

BARRINGTON SOFTWARE INCORPORATED

POS Store & Forward

POS Store & Forward

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Barrington Software Incorporated
Phone 888.394.0047 • Fax 603.947.8869



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What is POS Store & Forward?

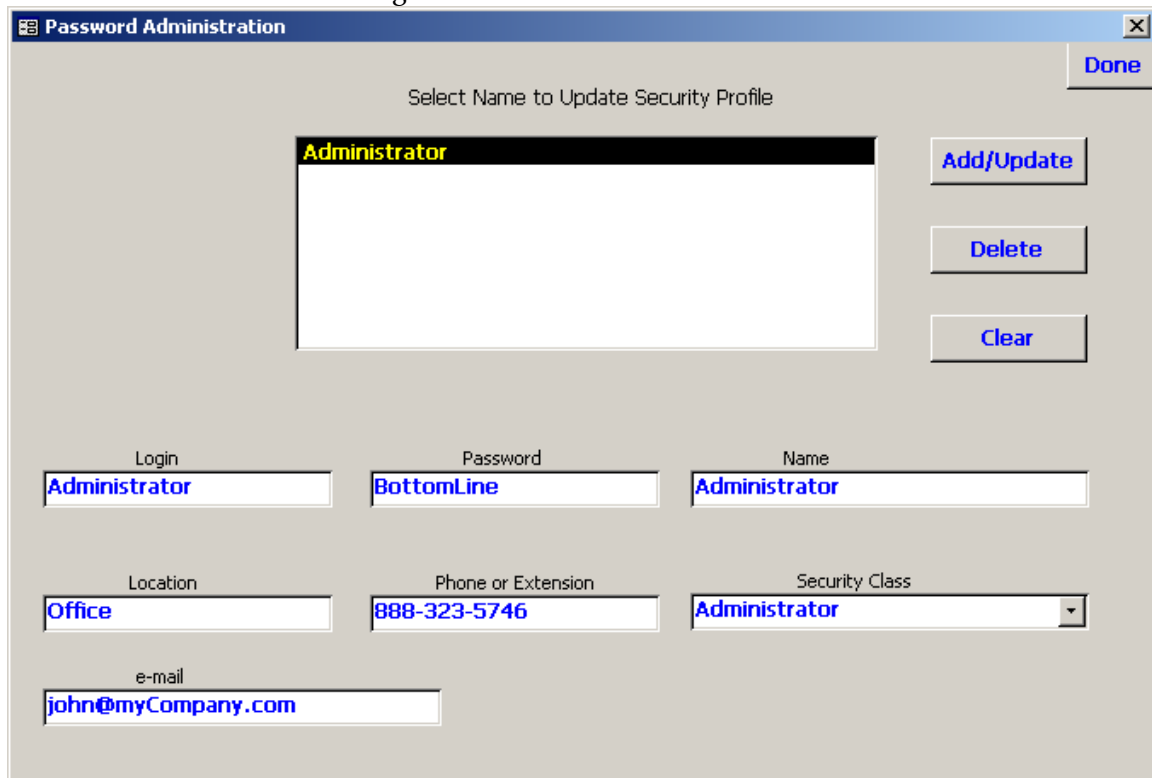
POS Store & Forward is software that captures Point of Sale (POS) information and stores that information for a specified period of time. Capture can occur for information that is located on the same computer, available on a Local Area Net (LAN), located on an FTP server, or located on an email server. During that time, POS Store & Forward can:

- ✚ Archive sales detail and provide graphical reporting of item quantities sold at different price levels over selected time periods, by store, region, month, department, sub-department, week, quarter, year, and day of week.
- ✚ Email 128 bit encrypted information at the time of capture. Send Sales Detail to your accountant or to home office without operator intervention.
- ✚ POS information received by email is automatically captured, unencrypted, and made available for reporting.
- ✚ Email non-sensitive reports to any number of computers with no operator intervention.
- ✚ FTP (File Transfer Protocol) the information at the time of capture. Forward information to home office without operator intervention.
- ✚ Display and print POS terminal reporting at the PC.
- ✚ Only text files can be captured, but any file can be retrieved from the local computer or an FTP server and forwarded through e-mail or FTP.
- ✚ Translate the information into a common format, comma separated value (CSV) if it is in a proprietary format (for specified terminals).
- ✚ Export or forward the information to a .txt file in its original format or to a .csv file in its translated format. The .csv file can be imported by applications that can receive CSV files, such as CookenPro Commercial, BSI Inventory Control, Microsoft Access, and a number of other applications.
- ✚ Capture sell item, department, sub department information from your sales detail
- ✚ Maintain sell item information including cost, department, and sub department information on a per store basis for up to 100 stores

✚ Exports sell item, department, sub department information on a per store basis in Excel format or in Datasym 13 file, 14 file, and 15 file formats.

Password Administration

An administrator can assign passwords to employees who will be allowed to access POS Store & Forward. There are two levels of security: Administrators and Users. Only Administrators are allowed to go to the Password Administration form.



The screenshot shows a window titled "Password Administration" with a "Done" button in the top right corner. The main area contains a list box with the heading "Select Name to Update Security Profile" and one entry, "Administrator", which is highlighted. To the right of the list box are three buttons: "Add/Update", "Delete", and "Clear". Below the list box are several form fields for editing the selected user's information:

Login	Password	Name
Administrator	BottomLine	Administrator
Location	Phone or Extension	Security Class
Office	888-323-5746	Administrator
e-mail	john@myCompany.com	

Illustration 1 Password Administration

How to Use POS Store & Forward

Go to Start->Programs->Barrington Software Incorporated->POS Store & Forward to open the program. A Switchboard will appear with a selection of functions. These functions can also be accessed from the Menu Bar at the top of the page.

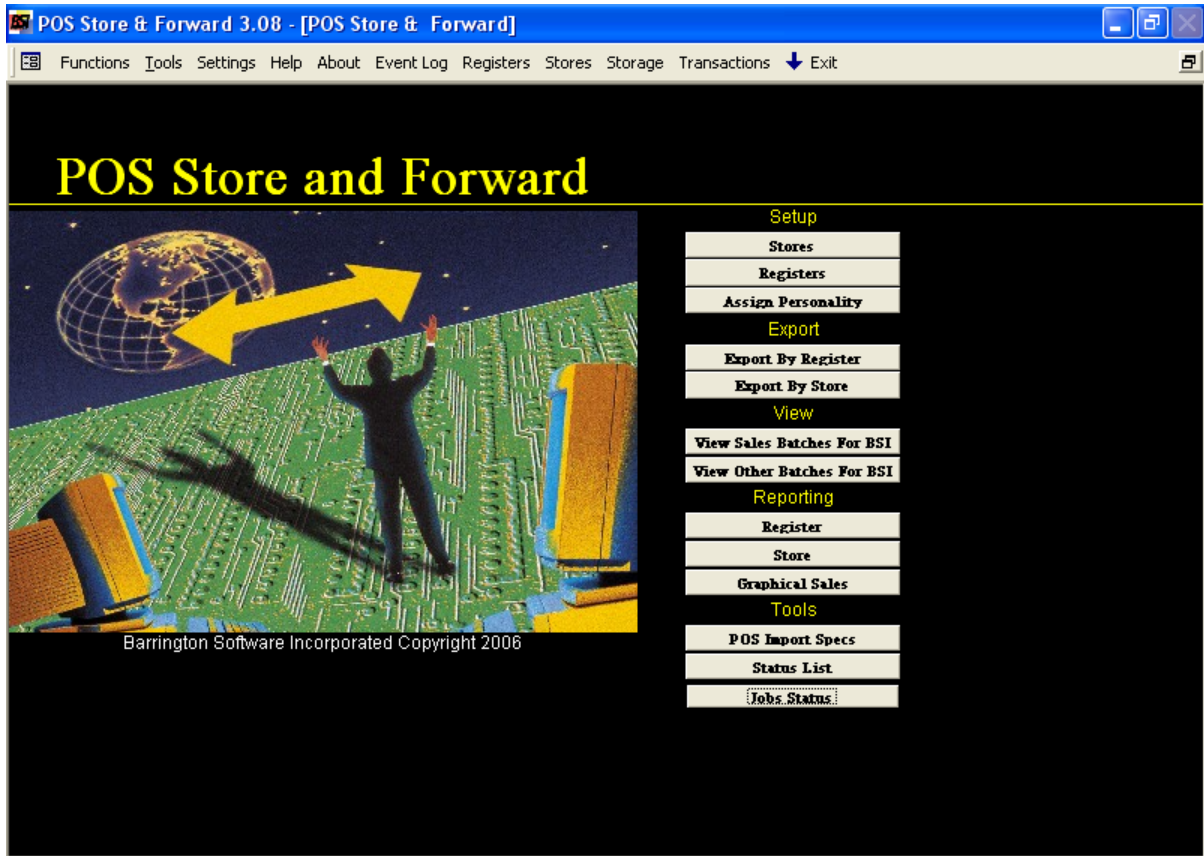


Illustration 2 POS Store & Forward Switchboard

Enter Your Store or Stores

Click Stores and 'Find a Store' will open where you can view or delete a selected store or add a new store. If you delete a store, any registers assigned to that store must first be deleted.

