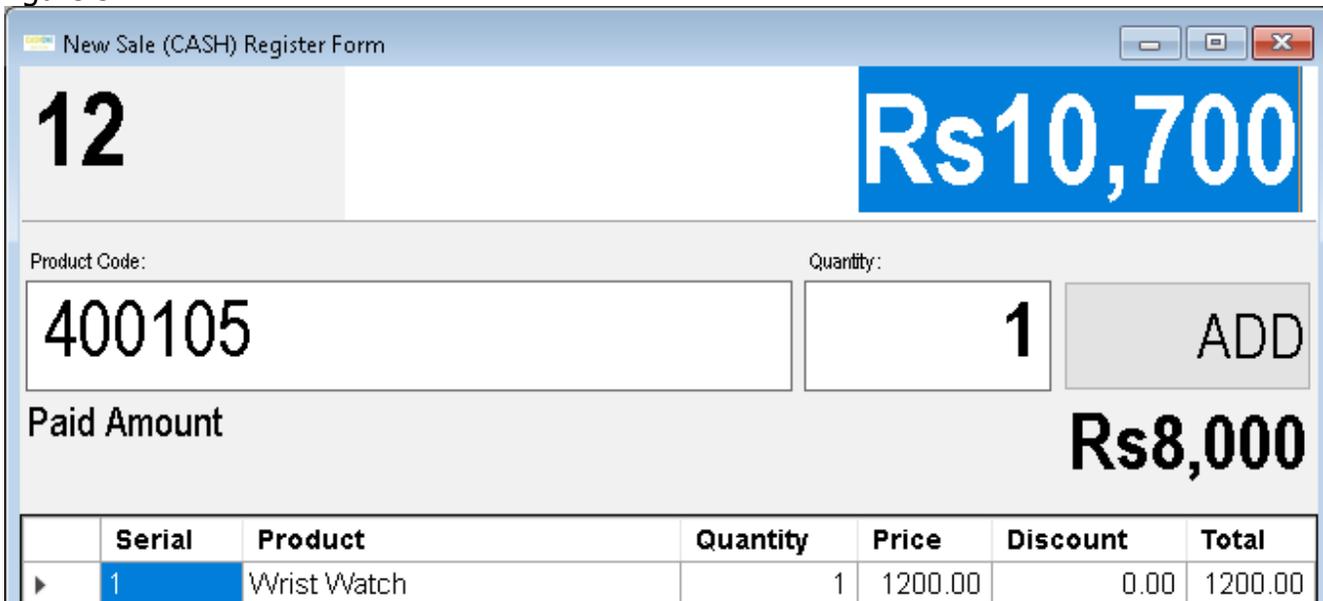


Figure. 31

Save (cash or credit) sale by pressing alt + s, this will save cash sales immediately while in case of credit sales, "select credit company form" will be displayed, select your credit company from list and this will save your credit sales.

Figure. 32

Remaining amount of credit sales will be displayed in product description section.

1. User may add quantity (1, or required integrals) in product code input box and press Ctrl + Q that will adjust quantity and retain control for product (code) input.
2. Typing in product code or name and pressing Ctrl + F will open product selection form.
3. Entering product code will add product with quantity in list.
4. For open pack quantity sales entering (0 1 10) will adjust price of 1 item of total 10.
5. For new pack sales entering 1 2 10 in product code and pressing Ctrl + Q will adjust new pack quantity, open pack quantity and price.

A sales receipt is generated upon completion of a new sale or by pressing Print button on existing sales form.

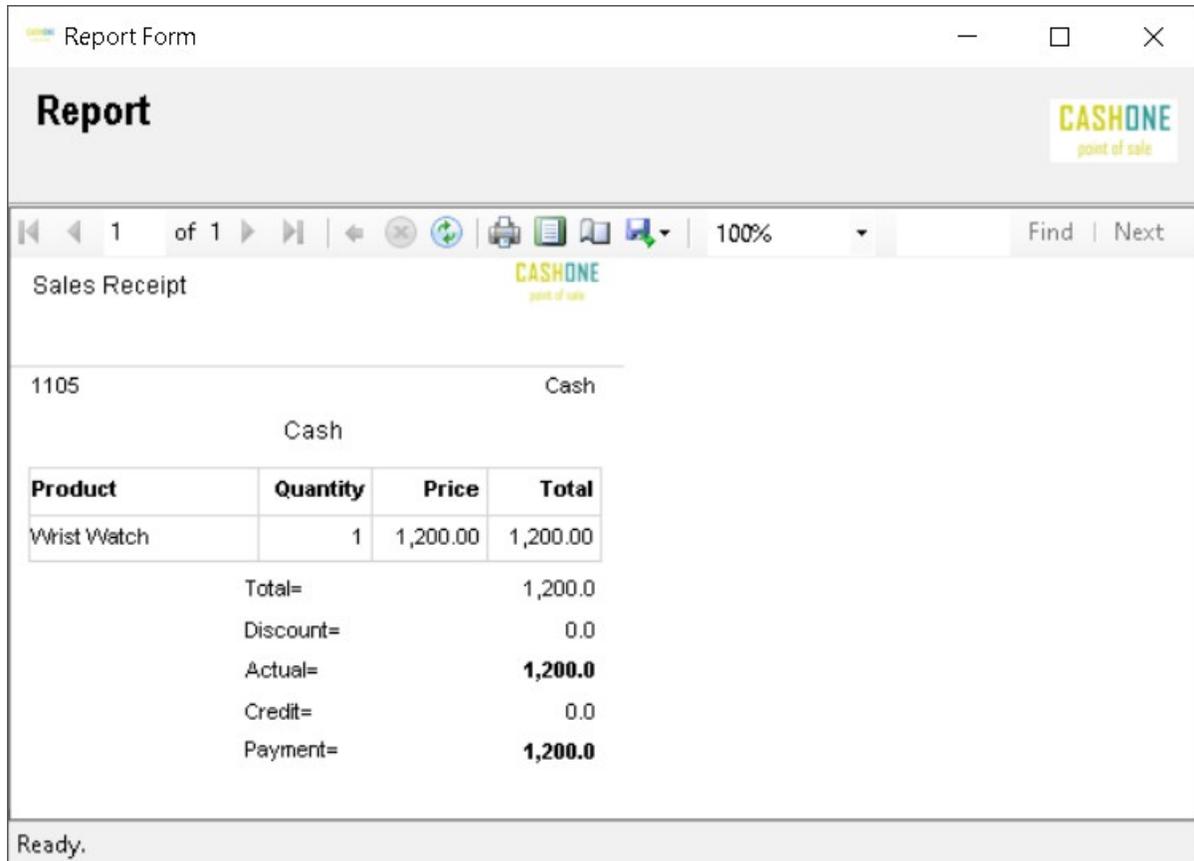


Figure 33

7.1. Sales Reports

Open Sales Transactions form by accessing Stock → List Sales menu item as displayed in figure 34. Sales Transactions form will open as displayed in figure 35.

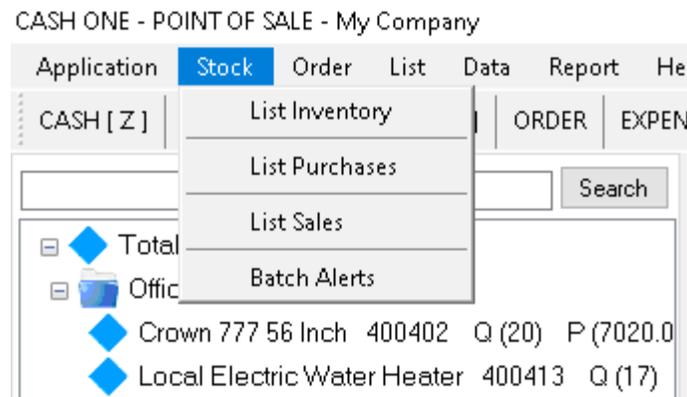


Figure 34

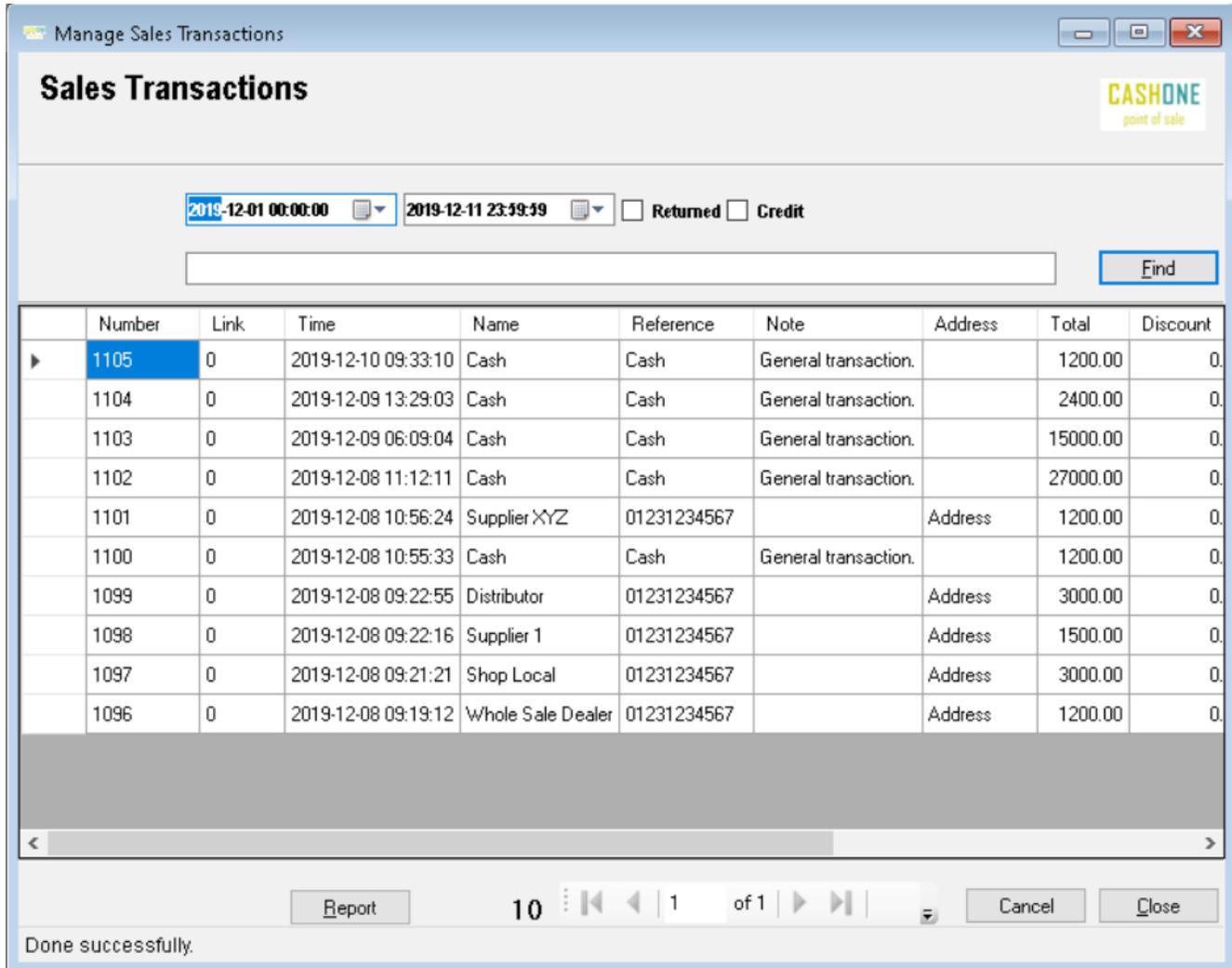


Figure 35

Press report button that will display report selection form (Figure 36).

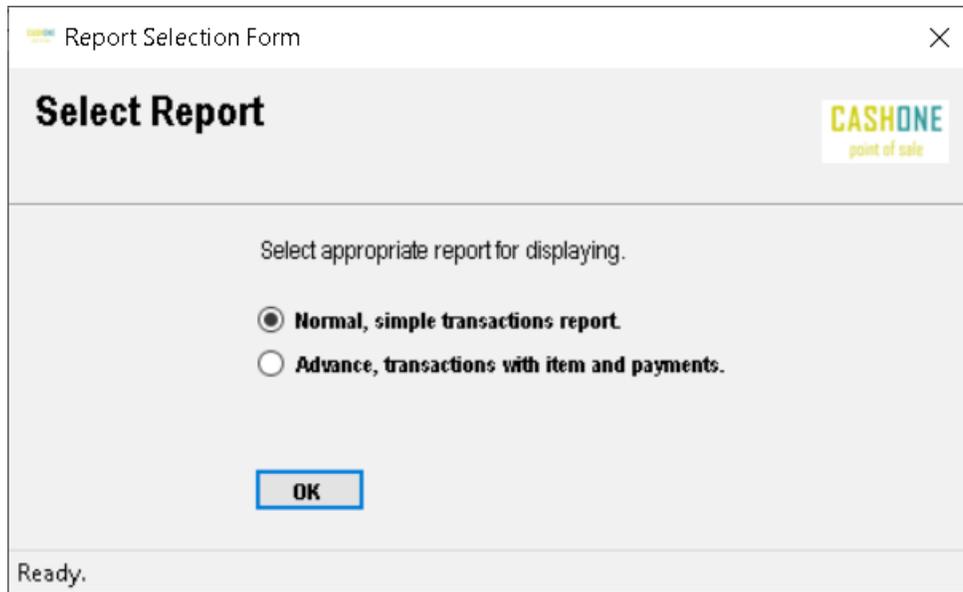


Figure 36

Select Normal or Advance for appropriate reporting as displayed in figure 37 and 38.

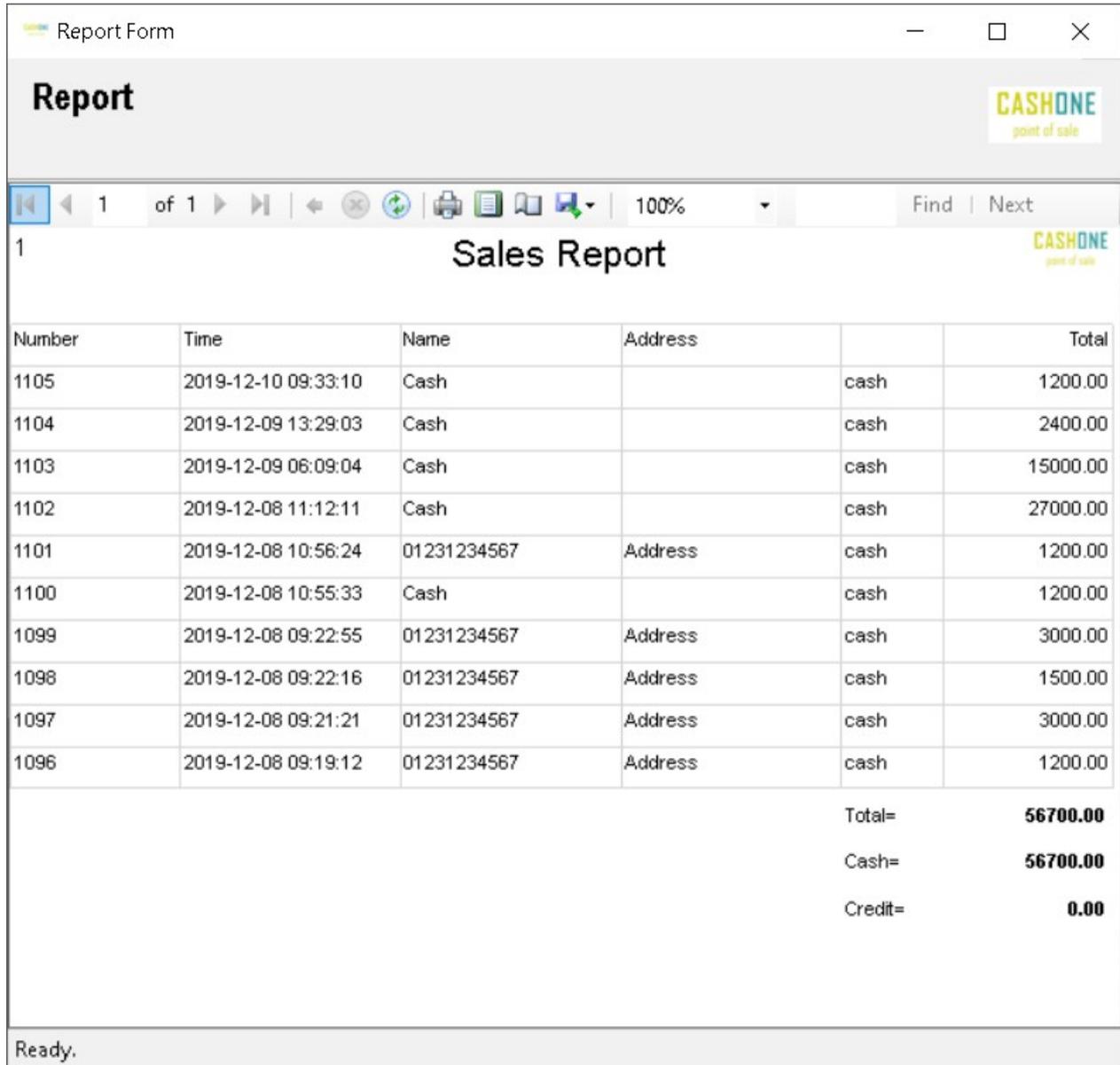


Figure 37

Report Form
— □ ×

Report

1 of 1 | 100% | Find | Next

Sales Report

1104 Cash Cash cash

Place	Product	Quantity	Price	Total
Office	Wrist Watch	2.00	1200.00	2400.00

Discount: 0.00 **2.00** **2400.00**

Discounted: **2400.00**

Payment: **2400.00**

Credit: **0.00**

1103 Cash Cash cash

Place	Product	Quantity	Price	Total
Office	Wall Clock	2.00	1500.00	3000.00
Office	Wrist Watch	10.00	1200.00	12000.00

Discount: 0.00 **12.00** **15000.00**

Discounted: **15000.00**

Payment: **15000.00**

Credit: **0.00**

Total Sales:	17400.00	Discounted Total:	17400.00
Total Quantity:	14.00	Total Payment:	17400.00
Total Cash:	17400.00	Discounted Cash Total:	17400.00
Cash Quantity:	14.00	Total Cash Payment:	17400.00
Total Credit:	0.00	Discounted Credit Sales:	0.00
Credit Quantity:	0.00	Total Credit Payment:	0.00
Total Discount:	0.00	Remaining Payments:	0.00

Ready.

Figure 38

8. Manage Expenses

Open expenses management form by accessing Application → New Expense menu item as displayed in figure 39. Click Add, Edit or Delete action buttons to add, edit or delete existing expense. Editing and deletion is only possible of a selected expense.

The screenshot shows the 'Manage Expense Form' window. At the top, there are filters for date range (2019-12-01 00:00:00 to 2019-12-11 23:59:59), 'Select Expense', and 'Select Place'. Below these are 'Add' and 'Find' buttons. The main area contains a table with the following data:

	Time	Expense	Place	Description	Amount	Remaining	Sales Tax	Income Tax
▶	2019-12-02 15:19:14	Fuel	Store	Fuel A1 Optics Store	3,000.00		0.00	0.00
	2019-12-02 15:20:49	Electricity	Office	Electricity A1 Optics Office	1,000.00		0.00	0.00
	2019-12-02 15:24:22	Electricity	Office	Electricity A1 Optics Office	1,000.00		0.00	0.00
	2019-12-02 15:26:06	Cell	Office	Cell A1 Optics Office	1,000.00		0.00	0.00
	2019-12-02 15:27:57	Electricity	Office	Electricity A1 Optics Office	1,000.00		0.00	0.00
	2019-12-02 15:28:11	Fuel	Office	Fuel A1 Optics Office	500.00		0.00	0.00
	2019-12-02 15:29:26	Electricity	Office	Electricity A1 Optics Office	1,500.00		0.00	0.00
	2019-12-02 15:29:36	Cell	Office	Cell A1 Optics Office	600.00		0.00	0.00
	2019-12-05 13:36:06	Cell	Office	Cell A1 Optics Office	1,000.00		0.00	0.00
	2019-12-06 07:24:45	Electricity	Office	Electricity A1 Optics Office	5,000.00	40,000.00	0.00	0.00

At the bottom, there are buttons for 'Edit', 'Delete', and 'Report'. A status bar shows '15 of 2' items. The window title is 'Manage Expense Form' and the status bar at the very bottom says 'Done successfully.'.

Figure 39

Add Expense Form

Add Expense CASH ONE point of sale

Expense	Electricity	Place	Office
Description	Electricity Office		
Amount	1000.00	Remaining	0.00
Sales Tax	0.00	Income Tax	0.00

Save **Cancel** **Close**

Ready.

Figure 40

8.1. Expense Reports

Open expenses management form by accessing Application → New Expense menu item as displayed in figure 39. List or select expenses and press Report button, expenses report will be generated (figure 41).

The screenshot shows a window titled 'Report Form' with a 'Report' header and the 'CASHONE point of sale' logo. Below the header is a navigation bar with page controls (1 of 1), a search bar (Find | Next), and a 100% zoom level. The main content area displays an 'Expense Report' table with the following data:

Title	Time	Place	Description	Total	Remaining
Cell	2019-12-02 15:26:06	Office	Cell A1 Optics Office	1000.00	
	2019-12-02 15:29:36	Office	Cell A1 Optics Office	600.00	
	2019-12-05 13:36:06	Office	Cell A1 Optics Office	1000.00	
			Total	2600.00	
Electricity	2019-12-02 15:20:49	Office	Electricity A1 Optics Office	1000.00	
	2019-12-02 15:24:22	Office	Electricity A1 Optics Office	1000.00	
	2019-12-02 15:27:57	Office	Electricity A1 Optics Office	1000.00	
	2019-12-02 15:29:26	Office	Electricity A1 Optics Office	1500.00	
	2019-12-06 07:24:45	Office	Electricity A1 Optics Office	5000.00	40000.00
		Total	9500.00		
Fuel	2019-12-02 15:19:14	Store	Fuel A1 Optics Store	3000.00	
	2019-12-02 15:28:11	Office	Fuel A1 Optics Office	500.00	
			Total	3500.00	

At the bottom of the window, the status bar shows 'Ready.'

Figure 41

9. Orders

In CASHONE POS, Orders are advance booking of purchases or sales. Book orders or generate templates of frequent sales or purchases it works in both scenarios. Lets say a frequent sale is a collection of 10 items and an other one is of 20 items and rather scanning items and calculating price of each sale or purchase, import a frequent fix items sale from existing order template.

A store may take advance orders from customers or maintain their order templates and deliver items smoothly. Open order form by clicking Order → New (Edit) Order menu item as shown in figure 42.

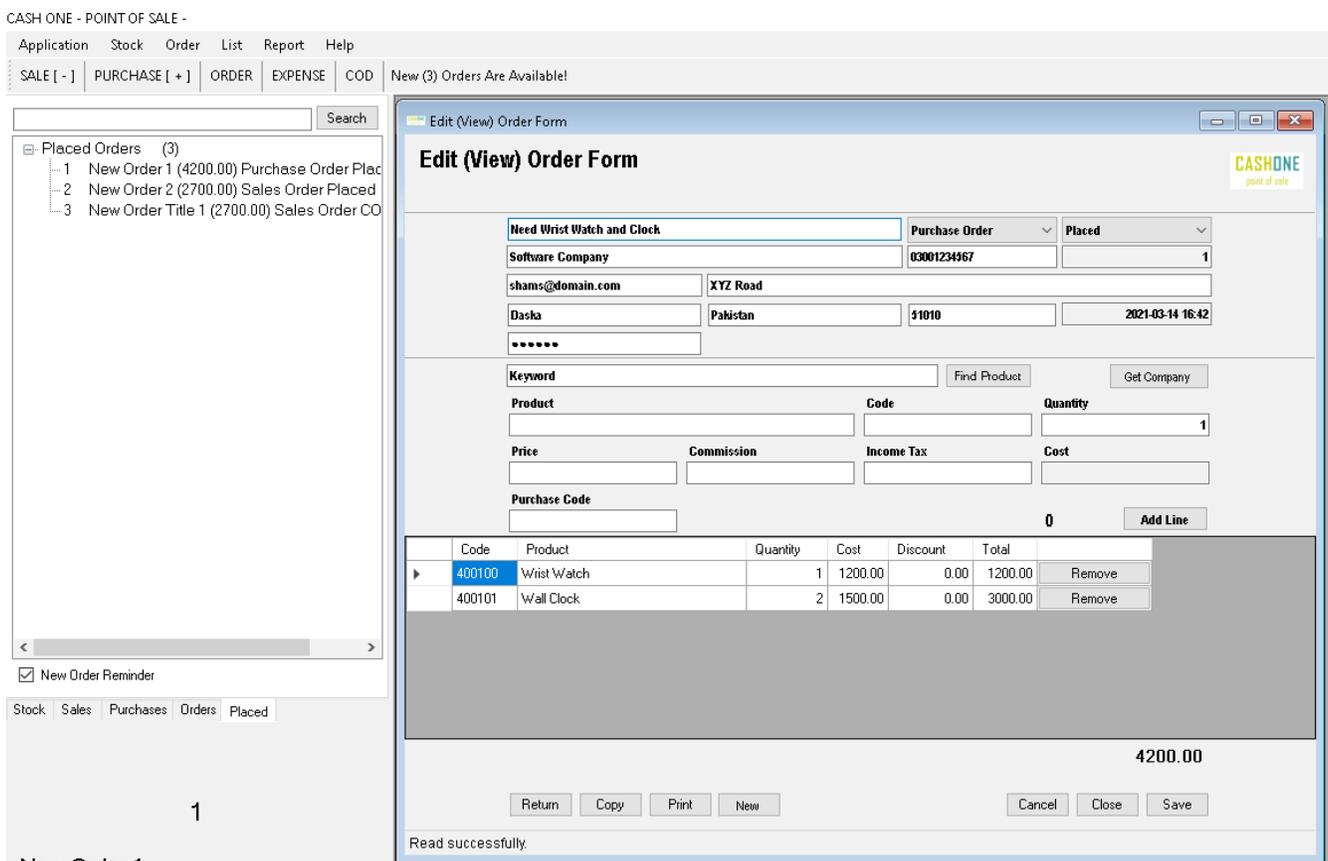


Figure 42

Input order details and save.