Select 'Add New Store' and enter information about your store. You must enter a StoreID and a Store Name but other information is optional. The StoreID can be any combination of letters and numbers. If you are creating stores for capture of information from a DailyZ (Datasyd Comm2000), the storeID must match the store ids setup in Comm2000. Although the storeId field accepts alphabetic and numeric characters, the requirement for

the DailyZ is that the storeIDs must match numerically in value.

Storeid	
store1	
Store Name	
My Store	
Address 1	
100 Main Street	
address 2	
City	
My Town	
state	
IL	
zip	Phone
00000	000-000-0000
e-mail	
jdoe@mystore.com	
contact Name	

Record: 1 of 1 (Filtered)

Illustration 3 Enter Store Information

Enter Your Register or Registers

Click Register and 'Find a Register' will open where you can view or delete a selected register or add a new register. Select 'Add New Register' to enter information about your Register. You must select a store from the drop-down list and add a Register Name and ID. The ID must be unique and it can be any combination of letters and numbers or it can be a repeat of the register name, assuming the register names are unique. If you are creating registers for capture of information from a DailyZ (Datsym Comm2000), the Register ID must match the Register IDs setup in Comm2000. Although the Register ID field accepts alphabetic and numeric characters, the requirement for the DailyZ is that the Register IDs must match numerically in value. As described below the remaining register information can be entered in two ways: information for each file can be entered **by hand** or a **personality can be assigned** to each register.

Enter File Information by Hand

The program allows for getting and storing 20 different files. The page tabs at the top allow the user to access each page with 2 file settings available on each of the 10 pages. The very first setting on page 1 is Sales Detail that can be captured, parsed, and viewed as Sales Batches, which can be used by other Barrington Software Programs, third party programs, or QuickBooks. The files can be captured using an FTP (File Transfer Protocol) specification or by browsing to the file location and selecting a file/folder path where the file is. FTP and capturing file/folder path are mutually exclusive. File type specification is selected from the drop downs. Specific manufacturers File Type or Specifications are available from the drop downs or you can select a specification that you have created for a particular file. What is important here is that this very first setting is reserved specifically for Sales Detail, which is specifically managed as sales information.

The second setting on the Page 1 and all other settings are for Sales and Other information. There could be other Sales Information here such as periodic sales activity reporting, however any text data file here can be specified for capture and transport, and any type of file can be specified for transport only. See e-mail and FTP settings for information on the “Need Not Capture” or “Do Not Capture” options. The “No Translation” file type causes text files to be captured line for line with no manipulation.

If you want information captured at a specific time other than the ‘Global Capture Time’, which is entered through Settings-> Capture and Maintenance Settings, enter the time using the following format: 08:30AM for 8:30 in the morning. Follow the same steps for the other files.

The screenshot shows the 'Registers' application window with a tabbed interface (Page1 to Page10). The 'Page1' tab is active, displaying configuration for two registers. The top section is for 'Sales Detail' and the bottom section is for 'Sales and Other Information'. Both sections have a 'Store Name' field (MyTecStore), a 'Register Name' field (MyTecRegister), and an 'ID' field (01). The 'Sales Detail' section includes a 'File Type or Specification' dropdown (TEC - Sales Mix Detail), a 'Browse to File' button, a file path field (\\Skate\SharedDocs\POSTesting\SMIXDTL.TXT), a 'Scheduled Time For Capture' field, and 'FTP Spec', 'Email Spec' (SAMPLE), and 'Transform' dropdowns. The 'Sales and Other Information' section includes a 'File Type or Specification' dropdown (TEC Half Hour Reading), a 'Browse to File' button, a file path field (\\Skate\SharedDocs\POSTesting\READINGF.TXT), a 'Scheduled Time For Capture' field, and 'FTP Spec 1', 'Email Spec' (SAMPLE), 'Transform', and 'readings' dropdowns. There are also checkboxes for 'All Registers' and a 'Number Registers' field (0).

Settings

Fill in the Settings Forms in the order they appear in this manual.

1. Capture and Maintenance Settings

Go to Settings on the Menu Bar and select 'Capture and Maintenance Settings' to set up a global capture time, a global maintenance time, and a maintenance directory as well as information retention settings. Maintenance time should be later in the day than capture time or even the next day if capture time is normally in the evening. Maintenance performs automated backup, reclaims lost space and inspects for errors in the database, and cancels pending jobs where there is no information to capture. Should there be a need for capture time to be set for specific registers to be different than the time for all registers (global time), this can be done through register maintenance. There are some general guidelines for the length of time that information should be retained.

✚ Register information should be retained for 365 days. Register information is the raw information that is captured from each register and forms the basis of register reporting as well as export by register. The purpose of retention is to be able to answer any questions that might arise about information supplied by the registers as well as to provide information for some kinds of reporting. If you want to see this reporting remain on line, the retention period can be much longer. The trade off is that data capture can be somewhat slowed and the longer register information is retained the less room there is for archived sales information. This only applies to multi-store configurations.

✚ BSI Sales Information should be retained for at least a year and two years if possible to provide same store year over year sales information. This information is archived sales detail that provides graphical reporting on how sell items have performed over time at different pricing levels. The archive practically supports about 3 ½ million archived sales transactions. "Sales Transaction" means the quantity of an item (SKU) sold during a day with accompanying information. Fast food chains or restaurants would have a minimum of sell items to report on a daily basis, approximately 25 to 50 items for most, although there are always exceptions. Retailers are likely to have a much more extensive sell item list. Most modern POS terminals provide capability for a minimum of 10,000 SKUs. The number of items actually sold in a day is normally a fraction of total number of SKUs. Calculate retention time for BSI Sales information by multiplying (number of stores * average number of sell items reported on a daily basis * retention days). Example 75 stores * 50 reported sell items * 730 days (2 years) = 2,737,500. This is well under the 3-½ million-item limitation.

✚ BSI Other information primarily consists of periodic sales activity. The BSI Labor and Scheduling program uses this information for forecasting labor needs. This information need not be retained any longer than 30 days unless there is a

special need and the retention can be set for less than 30 days if there is not a special need.

✚ The Use Yesterday's Date setting should be checked if processing for a day's work is done after midnight of the next day. Since sales are tracked by the time and day that they are made available to BSI, this provides the system with the accurate day on which a sale occurred. Since sales are made available on an automated basis each day, the day a sale occurred and the day that is made available to BSI should always be the same.

✚ Use Processing Date should be used if it is desired to post sales to the date that a batch is processed rather than the date in the sales detail or header (Datasync).

✚ Delete file folder should be checked if it is desired to remove file from the folder location rather than an FTP location after the files have been captured.

✚ Use TEC header should be checked when the header option in the TEC 2700/3600/3700 terminals is turned on. The business day that comes from the register then will be used to post the information. The time will be the default capture time. The implication of this setting is that only one dailyZ can be performed for a store in a day without manually changing the settings. If this setting is checked the software is also compatible if the append setting is turned on at the register. Data are screen prior to posting to insure that they are not posting more than once in a database.

✚ Use Business day and business time settings provide posting day and time that information is stored and retrieved by. The date and time used are in the maintenance settings. These can be manually modified at any time, but during normal operation, business day is incremented when all information for a store has been captured. Use business day and time settings trump the use TEC header setting. This is useful when more than one DailyZ has been done in a day. The business time can be used as the posting ID for the second or more DailyZ batches in a day.

✚ The Percent Database Capacity Used gives an indication of the space used and remaining in the database. If your database is becoming too full, you can address this by retaining information for fewer days.

✚ Allow Replacement should be checked when you want to reapply an email message to the database. The information can be modified before it is reapplied but only after the message has arrived on the end user's computer and only after it has been unencrypted.

✚ Select a 'Report Format' to email captured data as reports. This option only works if 'Reports Only' is checked in the email settings. Available formats are

Text, Rich Text, and Excel. The default is Text. Business/Report and Time do not convert very well in the Excel format. Business date and time are reported in the body of the e-mail containing the reports.

✚ Number of Days Keep Backups is the number of days raw captured files remain on the computer before being deleted. 30 days is the default.

✚ Re-Send all BSI Batches examines every date for which data have been captured when checked to determine if it requires “sending the batch to BSI”. If this setting is unchecked, examination ceases when it finds the first batch that has already been sent. Typically, the setting should be unset and only checked when the sales information from a date in the past is not available to the reporting.

Capture and Maintenance Settings

Set Global Capture Time: 1:00:00 AM

Set Backup, Maintenance, Make Available to BSI Time: 2:00:00 AM

D:\Backup\pos

Browse to Backup Directory

Number of Days Keep Backups: []

Re-Send All BSI Batches:

Report Format (Report Only)

- Text (.txt)
- Rich Text (.rtf)
- Excel (.xls)

Last Maintenance: 10/14/2007 10:18:36 AM

Number of Days to Retain RegisterInformation: 720

Use Yesterday's Date:

Use Processing Date:

Use Tec Header:

Number of Days to Retain BSI Sales Information: 720

Delete Folder Files:

Use Business Date:

Use Business Time:

Number of Days to Retain BSI Other Information: 720

Allow Replacment:

Business Date: []

Business Time: []

Percent Database Capacity Used: 0.40%

Done!

Illustration 4 Capture and Maintenance Settings – Specify the number of days you would like to retain information.