*Captions are avoided to save space, hover mouse over desired input box and enter required details. After few forms experience you'll perform well.

User may list existing orders by accessing Orders → List Orders menu item as displayed in following figure.

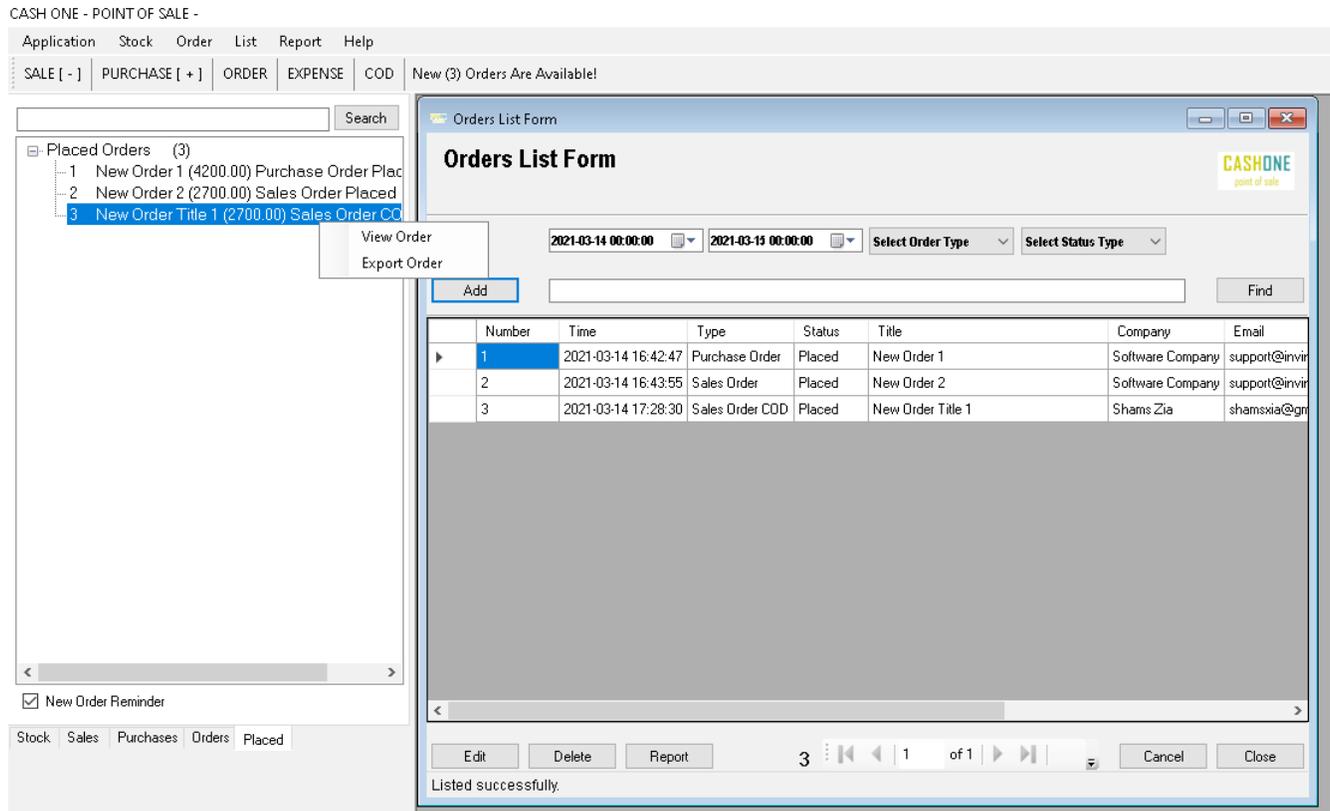


Figure 43

10. List Offices / Counter Stations

CASHONE (0.0.36) adds new office token feature. User can manage (add/edit/delete) offices using "Token → List Token Offices / Counters" menu item. Offices list is displayed on "Settings" tab and "Manage Office Tokens" list form.

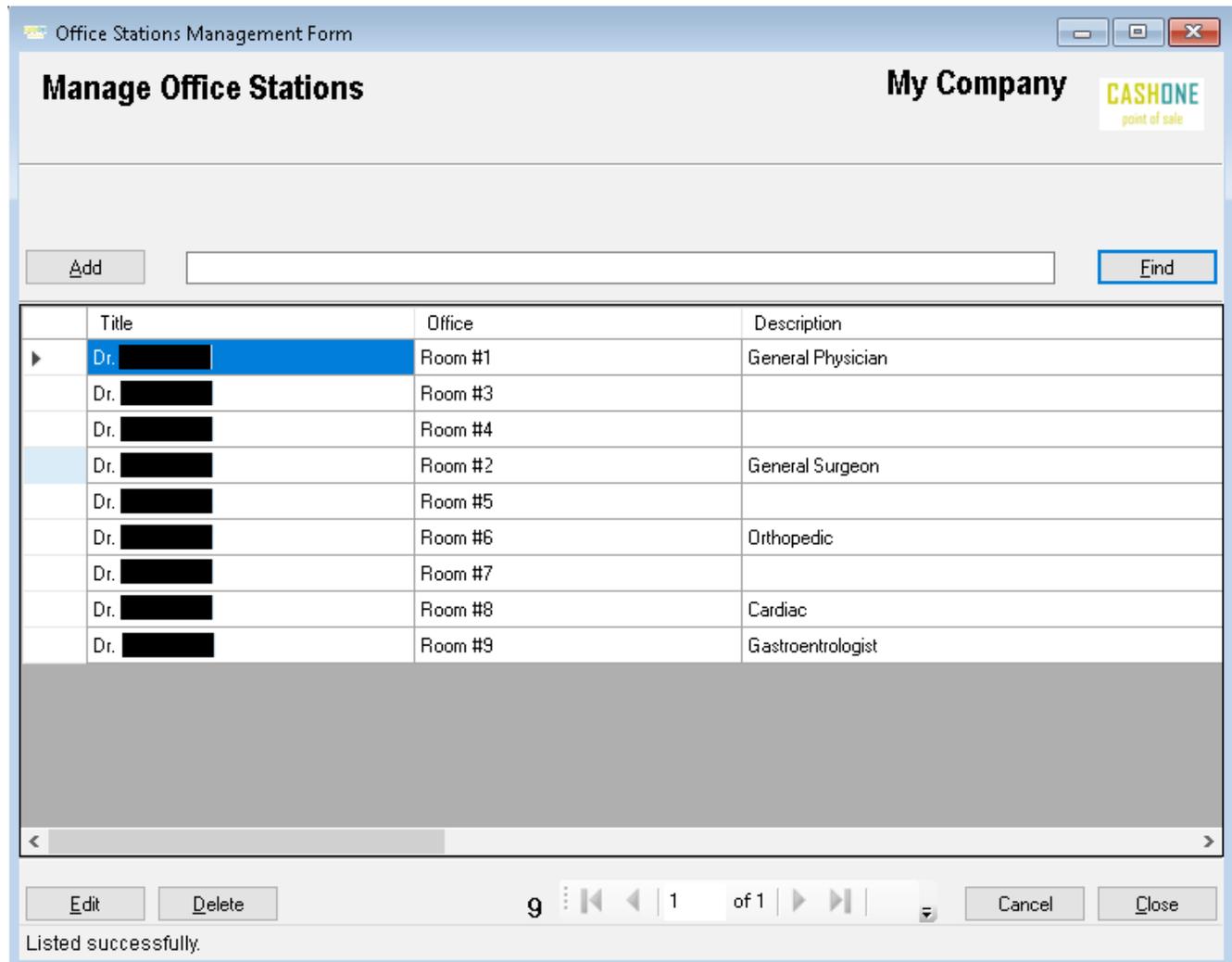
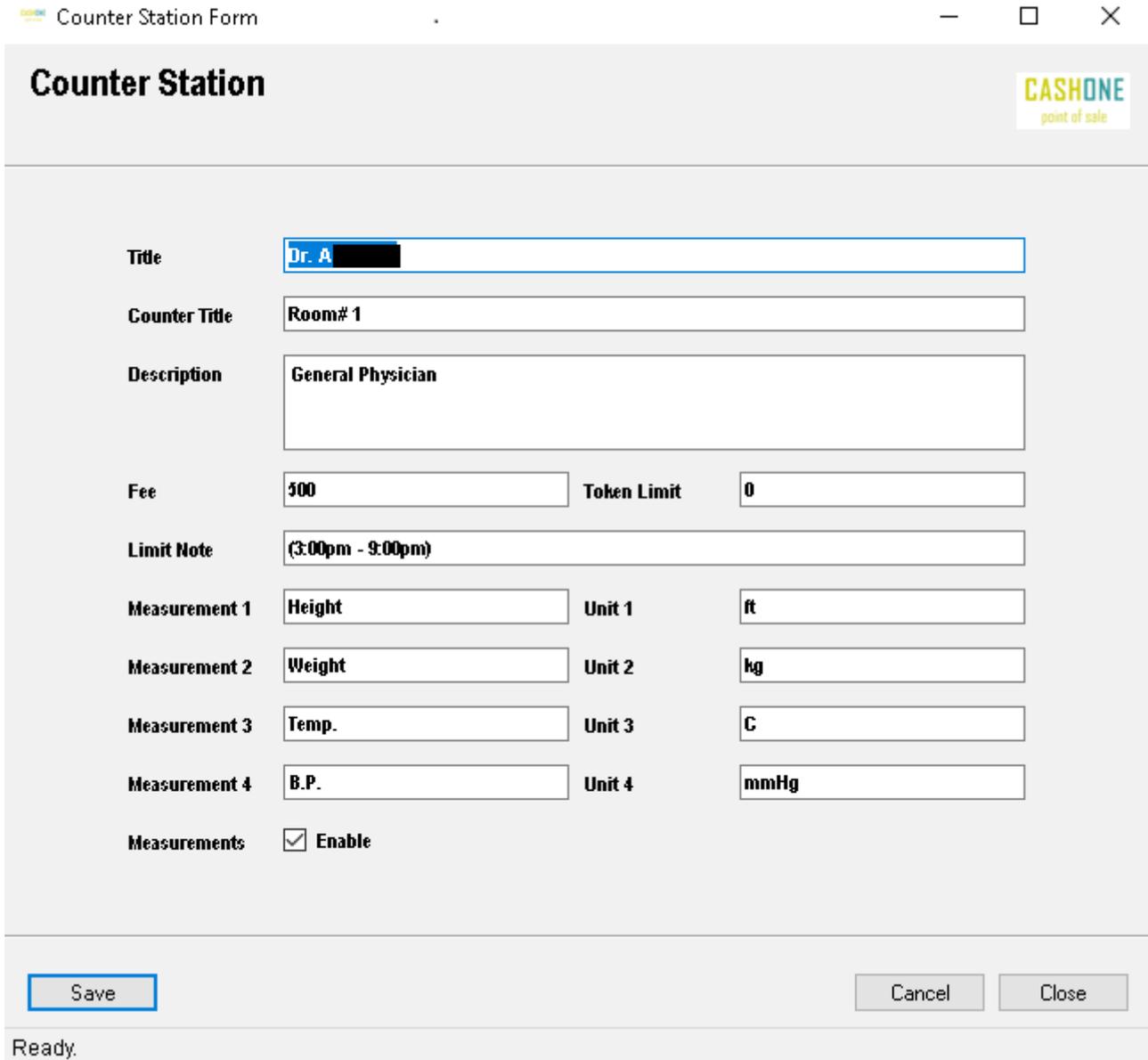


Figure 44

10.1. Add/Edit New Station

Add new office (counter) station by pressing "Add" button on "Manage Office Stations" form as displayed in figure 44.