2. FTP Settings

Go to Settings on the Menu Bar and select 'FTP Settings' if you are using FTP to capture files. You can create a template and use this template for multiple files. FTP (File Transfer Protocol) is a widely accepted means of transferring files between computers. Your IT Administrator will need to set this up or assist in setting up if you do not know the Internet Protocol (IP) addresses for the FTP servers, logins, or passwords. An FTP Template needs to be set up for each register. It should accurately reflect the requirements

for that register. The personality assignment function manages FTP settings for each kind of information captured from a register.

✚ FTP Specification Name: Give the specification any name up to 50 characters. Do not use single or double quotes or the dollar sign (\$) in the name.

✚ GetIPAddr/Computer Name: This is the address of the computer that has the files you intend to capture. Typically it looks like nnn.nnn.nnn.nnn, where the “n” is up to 3 numeric characters of the address.

✚ PutIPAddr/Computer Name: This is the address of the computer that will receive files. If this information is entered the captured file will be sent on to this address. . Typically it looks like nnn.nnn.nnn.nnn, where the “n” is up to 3 numeric characters of the address.

✚ Get Directory: Refers to folders that the program should go to under the FTP root directory to fetch files. The default setting here is “Default” (without the double quote marks). If this setting is used the register will attempt to get information from a directory that consists of the store name and the register name with a space in between. Example: The default for Store 1, Register 1 is ‘Store 1 Register 1’. This default setting is used when there are multiple stores all with information to be retrieved from the same FTP Server. The information for each store is expected to be in a folder by this name (combination store and register). It is the responsibility of the FTP server administrators to make required folders. If there is no get folder, the get directory setting should be empty. Any folder name with a blank must be entered in quotes i.e.; “My Get File” would be correct.

✚ Put Directory: Refers to folders that the program should go to under the FTP root directory to put a file. The default setting here is “Default” (without the double quote marks). If this setting is used the register will attempt to put information to a directory that consists of the store name and the register name with a space in between. Example: The default for Store 1, Register 1 is ‘Store 1 Register 1’. This default setting is used when there are multiple stores all with information to be sent to the same FTP Server. It is the responsibility of the FTP server administrators to make required folders. A folder would be required if the file names for any scheduled transfer on a server were identical. Any folder name with a blank must be entered in quotes i.e.; “My Get Files” would be correct.

✚ File Name: This should be filled in if you are setting up individual FTP Configurations but not when a terminal personality is assigned with use of an FTP template.

✚ Fast Internet shortens the time-out period and is for use when the computer you are using is on a LAN or you connect to the Internet with broadband.

- ✚ Debug is only used when extra diagnostic logging is required.
- ✚ Need Not Capture means you are only getting and sending the information on, not storing it.
- ✚ All Registers in Get File means that a single physical file stores the information for all registers and/or all classes of information. An example of this is a dailyZ file that has all information for each register in it. The system only 'Gets' the file once in this circumstance.
- ✚ All Registers in Put File means a single physical file stores the information for all registers and/or all classes of information. An example of this is a dailyZ file that has all information for each register in it. The system only 'Puts' the file once in this circumstance.
- ✚ The 'Template' button on the bottom of the form filters the FTP settings form so that only templates are viewed. These are the entries that do not have a "\$" in the name field.
- ✚ The 'Template Entries' button filters the view so that all template entries are viewed and these can be paged through
- ✚ The "All Entries" button removes all filters.

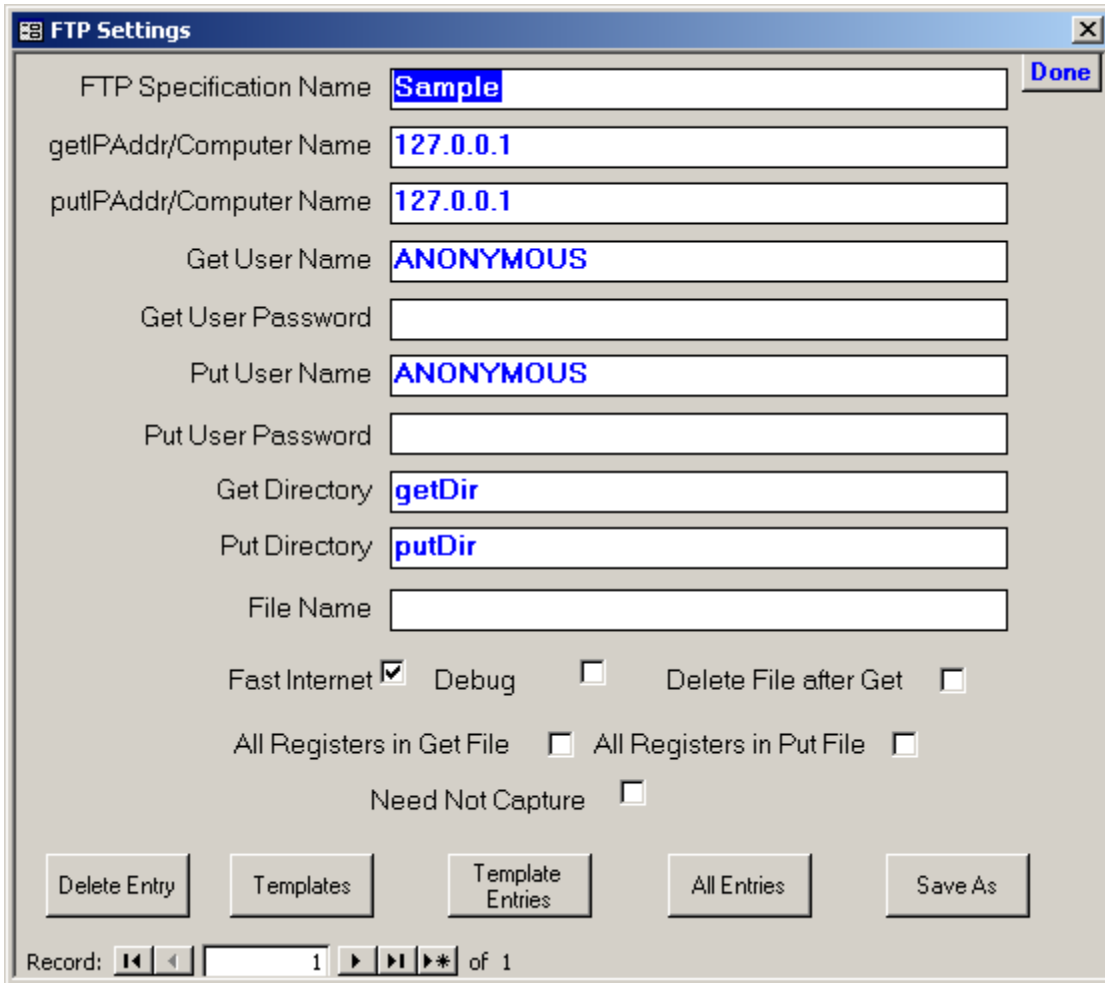


Illustration 5 FTP (File Transfer Protocol) Configuration

3. Email Settings

Go to Settings on the Menu Bar and select 'Email Settings' if you are using Email to send files or receive information. Any file with an assigned email specification will be sent when it is captured. Your IT Administrator will need to set this up or assist in setting up if you do not know your account name, server name, or password.

- ✚ Email Spec Name: Give the specification any name up to 50 characters. Do not use single or double quotes
- ✚ SMTP Server: Refers to a Simple Mail Transfer Protocol server to which you are sending e-mails for transfer or forwarding. This can be your corporate server, the server provided by your ISP, or one running on your own network or computer.
- ✚ POP Server: Refers to the Post Office Protocol that is used to receive your email.
- ✚ From Address: The Email address that serves as a reply to address for your e-mail
- ✚ To Address: The Email address to which files will be sent.
- ✚ cc1 and cc2: Additional Email addresses to which files will be sent. These can be left blank.
- ✚ Authentication: The default is '0', which means no authentication and this will be correct in most situations. The additional authentication modes are associated with the Extended Simple Mail Transfer Protocol (ESMTP) and are AUTH LOGIN if 1 is selected and CRAM-MD5 is 2 is selected. Contact the administrator of the SMTP server if required.
- ✚ Account: The email account name.
- ✚ Password: The email account password.
- ✚ Logging: The events will be logged in a format for advanced debugging in a file named SMTPlog.txt in the folder POS Store And Forward Data Files. This can be found on the installation drive.
- ✚ Do Not Capture: If checked the file will be sent but not captured and saved.
- ✚ Anti-virus software or a firewall can block e-mail communications. In either case create an exception for the getPOSData.exe program. This should be located in your POS Store & Forward installation directory, typically located in the c:\program files\Barrington Software Incorporated\POS Store And Forward folder.
- ✚ Enter the number of days you would like the email message to remain on the server.
- ✚ The Reports Only setting is used to cause all configured reports to be sent in Rich Text Format to specified e-mail addresses. This is an extremely easy way to distribute reporting to those who need to know. If this setting is checked, the reports are un-encrypted and no BSI software need be installed on the receiving computers. A printer must be installed and set as the default even if there is no printer because the software uses the printer driver.

Email Settings [X]

Email Spec Name: Done

SMTP Server:

POP Server:

From Address:

To Address:

CC:

Authentication:

Account:

Password:

Logging Do Not Capture Delete Email Spec

No Encryption Encryption Key:

Number of Days E-Mail On Server: Reports Only Exceptions

Record: of 5

Illustration 6 Above is an example of a spec designed to allow a user to send information through email.

Email Spec Name: CorporateSpec Done
 SMTP Server:
 POP Server: pop.MyChain.com
 From Address:
 To Address: accounting@MyChain.com
 cc:
 Authentication: 0
 Account: administrator@MyChain.com
 Password: *****
 Logging: Do Not Capture: Delete Email Spec
 No Encryption: Encryption Key:
 Number of Days E-Mail On Server: 1 Reports Only: Exceptions

Record: 4 of 4

Illustration 7 Above is an example of a spec designed to allow a user to receive POS information through an email message. One spec can be used to receive and to send.

Below is a picture of the Exceptions form, which is used to specify files that do not require capture on specified days. This allows the software to automatically send e-mails when it is known that they will not be present on specified days.

Enter File and Range of Days File Will Not Be Captured

Send E-mail Without Capture of These Files

File Names From To

payroll.txt Thursday Tuesday

Done

Illustration 8 Exceptions Form

E-mail Server Console

Email Specification Email Maint Get Email Data Number of Messages


TEC Messages on E-mail Server 10


From	Subject	Recvd	Date Sent
roma@barringtonsoftware.com	Report or data from MyStore4	Yes	8/1/2006 3:11:15 AM
roma@barringtonsoftware.com	Report or data from MyStore5	Yes	8/1/2006 3:10:02 AM
roma@barringtonsoftware.com	Report or data from MyStore3	Yes	8/1/2006 3:05:44 AM
roma@barringtonsoftware.com	Report or data from MyStore2	Yes	8/1/2006 3:04:01 AM
roma@barringtonsoftware.com	Report or data from MyStore1	Yes	8/1/2006 3:02:18 AM
roma@barringtonsoftware.com	Report or data from MyStore5	Yes	7/31/2006 7:31:58 PI
roma@barringtonsoftware.com	Report or data from MyStore4	Yes	7/31/2006 7:30:15 PI
roma@barringtonsoftware.com	Report or data from MyStore3	Yes	7/31/2006 7:27:22 PI
roma@barringtonsoftware.com	Report or data from MyStore2	Yes	7/31/2006 7:25:40 PI
roma@barringtonsoftware.com	Report or data from MyStore1	Yes	7/31/2006 7:23:57 PI


Illustration 9 The Email Server Console displays email messages containing 128 bit encrypted POS information. This information will automatically be made available for reporting after it is received and unencrypted.

4. Information Setup

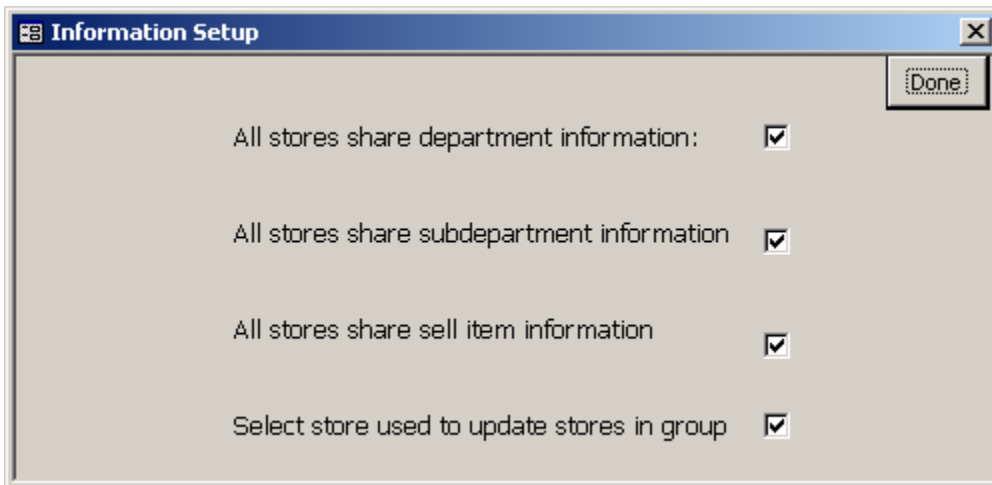
Users can determine how information can be maintained.

 **All Stores Share Department Information** - If checked, all stores have the same department name and number.

 **All Stores Share Sub-Department Information** - If checked, all stores have the same Sub-Department name and number.

 **All Stores Share Sell Item Information** - If checked, all stores have the same name, sku, price etc. for every item.

 **Select Stores Used to Update Every Store in Group** - If checked, the store selected will update other stores in the group.



Setting	Checked
All stores share department information:	<input checked="" type="checkbox"/>
All stores share subdepartment information	<input checked="" type="checkbox"/>
All stores share sell item information	<input checked="" type="checkbox"/>
Select store used to update stores in group	<input checked="" type="checkbox"/>

Illustration 10 Information Settings

5. Information Maintenance

The form below, Select Store Used to Update All Others In Group, will be the first screen you see when you do information maintenance for any of the three categories: Departments, Sub-departments, or Sell Items, **if the corresponding category is checked in the Information Setup form and if the last box is checked, “Select store used to update stores in group.”**

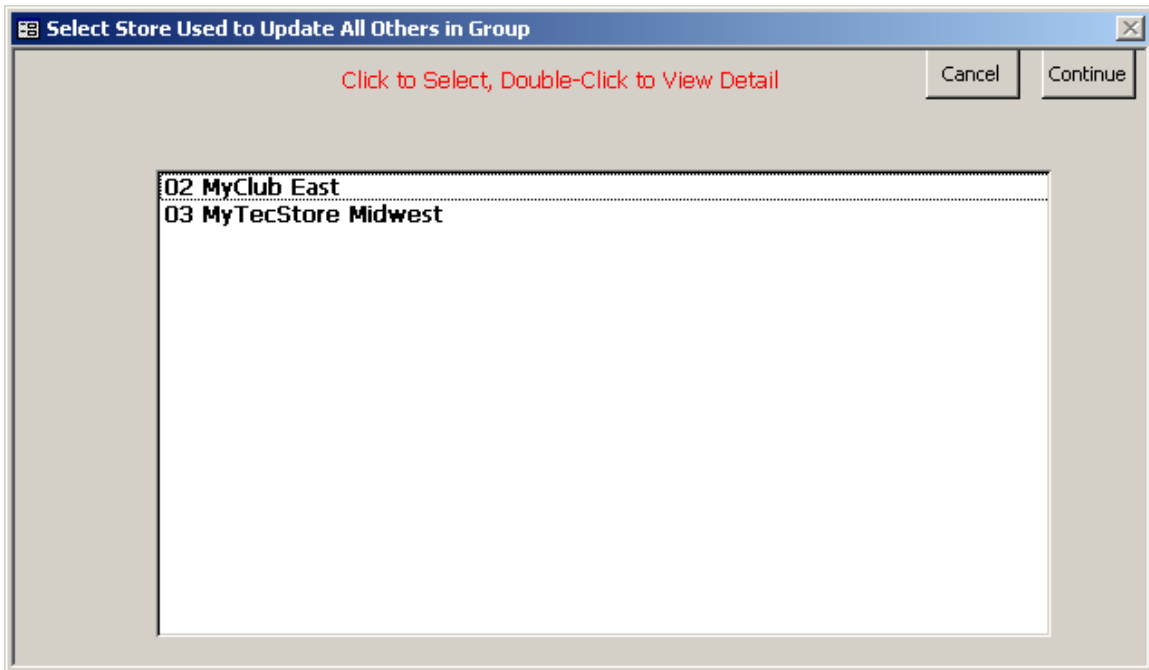


Illustration 11 Select the Store

Departments

Select Departments from Settings-> Information Maintenance on the toolbar. If all stores are not sharing Department information, you can choose below what stores you want to update and click 'Continue'.

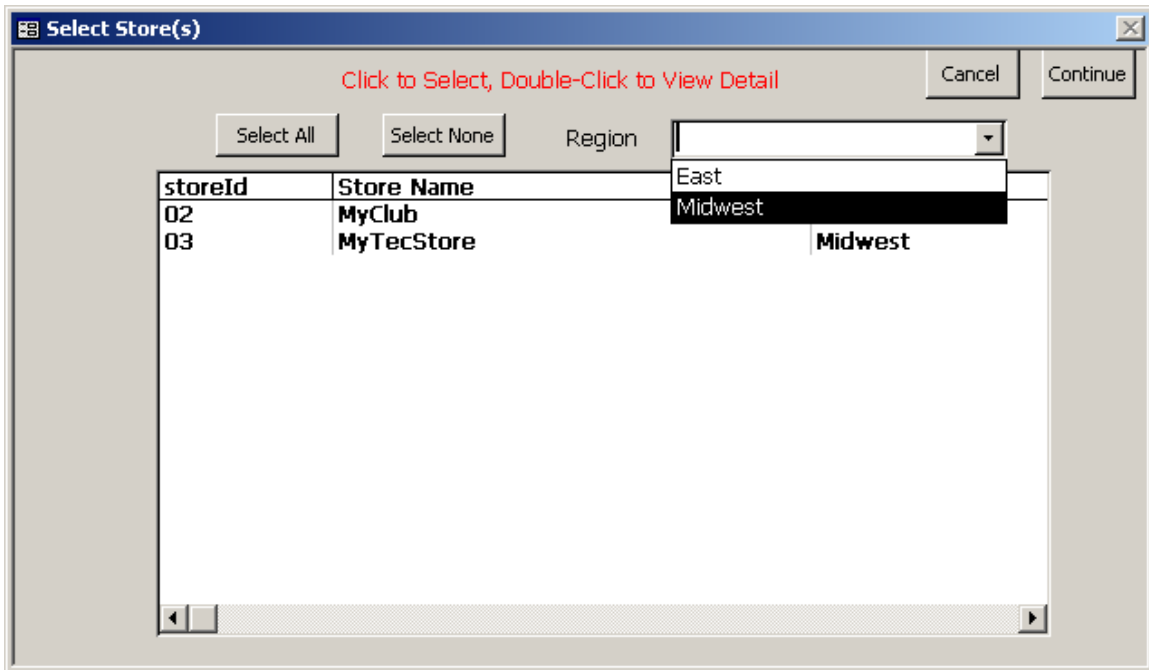


Illustration 12 Select a Store or Stores – You can filter your selection by Region