Counter Station Form

Counter Station CASHONE point of sale

Title Dr. A

Counter Title Room# 1

Description General Physician

Fee 500 **Token Limit** 0

Limit Note (3:00pm - 9:00pm)

Measurement 1 Height **Unit 1** ft

Measurement 2 Weight **Unit 2** kg

Measurement 3 Temp. **Unit 3** C

Measurement 4 B.P. **Unit 4** mmHg

Measurements Enable

Save Cancel Close

Ready.

Figure 45

In order to edit, select a counter station from "Manage Office Stations" form and press "Edit" button.

11. List Office Tokens

Open tokens list form by selecting "Token → List Token" menu item.

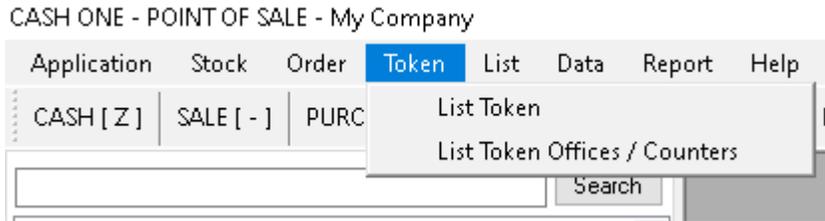


Figure 46

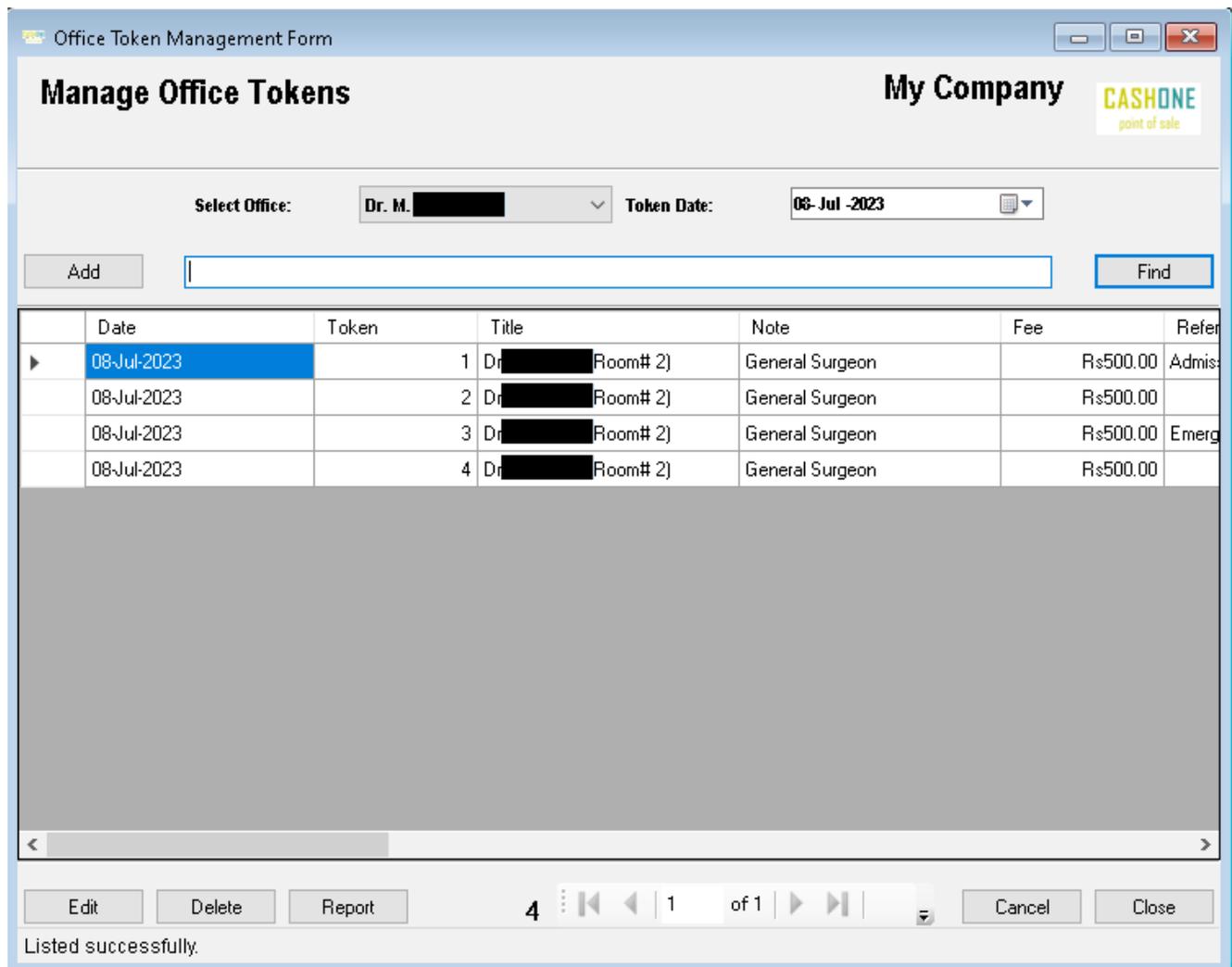


Figure 47

List office (consultant) tokens by selecting an office from list with token date.

11.1. Add/Edit New Token

Add new office token by pressing "Add" button on "Manage Office Tokens" form as displayed in figure 47. Selected consultant information will be pre-loaded.

The screenshot shows a web application window titled "Office Token Form". The window contains a form with the following fields and values:

Office	Dr. [REDACTED]	Date	09-Jul-2023 06:11
Title	Dr. [REDACTED] pom# 2		
Description	General Surgeon		
Token	0	Reference	Admission
Visitor	M. Ashraf		
Legal ID	-	Contact	-
Address	-		
Description	-		
Measurement 1	Height ft		6
Measurement 2	Weight kg		120
Measurement 3	Temp. C		99
Measurement 4	B.P. mmHg		120
Cancelled	<input type="checkbox"/>		

At the bottom of the form, there are three buttons: "Save", "Cancel", and "Close". The "Save" button is highlighted with a blue border. Below the buttons, a status message reads "Completed successfully."

Figure 48

Input visitor detail with required data and press save button. New token will be generated as displayed in figure 49.

<h1>Office Token</h1>			
09-Jul-2023 11:15 AM			
M. Ashraf		7/9/2023 6:11:53 AM	
-			
--		Fee	500.00
Dr. M. ██████(Room#2)		Admission	
<h1>1</h1>			
Measure 1:	Height 6 ft		
Measure 2:	Weight 120 kg		
Measure 3:	Temp. 99 C		
Measure 4:	B.P. 120 80 mmHg		
<h2>My Company</h2>			

Figure 49

12. Generate Token Order

A new advice order may be generated with token information. This feature integrates counter and consultant. Check "Order Advice" checkbox in settings tab, and press "Add" button on "Manage Office Tokens" form. Fill in and save "Office Token" form as displayed in figure 48. This will generate new token and token consultant order.

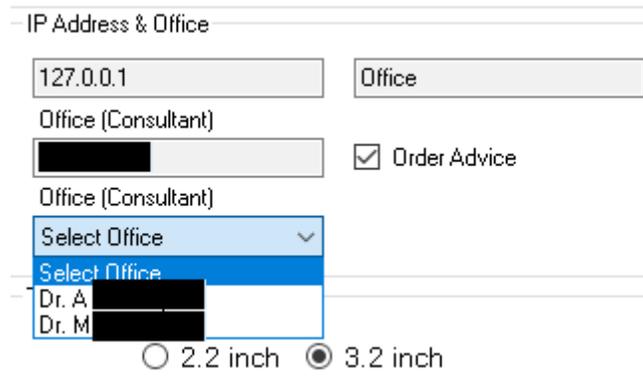


Figure 50

Newly generated order will be displayed in "Orders" tab. Select order type, status and press search button.

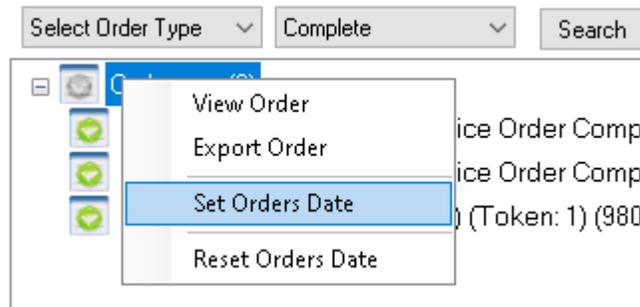


Figure 51

Select (double click, enter) a token order from the list and complete consulting operation. User may filter orders by date through "Set Orders Date" tree list menu item.

12.1. Save/Print (Advice) Order Report

Fill in (advice) order items and press save button to complete order consulting.

Edit (View) Order Form My Company CASHONE point of sale

Dr. M. [REDACTED] (Room# 2) (Token: 1) Sales Order Placed

M. Ashraf - 47

NA -

NA NA NA 2023-07-09 11:15

Height 6 ft, Weight 120 kg, Temp. 99 C, B.P. 120 80 mmHg

Keyword Find Product Get Company

Product	Code	Quantity
		1

Price	Commission	Income Tax	Cost
			378.13

0 Add Line

Code	Name		
022968	Calamox Suspension 156.25mg\5ml 60ml	1 0 1	Remove
000827	Flagyl Tab 400mg	1 0 0	Remove

0

Return Copy Print New Cancel Close Save

Read successfully.

Figure 52

1 Advice No: 47 

July 9, 2023 Sales Order
Dr. M. [REDACTED] (Room# 2) (Token: 1) Complete
M. Ashraf 0000000001
Address: - City: NA Country: NA NA

Remarks (Observations): **Token: 1**
Height 5 ft, Weight 120 kg, Temp. 99 C, B.P. 120/80 mmHg

Advice:

Code		
022968	Calamox Suspension 156.25mg/5ml/60ml	1 0 1
000827	FbgylTab 400mg	1 0 0

My Company

Figure 53

13. Application Preferences (Settings)

User may set CASHONE POS application preferences from within application or using POSApplication.exe.config found in installation directory.

Important configurations include:

1. Setting Office Accounting Subscription (Optional)
2. Setting CASHONE Server IP Address and Port
3. Enabling Windows Security (Optional)
4. Setting or Selecting between Printing Options
5. Install FBR Fiscalization Service and Setup Server with POSID (Optional).