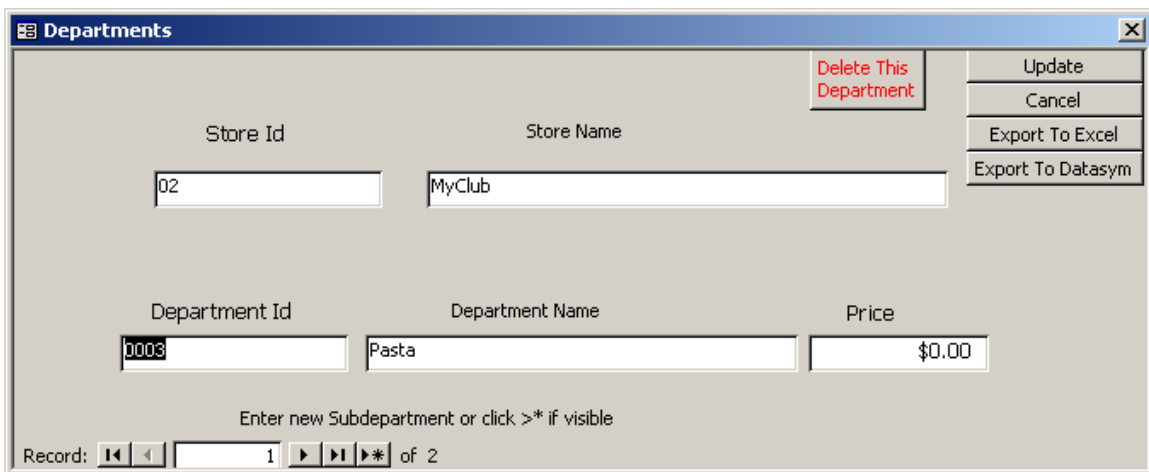


Illustration 13 Update the Department Information – Use the Navigation Buttons to page through the Departments.

Sub Departments

Go to Settings->Information Maintenance-> Sub-departments.

Subdepartments

Base Quantity Tare Table Cost

Associated Department

Department Number	Department Description	StoreId
0003	Pasta	02
0004	Sandwiches	02

Record: of 2

Illustration 14 Update the Sub-Department Information – Use the Navigation Buttons to page through the Sub-Departments.

Sell Items

Go to Settings->Information Maintenance->Sell Items. Costs can be entered for each sell item, providing ability to calculate profits or get Cost of Goods and Services from QuickBooks if BSI Accounting Bridge is installed.

The screenshot shows a software window titled "Sell Items" with a close button (X) in the top right corner. The window contains a form with the following fields and controls:

- Store Name:** Two text boxes, both containing "All Stores".
- SKU:** A text box containing "123455".
- Description:** A dropdown menu showing "Beef".
- Price:** A text box containing "\$4.00".
- Subdepartment ID:** A dropdown menu showing "0002".
- Mix And Match Group:** An empty text box.
- Family Code:** An empty text box.
- Base Quantity:** A text box containing "1".
- Cost:** A text box containing "\$3.00".

On the right side of the window, there is a vertical stack of buttons: "Delete This Sell" (in red), "Update", "Cancel", "Export To Excel", and "Export To Datasym".

At the bottom of the window, there is a navigation bar with the text "Enter new Sell Item or click >* if visible" and a record indicator showing "Record: 1 of 2" with navigation arrows.

Illustration 15 Update the Sell Item Information – Use the Navigation Buttons to page through the Sell Items.

Find a Sell Item

Sell items are displayed organized by SKU within store id.

SKU	Description	Subdept #	Price	storeId
123455	Beef	0002	\$4.00	02
123456	BLT	0004	\$3.50	02
123455	Beef	0002	\$4.00	03
123456	BLT	0004	\$3.50	03

Illustration 16 Double click to go to the Sell Item

Exports

Each of the Department, Sub department, and Sell Item forms has Export Buttons. Each of these kinds of information can be exported to Excel, or other common formats. Also, each can be exported to Datasym 13, 14, and 15 file formats, respectively.

Transformations

Go to Settings on the Menu Bar and select 'Transforms' to configure the settings for file transformation. This provides the ability for the manufacturer and those working with the manufacturer to add logic modules to transform data files from non-standard form to a standard form that 'POS Store & Forward' can more easily manage. Transforms can be used, for example, when interfacing a new POS terminal or file without requiring a new version of POS Store & Forward. Call 1-888-394-0047 for assistance.

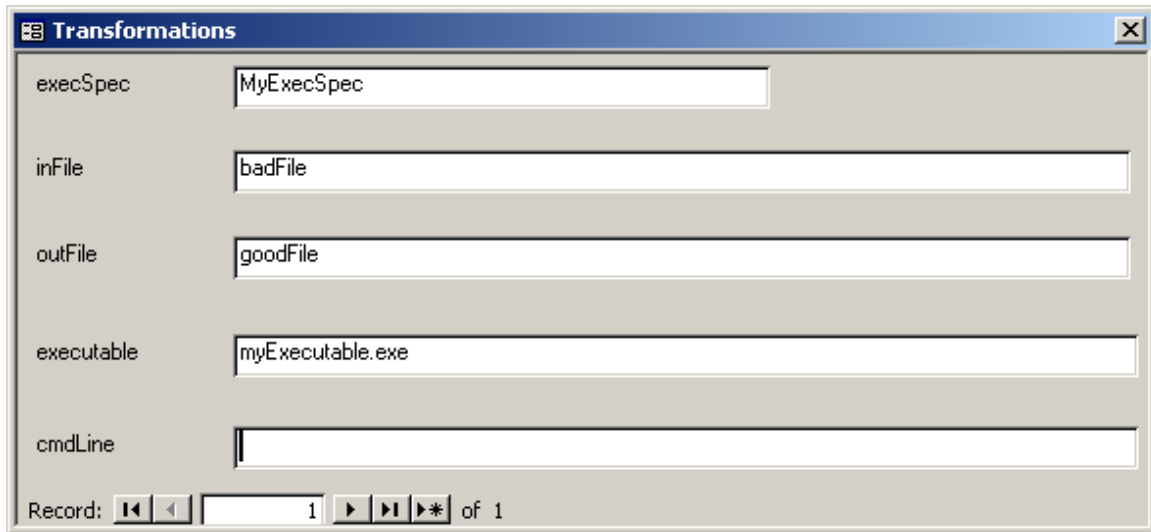


Illustration 17 Transformation Settings

View Your Event Log

Click 'Event Log' from the toolbar and select 'View Event Log' to see a record of all transactions, select 'Send Event Log' to Email the entire log, or select 'Send Week's Log' to Email the log of transactions for the past week. The event log will store entries for 60 days.

The event log provides a time stamp of the transaction, an entry that describes the transaction, the level of importance (severe, warning, or info), and the type of transaction. Double click the entry to see an enlarged view.

tStamp	entry	level	tra
8/18/2005 2:11:11 PM	Store Data TEC - Sales Mix Detail made available to BSI 8/18/2005 1:54:31 PM for MyStore.	Info	POS Int
18/2005 2:11:39 PM	Store Data TEC - Sales Mix Detail made available to BSI 8/18/2005 1:48:24 PM for MyStore.	Info	POS Int
18/2005 1:54:44 PM	POS Store & Forward server SHUTDOWN	Info	Capture
18/2005 1:54:32 PM	Successfully captured or sent periodic raw data from \\Skate\Toshiba\Daily Backup-supporting program	Info	Capture
18/2005 1:54:31 PM	Captured backup path E:\Program Files\Barrington Software Incorporated\POS Store And Forward\an	Info	Capture
18/2005 1:48:25 PM	Successfully captured or transferred raw data from E:\inetpub\ftproot\extracted Reporting\SMIXDTL.TX	Info	Capture
18/2005 1:48:24 PM	Captured backup path E:\Program Files\Barrington Software Incorporated\POS Store And Forward\an	Info	Capture
18/2005 1:31:50 PM	Captured backup path E:\Program Files\Barrington Software Incorporated\POS Store And Forward\an	Info	Capture
18/2005 1:25:34 PM	Captured backup path E:\Program Files\Barrington Software Incorporated\POS Store And Forward\an	Info	Capture
8/2005 12:49:59 PM	Captured backup path E:\Program Files\Barrington Software Incorporated\POS Store And Forward\an	Info	Capture
8/2005 12:49:46 PM	Register MyRegister added. Registera table assigned to maintain Sales Information. periodica assign	Info	POS Int
8/2005 12:49:26 PM	Register MyStore added.	Info	POS Int
8/2005 12:03:13 PM	Reorganized POS Store and Forward front end.	Info	Capture
8/2005 12:03:12 PM	Reorganized POS Store and Forward database.	Info	Capture
8/2005 12:03:10 PM	Backed up POS Store & Forward database Thursday, August 18, 2005.	Info	Backup
8/2005 12:02:09 PM	POS Store & Forward server STARTUP successful.	Info	Capture
8/2005 12:02:09 PM	Successfully deleted files over 30 days old.	Info	Routine
8/2005 12:02:09 PM	76 Path not found Error performing normal file maintenance.	Severe	Routine
8/2005 12:02:09 PM	76 Path not found Error performing normal file maintenance.	Severe	Routine
8/2005 12:02:09 PM	76 Path not found Error performing normal file maintenance.	Severe	Routine
8/2005 12:02:09 PM	76 Path not found Error performing normal file maintenance.	Severe	Routine
8/2005 12:02:09 PM	76 Path not found Error performing normal file maintenance.	Severe	Routine

Illustration 18 View a history of every action using the Event Log.