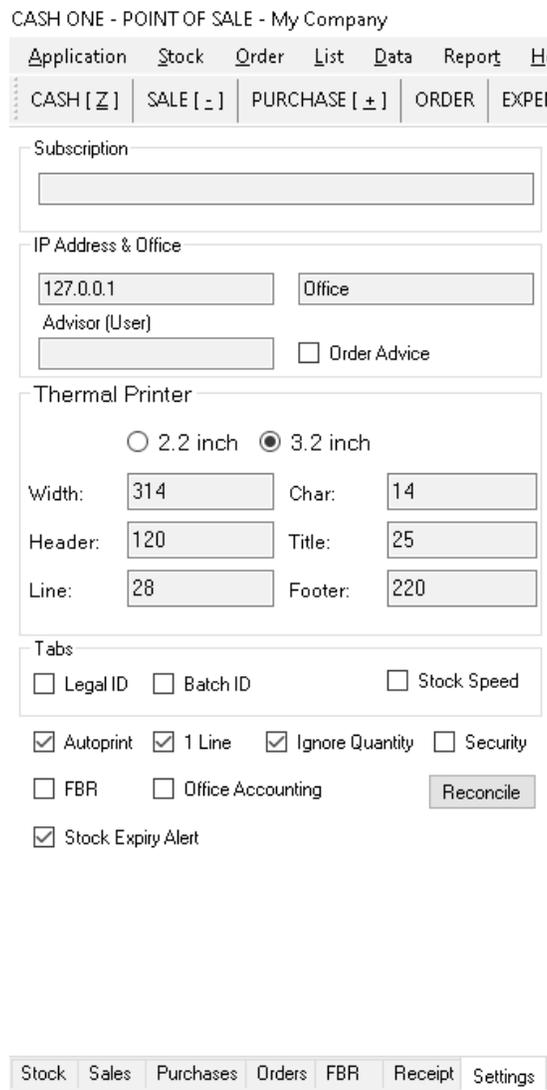


Figure 54

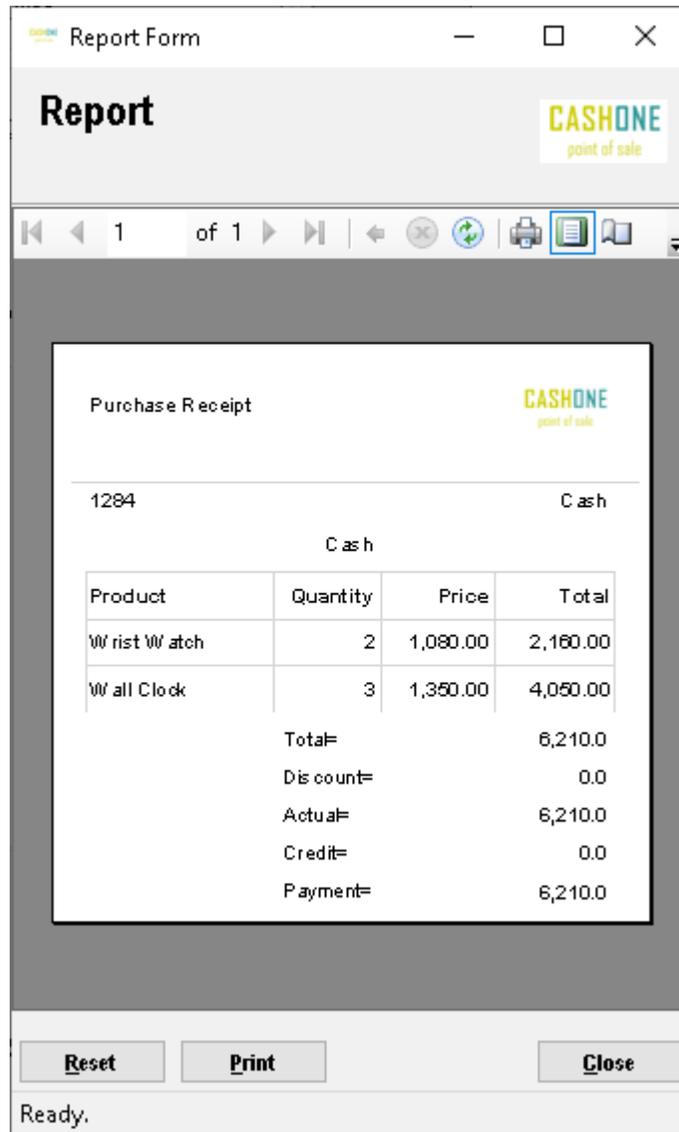


Figure 55

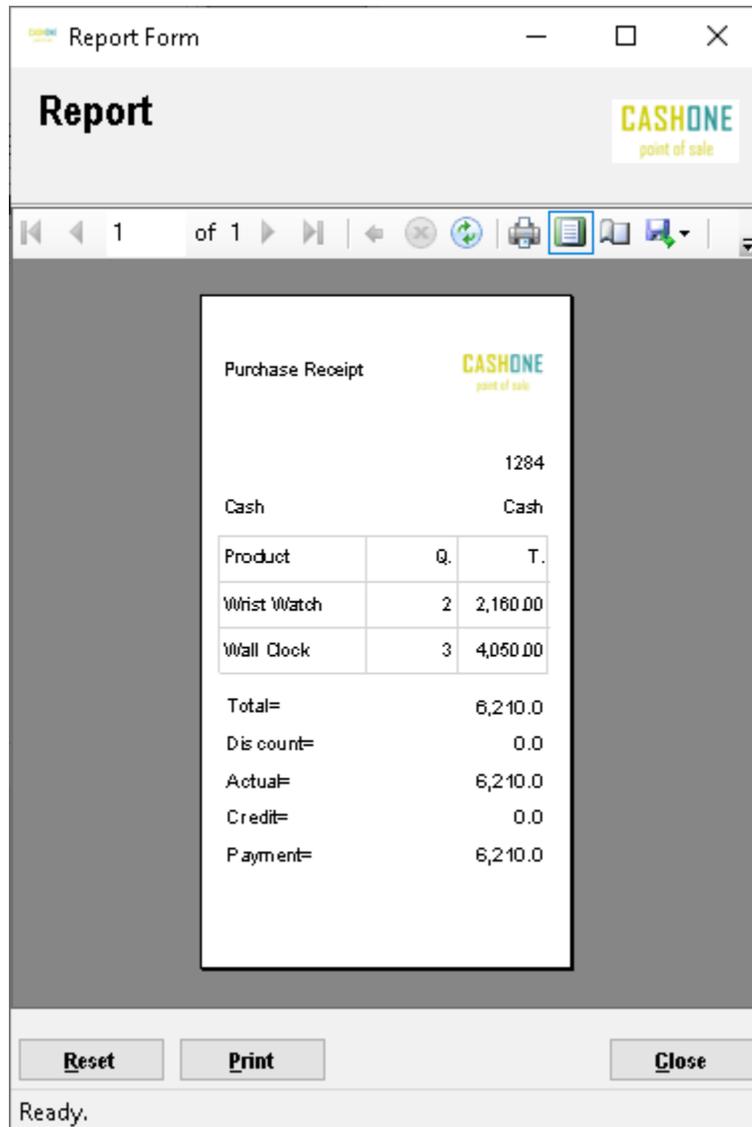


Figure 56

In POSApplication.exe.config user may also configure its company name, address and phone number that will be printed on thermal receipt.

14. Cashone Cart and Order Taking

CASHONE CART is an open source web application project available at <https://github.com/shamszia/windtrees.cashonecart> github source code repository. CASHONE CART makes online order taking simple. Integrate with CASHONE POS and run your stores. Customers can place orders online while store is busy in delivering orders, saving a few counters. You may also extend CASHONE CART source code and integrate with a payment provider.

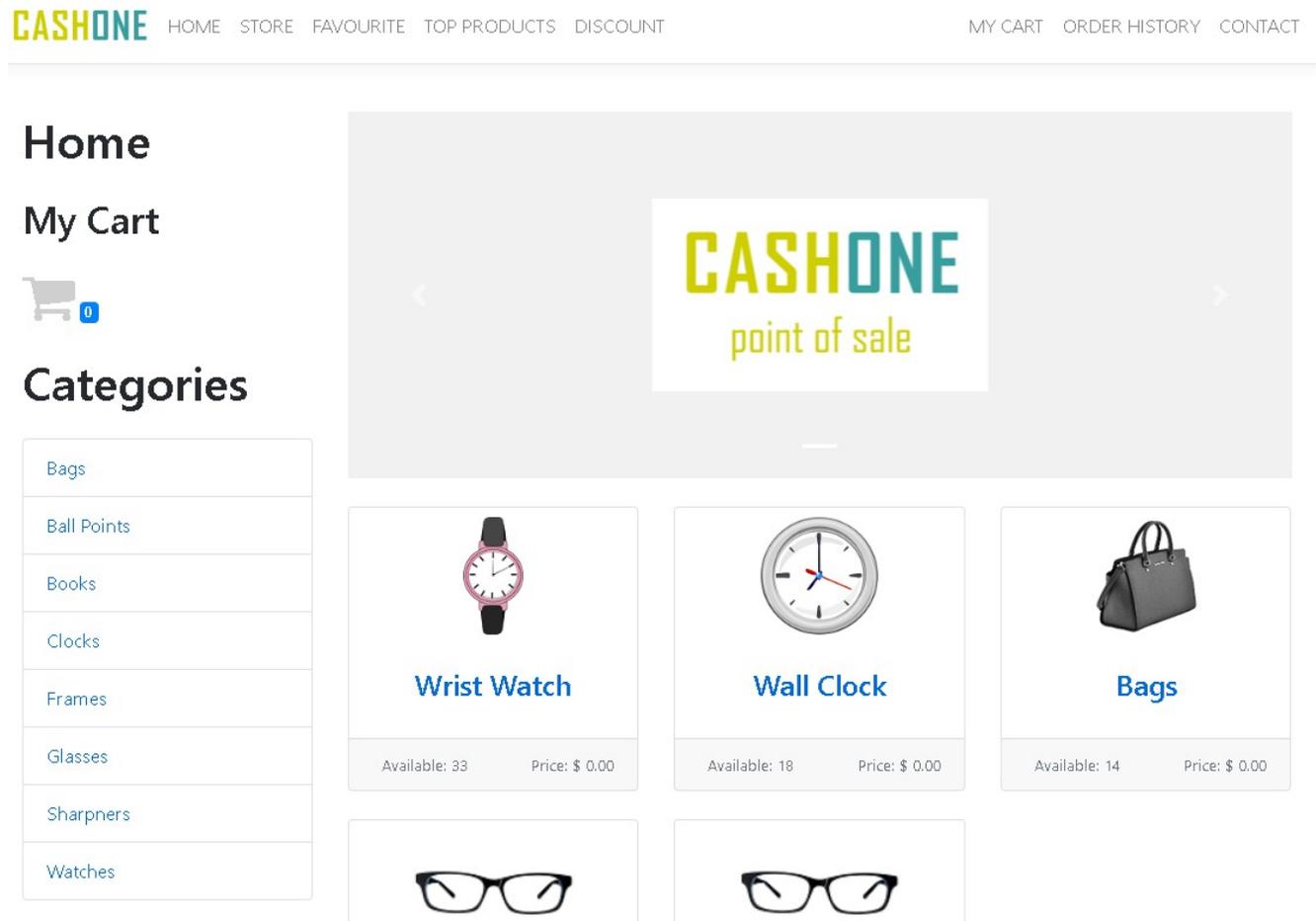


Figure 57

A working copy of CASHONE CART is included in CASHONE POS application software package.

15. Summary Report

Open summary report search form by accessing Application → Summary Report menu item as displayed in figure 58. Select start and end time on Search Form and press OK button,

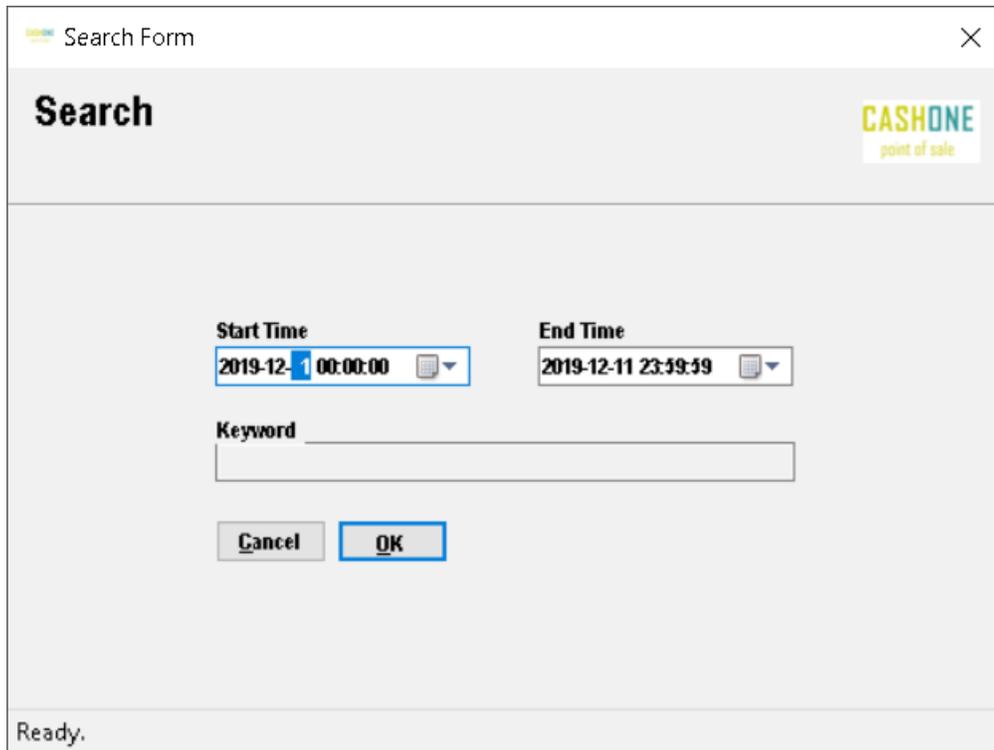


Figure 58

Summary Report will be generated as displayed (Figure 59).

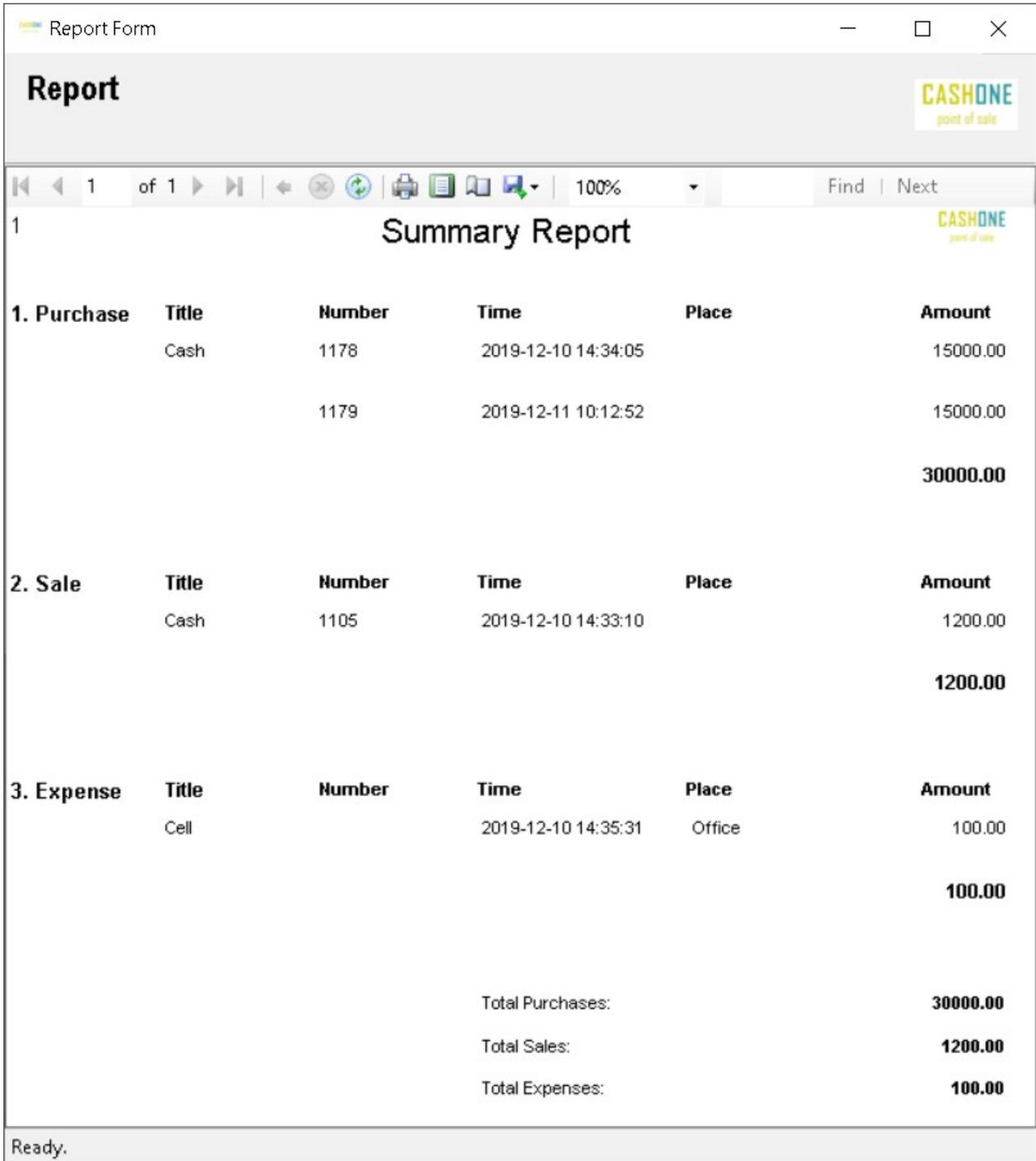


Figure 59

16. CASHONE POS and Windows Security

CASHONE CART server and client when enabled with security; uses windows integrated security for user authentication.

Start CASHONE server in security mode using one of the following ways:

1. Run "start-security-enabled.bat" file from program menu. Or
2. Configure security flag in POSConsole.exe.config configuration file and run server application.

Start CASHONE client in security mode using one of the following ways:

1. Run CASHONE Client and check security "check box" in preferences (settings) tab.
2. Configure security flag in POSApplication.exe.config configuration file and run client.

In order to communicate together, both server and client should be configured either with security or no security mode.

By default security is disabled in both CASHONE server and client.

17. CASHONE Client and Server Authorization

CASHONE client and server authorization is not windows security, however, is equally beneficial in security and no security mode communications. It provides client application authorization using form based authentication consisting of username and its domain. CASHONE server administrator can list, authorize and unauthorize users based on their provided credentials.

By default CASHONE server does not restrict clients, however maintains their records in database.

```
<!--(Effective with openr command) Default maximum allowed registration time limit for CASHONE clients in minutes-->
<add key="RegistrationTimeLimit" value="10"/>
<!--Default CASHONE client (new registration) auto-blocking timeout in minutes, approximately one shift-->
<add key="BlockClientTimeout" value="-1"/>
<!--Set true to block all new registrations. Administrator must approve new registrations.-->
<add key="BlockAllNewRegistrations" value="false"/>
```

Figure 60

In order to block all unauthorized clients; administrator must configure server "POSConsole.exe.config" configuration file with "BlockAllNewRegistrations" flag set to true and authorize clients with "authorize client_id" console command. For more information read CASHONE server authorization commands section.

17.1 Authentication

After starting CASHONE client, open Application → Authenticate menu item from application menu as displayed in figure 61.

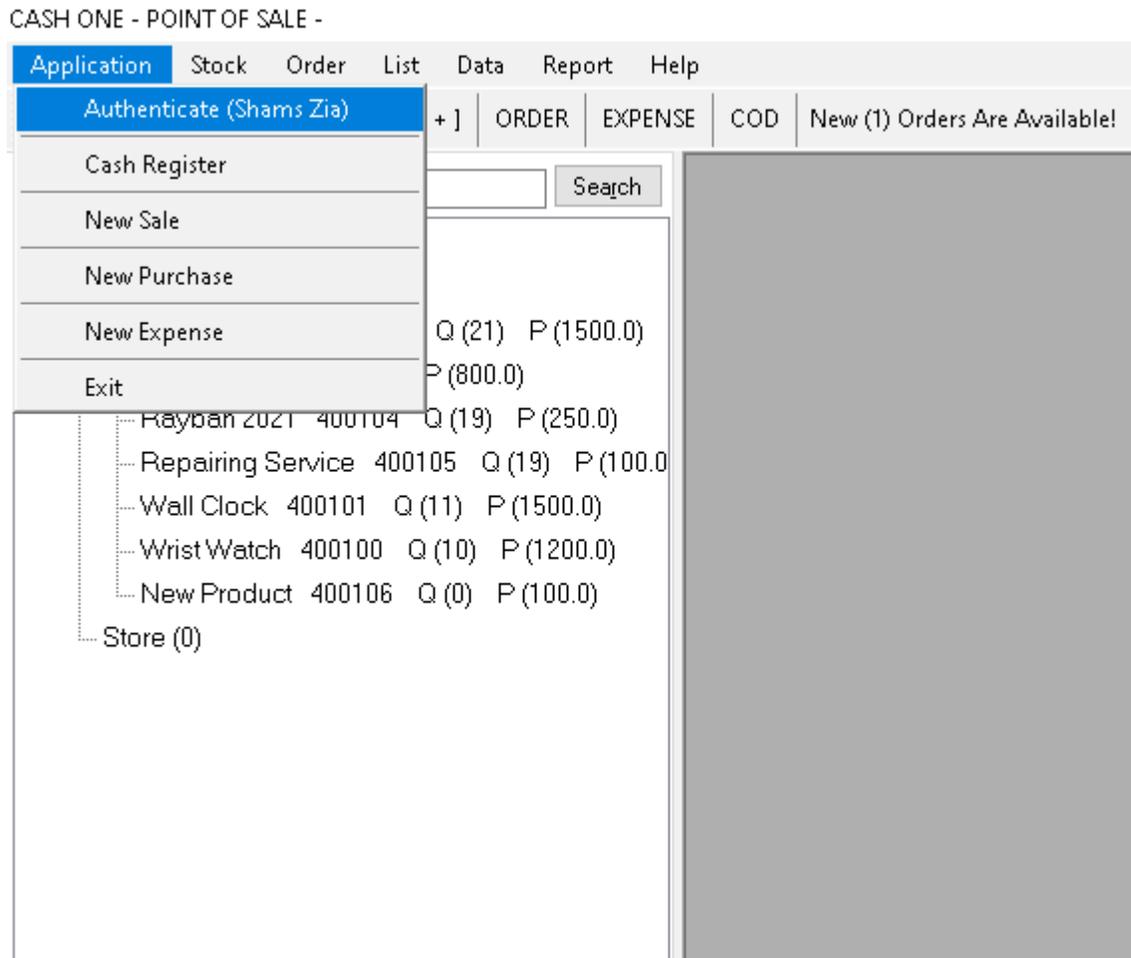


Figure 61

Authentication action will communicate your logged in username and domain information with server; and your access to client application will be authorized or unauthorized.

A client's application authorization status will be reported in following dialog boxes:

Authorized:

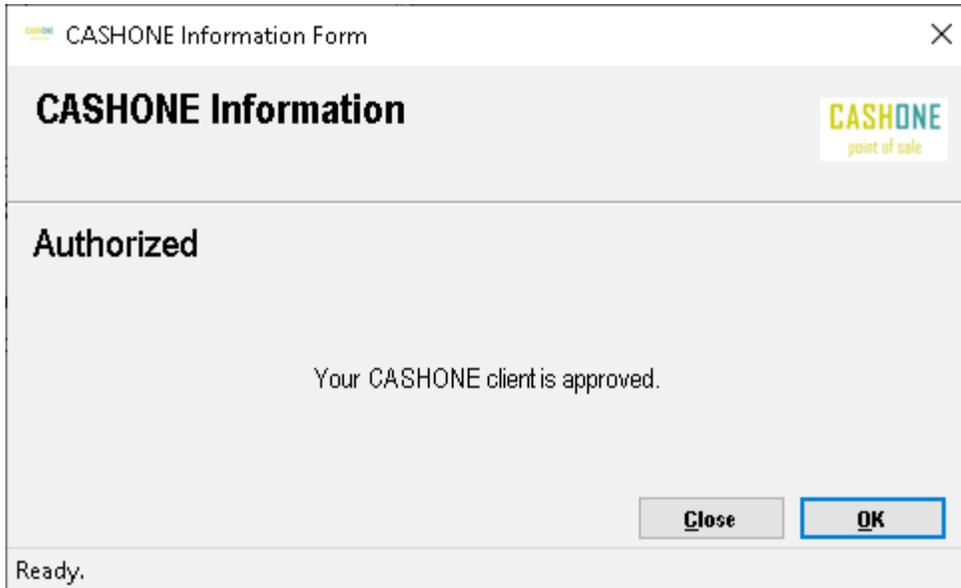


Figure 62

Unauthorized:

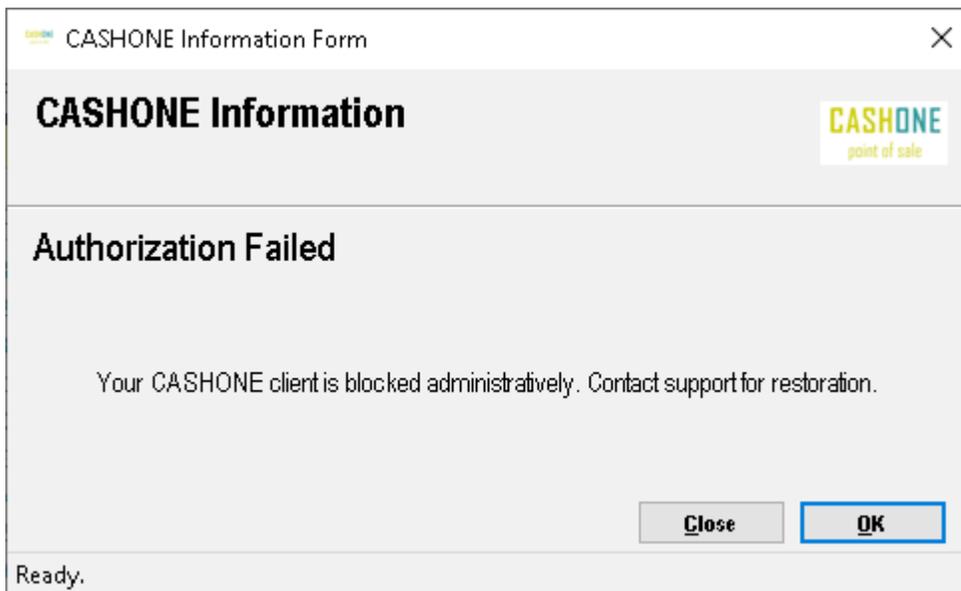


Figure 63

Not Approved:

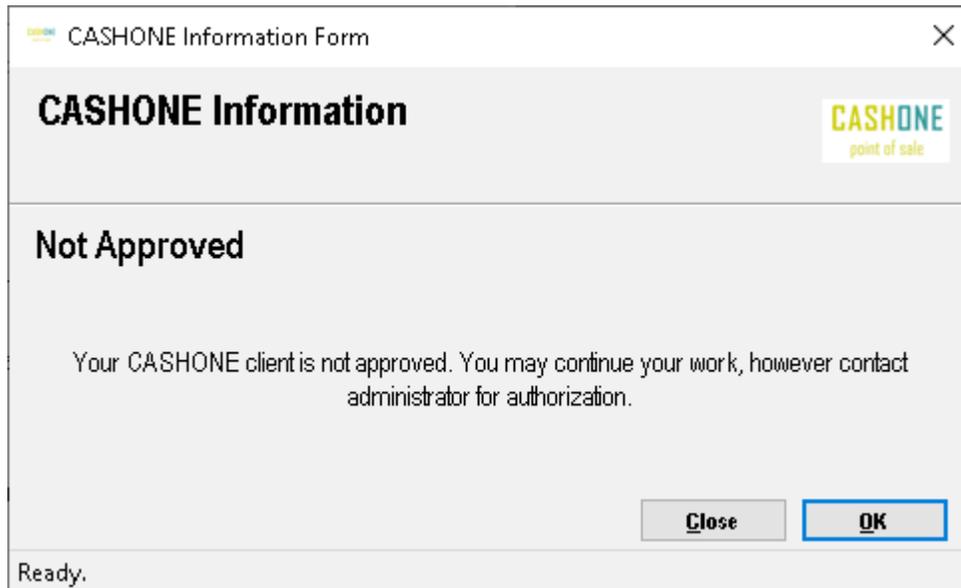


Figure 64

17.2 CASHONE & Data Security

Cashone server support user data security using SQL Server credentials without sharing password. CASHONE POS clients present their identities that are mapped administratively configured MSSQL server username and password and are profiled accordingly. Clients are not required to set their username and or passwords.