Assign a Register Terminal Personality

From the Menu Bar, click Registers-> Assign Terminal Personality. Use the form below to select a register and click the Assign Personality button. **POS Store & Forward has the ability to “Clone” register personalities.**

To Clone one or more register personalities, check the button on the right of the register you are assigning as well as the button to the right of any registers to which you would like to assign the same personality.

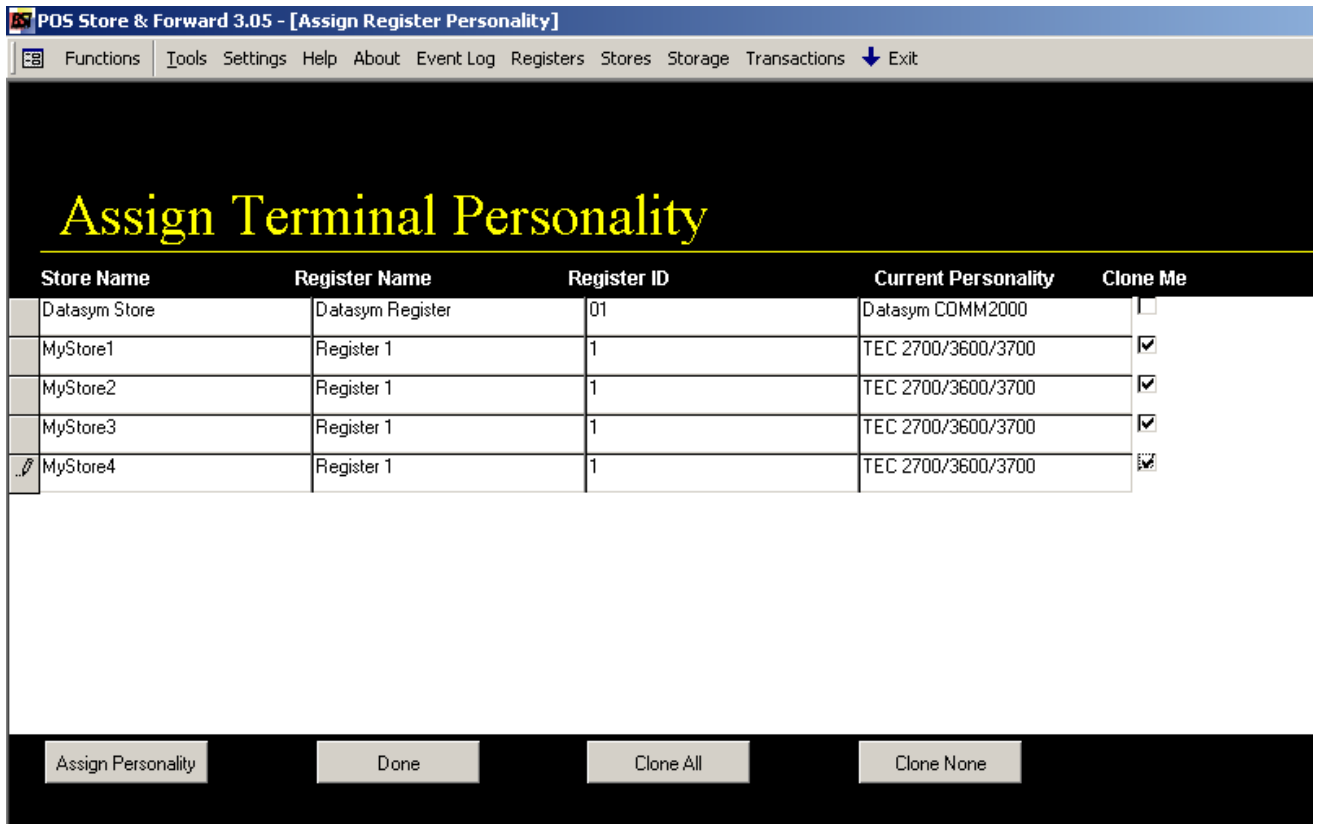


Illustration 19 Assign Terminal Personalities

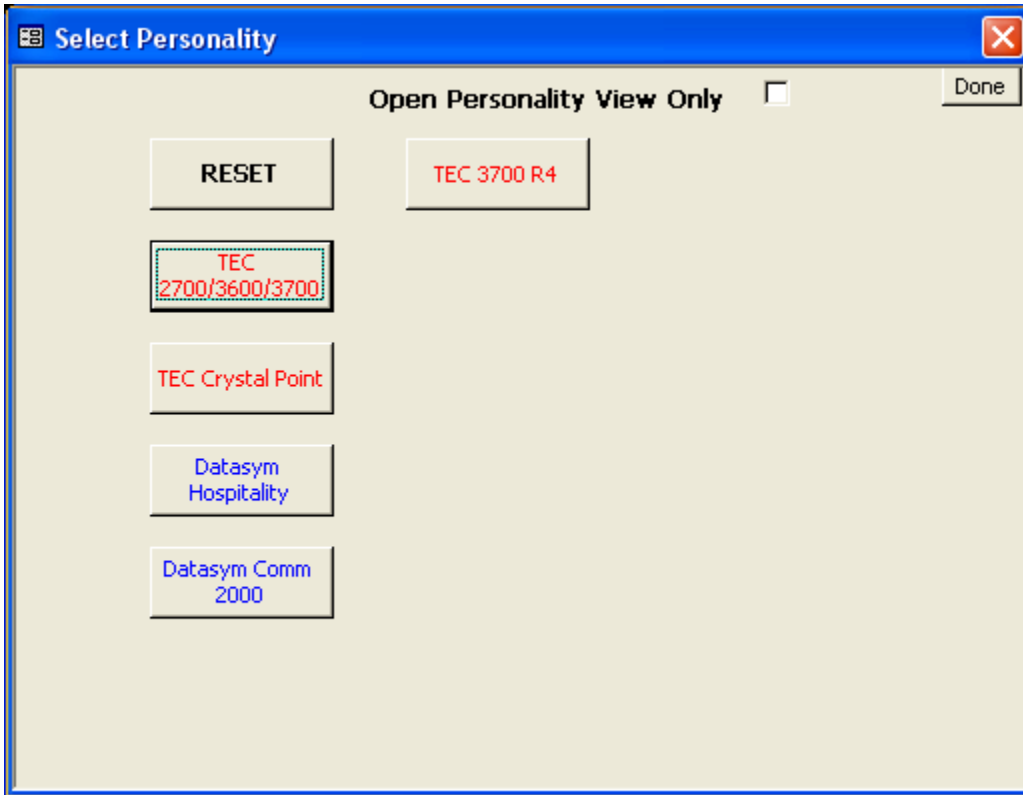


Illustration 20 Select and Assign a Personality

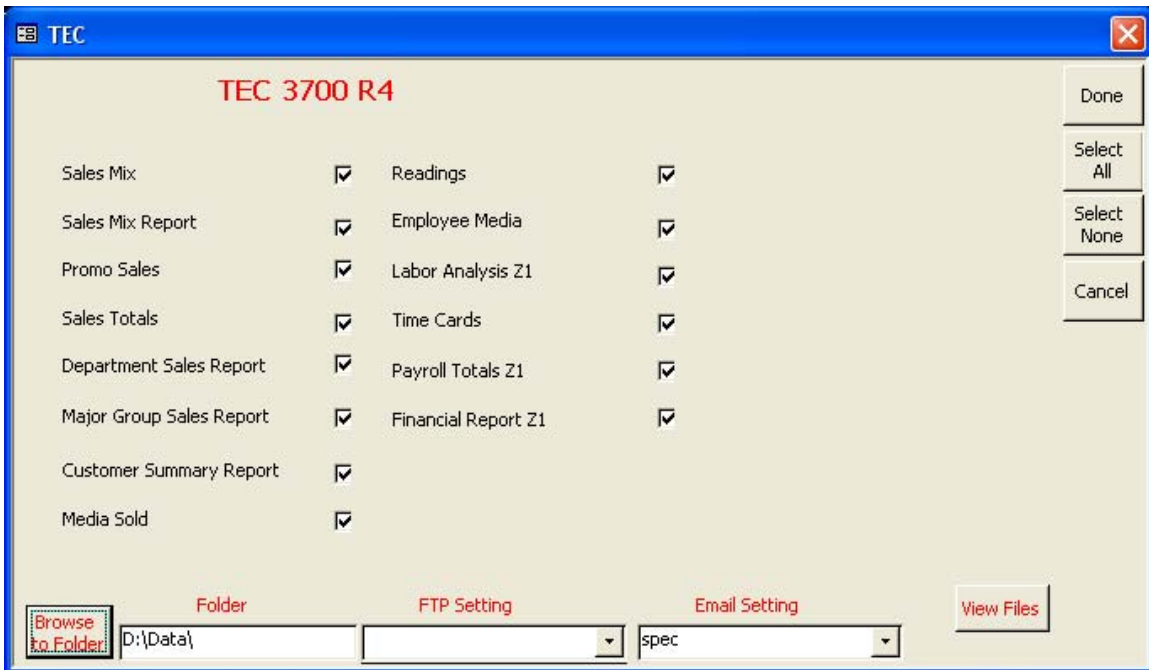


Illustration 21 Select a Register and Assign a Personality to that Register – Above are the files available for the TEC 3700 R4 Terminals