CASHONE POS is administrator centered application with excellent security and no worry about setting up accounts and remembering passwords. Its users enjoy data security with TLS and or without TLS support.

Configure data security on server side by uncommenting "DataSecurity" connection string, and then use "Password" command on CASHONE Server to define a password for a client using client_id. Same credentials (SQL Server login) should exist in SQL Server.

Type "help" command on server console to see a list of supported commands. Password may be reset using "nopassword" console command.

Users of CASHONE POS application take control of their data rights with SQL server administration without exposing passwords on network. User authentication may be controlled at CASHONE POS server or SQL Server or both, in addition with data security configuration at MSSQL Server.

17.3 CASHONE Features Security

CASHONE client application features may be controlled by using "FEATURE client_id" or "FEATUREROLE client_id role_string" commands. For example,

"FEATURE 1000" will reset all application features for a user with client_id 1000.
 "FEATURE 1000 New_Sale,New_Purchase" will set "New Sale" and "New Purchase" application features.

```

C:\Program Files\Invincible Technologies\CASH ONE Server\POSConsole.exe
20220218 21:31:14 AUTHENTICATIONSERVICE PUBLISHING OK
STARTING INDIGO SERVICES - OK
CASHONE POS SERVER IS UP

CASHONE>list

-----
CASHONE CLIENTS LIST (ALL)
-----
ID      USER
1000 Y  Shams Zia      172.22.128.1,192.168.42.11,127.0.0.1  00155D8E3827,22E
57ABF0029,      Y: 213618153620
1001 N F      shams  172.29.64.1,192.168.42.215,127.0.0.1  00155D216AE6,021
7A91DA005,      N: 221606161658
-----
TOTAL= 2

CASHONE>FEATURE 1000 New_Sale,New_Purchase
-
-----
CASHONE CLIENT (FEATURE)
-----
FEATURE SET OK

CASHONE>
  
```

Figure 65

"FEATUREROLE 1000 SALE" will set already configured sale features.
 "FEATUREROLE 1000 SALER" will set already configured sale features.
 "FEATUREROLE 1000 PURCHASE" will set already configured purchase features.
 "FEATUREROLE 1000 SALE_PURCHASE" will set already configured purchase and sale features.

Additional features may be set in configuration file as per requirements.

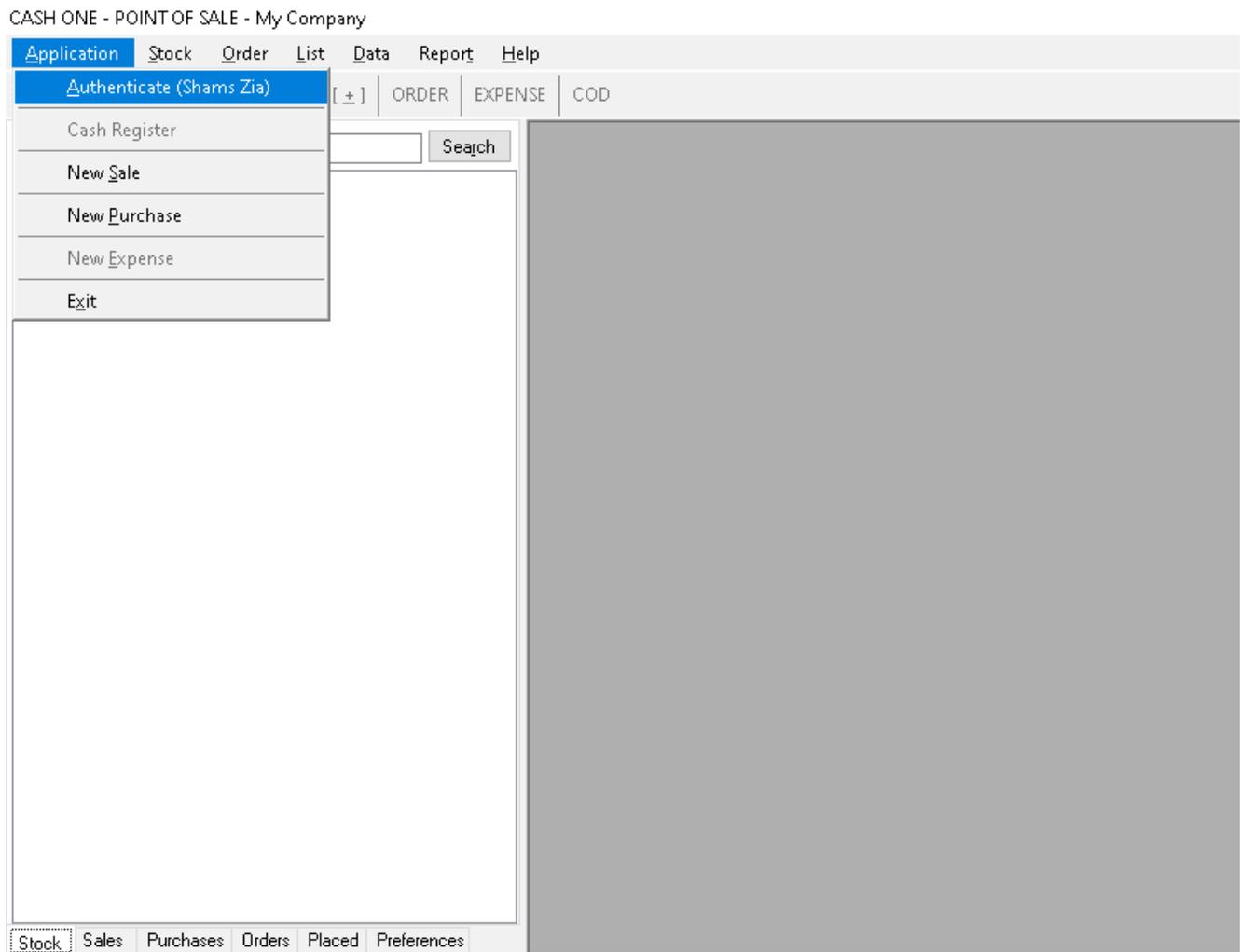


Figure 66

17.4 CASHONE Server Authorization Commands

CASHONE server authorization commands enable administrator with clients restriction and authorization. Type "help" command in CASHONE server console, following commands will be displayed:

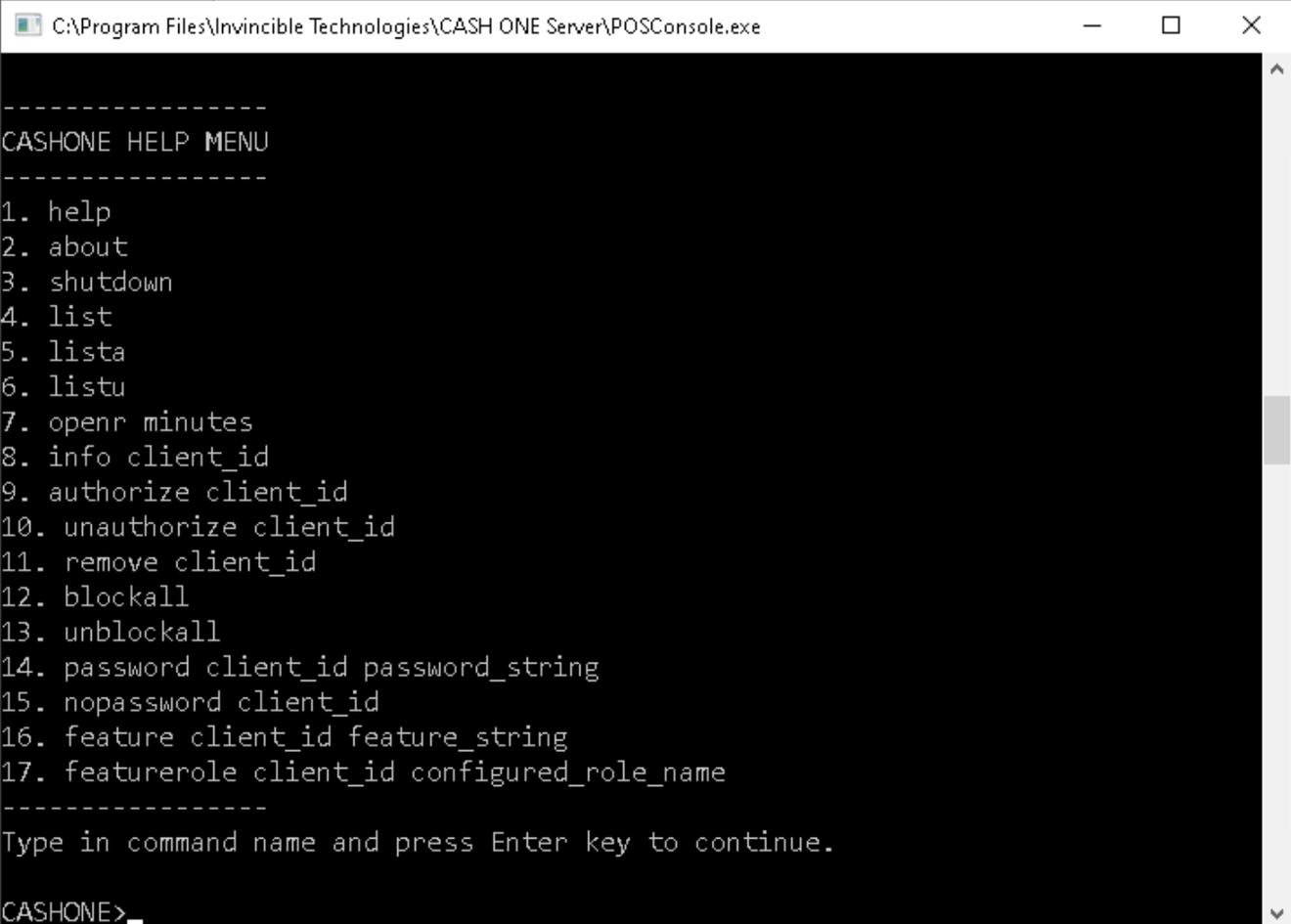
A screenshot of a Windows command prompt window titled "C:\Program Files\Invincible Technologies\CASH ONE Server\POSConsole.exe". The window has a black background with white text. The text displays a "CASHONE HELP MENU" with a list of 17 numbered commands. The commands are: 1. help, 2. about, 3. shutdown, 4. list, 5. lista, 6. listu, 7. openr minutes, 8. info client_id, 9. authorize client_id, 10. unauthorize client_id, 11. remove client_id, 12. blockall, 13. unblockall, 14. password client_id password_string, 15. nopassword client_id, 16. feature client_id feature_string, and 17. featurerole client_id configured_role_name. Below the list, it says "Type in command name and press Enter key to continue." and at the bottom, "CASHONE>" with a cursor.

Figure 67

17.5 list command

"list" command display list of all authorized or unauthorized clients with their network and registration details.

```
CASHONE>list
-----
CASHONE CLIENTS LIST (ALL)
-----
ID      USER
1000 Y  User A      Y: 210007050000
1001 NB User B      N: 210007050000
1002 Y  User C      Y: 210007050000
1003 Y  User D      Y: 210007050000
1004 Y  User E      Y: 210007050000
1005 Y  User F      Y: 210007050000
1006 Y  User G      Y: 210007050000
1007 Y  User H      Y: 210007050000
1008 Y  User I      Y: 210007050000
1010 NB User K      N: 214308184310
1011 Y  User L      Y: 210007050000
1012 Y  User M      Y: 210007050000
1013 Y  User N      Y: 210007050000
1014 Y  User O      Y: 210007050000
1015 NB User P      N: 210007050000
1016 Y  User Q      Y: 210007050000
1017 Y  User R      Y: 210007050000
1018 Y  User S      Y: 210007050000
```

Figure 68

17.6 lista and listu

"lista" and "listu" command displays list of all authorized and unauthorized clients.

```
CASHONE>lista
-----
CASHONE CLIENTS LIST (AUTHORIZED)
-----
ID      USER
1000 Y  User A           Y: 210007050000
1002 Y  User C           Y: 210007050000
1003 Y  User D           Y: 210007050000
1004 Y  User E           Y: 210007050000
1005 Y  User F           Y: 210007050000
1006 Y  User G           Y: 210007050000
1007 Y  User H           Y: 210007050000
1008 Y  User I           Y: 210007050000
1011 Y  User L           Y: 210007050000
1012 Y  User M           Y: 210007050000
1013 Y  User N           Y: 210007050000
1014 Y  User O           Y: 210007050000
1016 Y  User Q           Y: 210007050000
1017 Y  User R           Y: 210007050000
1018 Y  User S           Y: 210007050000
1023 Y  User X           Y: 210007050000
1024 Y  User Y           Y: 210007050000
1025 Y  User Z           Y: 210007050000
1093 Y  Shams Zia       127.0.0.1,172.27.80.1 ,00155DCEA8F0 Y: 212514172525
```

Figure 69

```
CASHONE>listu
-----
CASHONE CLIENTS LIST (UNAUTHORIZED)
-----
ID      USER
1001 NB User B           N: 210007050000
1010 NB User K           N: 214308184310
1015 NB User P           N: 210007050000
1020 NB User U           N: 210007050000
-----
TOTAL= 4
```

Figure 70

17.7 openr minutes

“openr minutes” command allow clients authentication registration for a specified time span in minutes and may or may not be required according to administrator client approval practice.

```
CASHONE>openr 1

-----
CLIENTS REGISTRATION OPENED:
-----
TIME: 2021-08-14 12:25:20, VALIDITY: 1 MINUTES
Wait...

CASHONE>

-----
CASHONE CLIENTS LIST (NEW)
-----
ID      USER
1093 Y  Shams Zia      127.0.0.1,172.27.80.1  ,00155DCEA8F0  Y: 212514172525
-----
TOTAL= 1
```

Figure 71

17.8 info client_id

“info client_id” command display client registration and authorization details shown in following figure:

```
CASHONE>info 1093

-----
CASHONE CLIENT (INFORMATION)
-----
ID: 1093 Y      USER: Shams Zia  COMP: officelt  IP: 127.0.0.1,172.27.80.1
      MAC: ,00155DCEA8F0      REQUEST: 214514174508  APPROVAL: 214514174508
      APPROVED      READY
```

Figure 72

17.9 authorize client_id

“authorize client_id” command authorizes a client.

```
CASHONE>authorize 1093

-----
CASHONE CLIENT (AUTHORIZED)
-----
ID: 1093 Y      USER: Shams Zia COMP: officelt IP: 127.0.0.1,172.27.80.1
      MAC: ,00155DCEA8F0  REQUEST: 215014175053  APPROVAL: 215014175053
      APPROVED          READY
```

Figure 73

17.10 unauthorize client_id

“unauthorize client_id” command blocks an authorized client.

```
CASHONE>unauthorize 1093

-----
CASHONE CLIENT (UNAUTHORIZED)
-----
ID: 1093 NB     USER: Shams Zia COMP: officelt IP: 127.0.0.1,172.27.80.1
      MAC: ,00155DCEA8F0  REQUEST: 215114175150  APPROVAL: 215114175150
      NOT APPROVED      BLOCKED
```

Figure 74

17.11 remove client_id

“remove client_id” command removes a client from list.

```
CASHONE>remove 1093

-----
CASHONE CLIENT (REMOVED)
-----
ID: 1093 NB     USER: Shams Zia COMP: officelt IP: 127.0.0.1,172.27.80.1
      MAC: ,00155DCEA8F0  REQUEST: 215114175150  APPROVAL: 215114175150
      NOT APPROVED      BLOCKED
```

Figure 75

17.12 blockall

“blockall” command block all clients.

17.13 unblockall

“unblockall” command unblock all clients.

17.14 password client_id password_string

“password” command sets client password for SQL server login authentication and data security configuration.

17.15 nopassword client_id

“nopassword” command removes client password.

17.16 feature client_id feature_string

“feature” command enables or disables application features for a client. Use application menu and toolbar items name as feature. For example “New Sale” can be turned on or off using following command “feature 1000 New_Sale”, add multiple feature items separated by comma. “feature 1000 New_Sale,New_Purchase,New_Expense”.

17.17 featurerole client_id rolename_string

“featurerole” command enables or disables application features for a client using pre-defined roles (based on application features). For example “featurerole 1000 SALE” will activate sale related features.

18. CASHONE 0.0.34/35

Following sections explains CASHONE 0.0.34/35 features.

18.1. FBR Integration

CASHONE Server and Client can be configured with FBR invoicing system using simple steps.

1. Install "FBR Fiscalization Service" where "CASHONE Server" application is running (or installed).
2. Configure CASHONE Server "POSConsole.exe.config" file and set "FBRPOSID", as displayed in figure 76. "POSID" is obtained after FBR POS application registration. Visit <https://fbr.gov.pk/> website for technical help.

```
<!--Update 2023-02-22-->
<add key="FBRPOSID" value="801908"/>
<!--Update End-->
```

Figure 76

3. In normal windows security mode, "POSConsole.exe.config" is not directly editable, modify file externaly and replace in CASHONE Server installation folder.
4. Turn "FBR" checkbox on in CASHONE Client application settings tab.
5. Permanently configure "FBR" option in CASHONE Client "POSApplication.exe.config" in client installation folder. Modify file and set "FBRActive" to true as displayed in Figure 77.
6. Restart Fiscalization Service, CASHONE Server and CASHONE Client.

```
<!--Update 2023-02-22-->
<add key="FBRActive" value="false"/>
<add key="FBRIntegrationCode" value="FBR"/>
<add key="FBRTaxNumber" value="0000000-0"/>
<add key="FBRPaymentMode" value="1"/>
<add key="FBRInvoiceType" value="1"/>
<add key="InvoicingSystemTitle" value=""/>
<!--Update End-->
```

Figure 77

18.2. Office Accounting Integration

CASHONE server integrates with Office Accounting application through subscription id. All office accounting service accounts may have multiple subscriptions each with unique numbers (also called subscription ids). CASHONE with Office Accounting bring, retail and accounting information system together. Office Accounting enable users with detailed financial information in the form of journal, ledger, trial balance, profit & loss statement and balance sheet. Office accounting is very rich in features and quickly explains transactions in both statistical and accounting reports. Assets, Liabilities, Expenses and Revenue are automatically adjusted with CASHONE realtime integration features.

You may form a CASHONE Server and Office Accounting subscription pairs to manage multiple branches (offices, retail stores), different combinations are possible. CASHONE Client, Server and Office Accounting Data Importer works together using subscription id and bring right information at right place. Retailers have retailers information where accountants have accounting information readily available.

Integrating CASHONE with Office Accounting data importer is very simple.

1. Configure "POSConsole.exe.config" subscription key in CASHONE Server with office accounting subscription id as displayed in following figure.

```
<appSettings>
  <add key="Subscription" value="CE8B7280-4CDA-4B63-B83F-664172966D7B"/>
  <add key="EnableSecurity" value="false"/>
```

Figure 78

In order to configure client for start exporting data to office accounting, either check "Office Accounting" checkbox to true or permanently set this option in "POSApplication.exe.config" file.

2. Configure "POSApplication.exe.config" and set "AutoExport" key to true for automatically exporting data in office accounting as displayed in figure 79.

```
<!--Update 2023-01-07-->
<add key="AutoExport" value="false"/>
<!--Update End-->
```

Figure 79

3. Restart CASHONE server to take changes effect.

18.3. Stock Expiry Alert

CASHONE 0.0.35 has stock expiry alert configuration that may be set permanently using "POSApplication.exe.config" configuration file or using settings tab in CASHONE Client.

```
<!--Update 2023-03-23-->
<add key="ExpiredStockAlert" value="true"/>
<!--Update End-->
```

Figure 80

18.4. Thermal Printer Receipts

CASHONE Client can be configured with 3.2 and 2.2 inch thermal printers. You may choose between 4 different types of reports. Double click gray text boxes to change values.

1. You may set 3.2 inch printer report with no additional header and footer length.
2. You may set 3.2 inch printer report with additional header and footer length.
3. You may set 2.2 inch printer report with no additional header and footer length.
4. You may set 2.2 inch printer report with additional header and footer length.

Thermal Printer

2.2 inch 3.2 inch

Width:	314	Char:	14
Header:	120	Title:	25
Line:	28	Footer:	220

Figure 81

You may permanently set printing parameters as mentioned below:

```
<!-- 314, 120, 25, 25, 110 Normal -->
<!-- 314, 120, 25, 25, 220 Extended -->
<!-- 200, 130, 25, 25, 160 Normal -->
<!-- 200, 130, 25, 25, 270 Extended -->
<add key="Paper.Width" value="314"/>
<add key="Paper.HeaderHeight" value="120"/>
<add key="Paper.TitleHeight" value="25"/>
<add key="Paper.LineHeight" value="28"/>
<add key="Paper.FooterHeight" value="220"/>
```

Figure 82

18.5. FBR Statistics

After each FBR invoice, FBR statistics are immediately available in "FBR" tab.

CASH ONE - POINT OF SALE - My Company

Application	Stock	Order	List	Data	Report	Hel
CASH [Z]	SALE [-]	PURCHASE [+]	ORDER	EXPEN		



Invoice No:

Total Bill Amount:

Total Quantity:

Total Tax:

Discount:

Customer Phone:

Customer Name:

Stock	Sales	Purchases	Orders	FBR	Receipt	Settings
-------	-------	-----------	--------	-----	---------	----------

Figure 83

Customer phone and name is displayed instead of "Cash" based on user input.

18.6. Tab Receipt

All new sale and purchase receipts are generated in "Receipt" application tab. Loading existing sales or purchase record display report in new window with recent report in "Receipt" tab.

CASH ONE - POINT OF SALE - My Company

Application Stock Order List Data Report He

CASH [Z] | SALE [-] | PURCHASE [+] | ORDER | EXPEN

1 of 1

Sales Receipt 4/10/2023 3:56:50 PM CASHONE point of sale

My Company

1047

Cash Cash

Product	Quant.	Price	Total+ST
Local Electric	1	11,500	13,455
Twin Tub Washi	1	16,000	18,720
Unique 333 4C	1	6,000	7,020
Magnum 555 Ser	1	8,000	9,360

Total(4)= 48,555.0

Discount= 0.0

Actual= **48,555.0**

Terms & Conditions Apply Credit= 0.0

Payment= **48,555.0**

Tax= **7055.0**

Thank You

Invoicing System

Happy Shopping

All products returning policy is 7 days.

Reset Print

Stock Sales Purchases Orders FBR Receipt Settings

Figure 84

"**InvoicingSystemTitle**" can be modified in "POSApplication.exe.config" configuration file.

19. About CASH ONE

Click Help → About Us menu item to display about us form shown in figure 85.

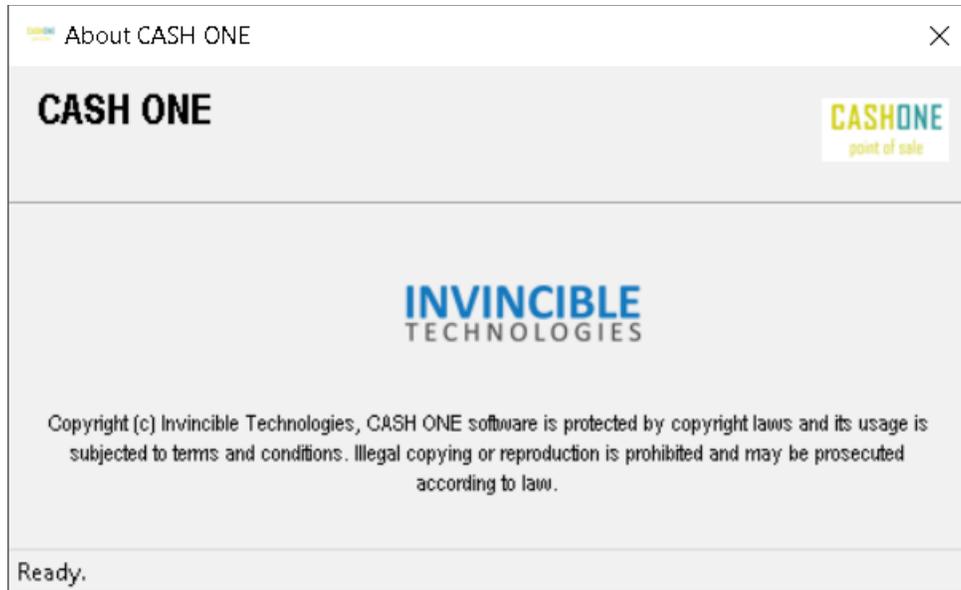


Figure 85