- ✚ Select the files you want transferred up to a maximum of 20.
- ✚ Select your FTP template if you are using FTP to transfer files. An FTP entry is created for each file selected. Each entry has information identical to the template with the exception of the file name and the specification name. Each entry has the name of the file associated with the checked off screen item. The specification name has a "\$" and sequential number appended to it. Assignment of individual specifications allows each file to be fetched or placed according to its own FTP specification. An FTP Template can only be assigned to a single register. As FTP Templates are assigned they are unavailable from the drop down list. This means when you want to use a single template for all your registers or a selected set of registers, set up one register (with your desired FTP template) and then select clone for all of the registers that you want to be set up identically.
- ✚ If the source of files for a register is located on your computer or LAN, you can browse to the folder where the files are located. When assigning a personality, the system assumes that all files to be captured are located in the same folder. Browsing to a file location and assigning an FTP template are mutually exclusive. Change to individual file paths can be done in the same way that register information is manually entered. When it is desired to change the FTP information for all files, just make the changes to the template. When the personality is updated, all changes will "ripple" through individual FTP specifications associated with each register setting.
- ✚ If it is desired that files for a register be forwarded by e-mail, an e-mail specification can be assigned. When personality is assigned, the template approach is not used, but rather a single e-mail specification is assigned to each entry for a register. Every file is sent as an attachment using a single e-mail specification. If all files are not successfully captured, the e-mail is not sent. There are files in systems with a zero length. These are marked as successful, even though no data were received.
- ✚ When the form is closed or the Done button clicked, you will be prompted for a file name (Datsym DailyZ). Fill in the file name and the selected personality is assigned for a register or updated if the register already exists.
- ✚ If a register's personality is being changed from one personality to another, it is recommended to RESET the register prior to assigning a new personality.
- ✚ When you assign a personality, POS Store & Forward knows the names of files required to be captured from each manufacturer's POS terminal.

Create File Import Specifications

File Import Specifications are used by POS Store & Forward to allow a user to create a way for it to view some files without additional programming. Store & Forward comes with specifications for a variety of POS terminals. Use the Import Wizard to create additional specifications for sales information files that you would like to import:

- ✚ Name the Specification
- ✚ Check 'Delimited' if the fields are separated by character such as a comma
- ✚ Enter the Character that each field on a line is delimited by, if it is a delimited file.
- ✚ Select the fields in the order they occur in your file. Many fields are available. Shorten the dropdown list by typing in the first characters of the field name.
- ✚ Use 'Ignore' if the field is not in the list
- ✚ If the file is not delimited, enter a width for each field
- ✚ Check Ignore Last Line if there is a trailer line in the register file.
- ✚ Check 'First Row is Name' indicator if the first row has column names.
- ✚ Select from the Special dropdown if special processing is needed such as for DX-890 dates, which can appear in European format – YYYY/MM/DD.
- ✚ Examine how POS Store & Forward views your import file by browsing to the text file and then checking the Read/View File Data box.

If you prefer, Barrington Software Inc. will, for a reasonable fee, create the specification for you.

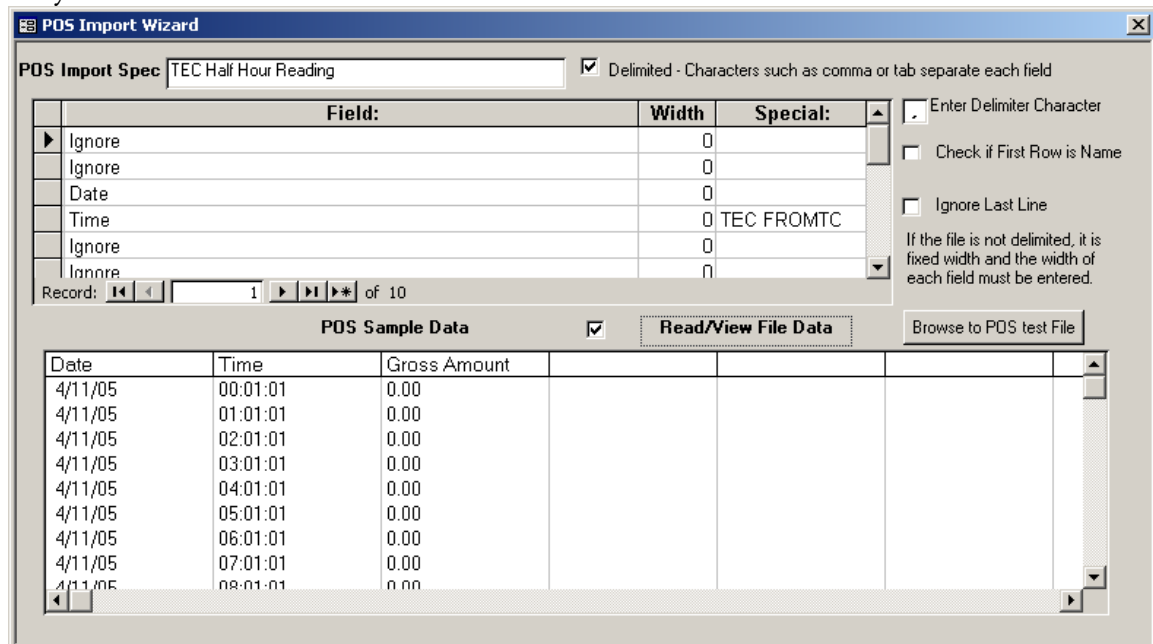


Illustration 22 POS Import Wizard Information Captured by POS Store & Forward Wizard includes the following information types: **Sales, Customer, Customer Account, Tax, Department, Group, Media, Employee, and Time-in/Time-Out.**

Force Register Capture

From the Menu Bar, click Registers->Force Register Capture. Select a register and click the Assign Personality button. In addition to setting a global capture time for all files or an individual capture time for each file, you can force a file capture at any time. Forced capture would be used to initiate recapture of information that has been lost, already captured, or unable to be captured previously because of incorrect setup information or unavailability of a server or other required resource. Go to Register->Force Register Capture, select a register, and the screen below will appear. Select the information or reports that you want to capture by putting a check in the box or click 'Select All'.

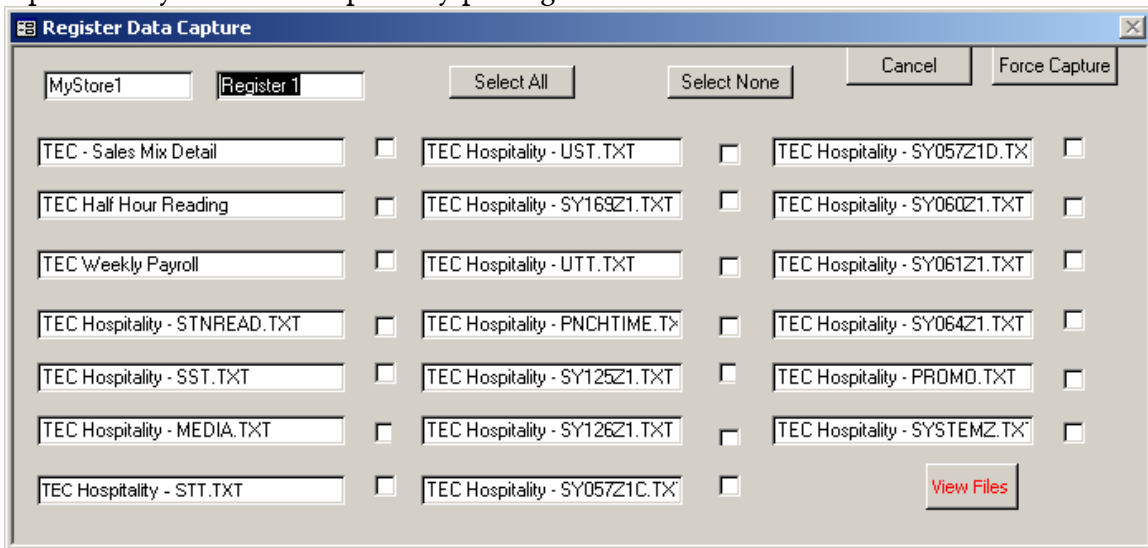


Illustration 23 Force the capture of files at any time.

Force Capture brings the server down and then back up. Pending transactions are set to dead and POS Store & Forward begins work on the new capture. After a capture has been forced, it does not affect when the next capture cycle begins. Force capture can be used to manually recover files or post files that were not previously captured. Data cannot be posted twice if the 'Use TEC Header' option is checked.

View A Status List

Initiated	Sent	Received	Status	Transfer Type	Transaction Type	Status Detail	Register
7/7/2006 10:38	7/7/2006 10:48	7/7/2006 10:48	Success	Email Send	TEC Hospitality	Sent Working on file DISCDTL.T	reg1St5
7/7/2006 10:38	7/7/2006 10:48	7/7/2006 10:48	Success	Email Send	TEC Hospitality	Sent Working on file UTT.TXT.	reg1St5
7/7/2006 10:38	7/7/2006 10:48	7/7/2006 10:48	Success	Email Send	TEC Hospitality	Sent Working on file SY16921.T	reg1St5
7/7/2006 10:38	7/7/2006 10:48	7/7/2006 10:48	Success	Email Send	TEC Hospitality	Sent Working on file UST.TXT.	reg1St5
7/7/2006 10:38	7/7/2006 10:48	7/7/2006 10:48	Success	Email Send	TEC Hospitality	Sent Working on file STT.TXT.	reg1St5
7/7/2006 10:38	7/7/2006 10:48	7/7/2006 10:48	Success	Email Send	TEC Hospitality	Sent Working on file MEDIA.TXT	reg1St5
7/7/2006 10:38	7/7/2006 10:48	7/7/2006 10:48	Success	Email Send	TEC Hospitality	Sent Working on file SST.TXT.	reg1St5
7/7/2006 10:38	7/7/2006 10:48	7/7/2006 10:48	Success	Email Send	TEC Hospitality	Sent Working on file STNREAD.T	reg1St5
7/7/2006 10:38	7/7/2006 10:48	7/7/2006 10:48	Success	Email Send	TEC Weekly Payroll	Sent Working on file PAYROLL.T	reg1St5
7/7/2006 10:38	7/7/2006 10:48	7/7/2006 10:48	Success	Email Send	TEC Half Hour Read	Sent Working on file READINGF.	reg1St5
7/7/2006 10:38	7/7/2006 10:48	7/7/2006 10:48	Success	Email Send	TEC - Sales Mix Del	Sent Working on file SMTXDTI.T	reg1St5

Illustration 24 The status list shows the status for each file captured for each register. Filter the list by selecting Store, Register, and Transaction Type from the drop down lists. Click View All to remove the filters.

View the following.

- ✚ Initiated is the time that a request for a file was initiated. This column can be double clicked to enlarge the view.
- ✚ The Sent/Received column reflects the time that the POS Store & Forward server last attempted to do work on a request.
- ✚ Status reflects the state of a request. Status can be 'Pending' meaning working on a request, 'Success' meaning request successfully completed, or 'Dead' meaning no longer working on a request.
- ✚ Transfer Type reflects the kind of request for a file that is being worked on, FTP Fetch, FTP Send, Information Capture, register fetch, and e-mail send.
- ✚ Transaction Type is the File Type or Specification for an individual register setting.
- ✚ Status Detail is a detailed explanation of status. Double click any entry in this column for an enlarged view.
- ✚ Register is register name.

Each status line represents a task and the status of the task. Each task when begun shows "Pending". When a task is completed, it shows "Success". The system will not proceed on to another task until the previous is completed. Tasks fail to complete for a variety of reasons, mostly because a network connection is broken, a file is missing, or setup

information is incorrect. The order of task completion is Register or FTP Get, Capture of Information, FTP Put, and e-mail send. If all the information has been collected for a register, but can not be sent by FTP, the e-mail will be sent and the FTP will keep trying for each file unable to be sent. What you normally will see is the last task that you have specified with a status of "Success". Check the Event Log for more detail. Datasym DailyZ files are marked to success if the DailyZ is captured, but if there is no store ID and Register ID match (your POS Store & Forward entries do not match Comm2000), a "header not found" message is displayed in status detail.

Each time that the POS Store & Forward server is brought down and back up, pending jobs are marked to 'Dead' and a previously pending job will show up under a new initiated time stamp. The register must be reset to discontinue work on a scheduled task. Current pending transactions can be marked to 'Dead' by going to the menu bar, selecting Transactions->Set Trans to Dead. This causes the server to stop working on a pending transaction.

It is very important to use this screen when sending information from the TEC registers. When a job is scheduled at the specified time, an entry is created in this screen for each file and the status is set to 'Pending'. After the TEC DailyZ has been performed and the files FTP'd to the PC or remote, the status on each file should go to 'Success'. If it does not do this within 2 to 4 minutes, push the re-send button on the register.

Export Or Forward Information By Register or Store

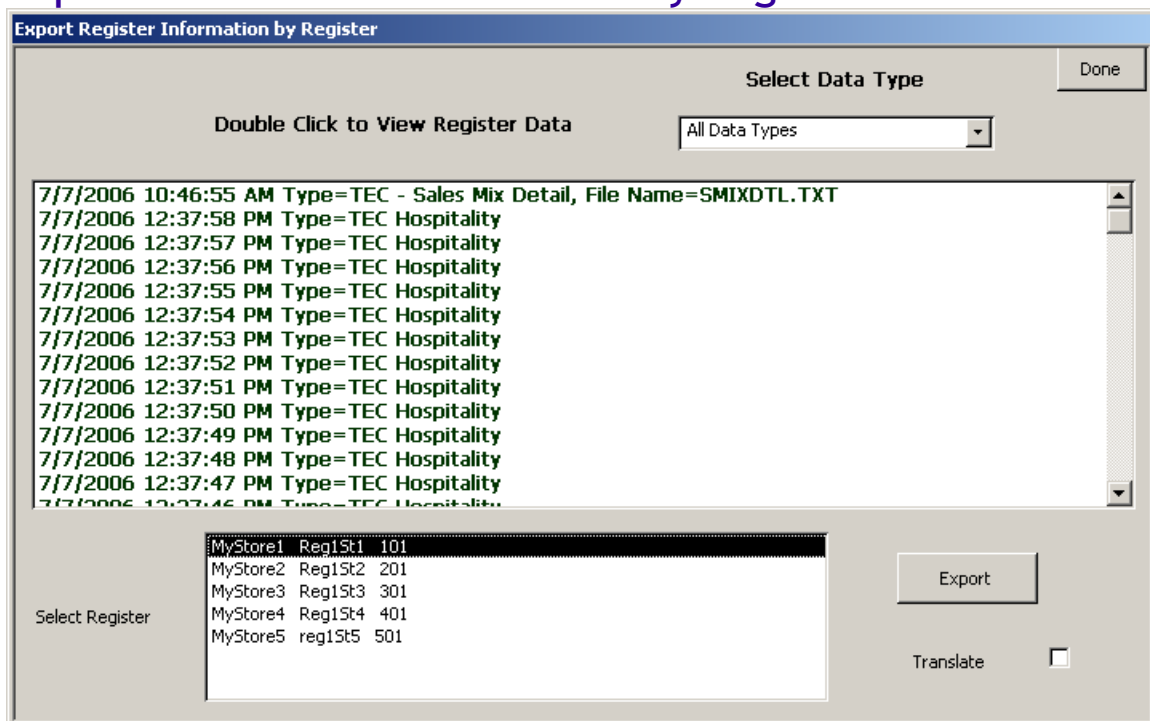


Illustration 25 Export Information By Register

Click 'Export by Register' and export information for individual registers to a file. You can view the original information by double clicking and you can export the original information by clicking Export without checking the 'Translate' box. The original information will export to a .txt file. You can view the information after it is translated to a by checking 'Translate' and double clicking and you can export the translated information by clicking Export with the 'Translate' box checked. The translated information will export to a .csv file. You can also export to a .CSV file using Export By Store where like files from different registers within the same store will be combined when exported. You can also select a data type to view only files of that data type.

Make Available to BSI By Register or Store

Information is made available to BSI by Store automatically by POS Store & Forward server. Only use these functions if you are an expert user or are directed to do so by support. Click 'To BSI By Register' and make information from individual registers available to other BSI applications. You can view the original information by double clicking or view the information after it is translated to a standard format with headers by checking 'Translate' and double clicking. You can also make information available by store by clicking "To BSI By Store". Like files from different registers in the same store will be combined. You can click 'View Sales Batches For BSI' or 'View Other Batches For BSI' to see what you already made available. The stored information can be used by other Barrington Software applications, at a later time.

Barrington Software Inc. will periodically release software updates with new functionality expanding the use of the POS Store & Forward. Check www.cookken.com for software updates or contact us at 1-888-394-0047.

View and Reschedule Batches

Go to 'Job Status' from the Switchboard to view and reschedule batch jobs.

Job Start	Last Change	Job Name	Current Status	dependency
1/20/2007 8:43:06 AM	5/8/2007 3:12:52 PM	importPeriodicSales	Scheduled	
2/2/2007 4:42:34 PM	5/8/2007 3:13:58 PM	importPunchTimes	Scheduled	
1/20/2007 8:43:07 AM	5/8/2007 3:14:59 PM	Periodic Sales	Scheduled	
1/20/2007 8:44:08 AM	5/8/2007 3:15:59 PM	Punchtimes	Scheduled	
5/12/2007 8:06:14 AM	5/12/2007 8:06:14 AM	Sales Detail	Scheduled	

Illustration 26 Batch jobs are automatically scheduled for maintenance time.

Reporting

'Reporting' on the Switchboard provides access to reports available directly from registers or register network. TEC 2700/3600/3700, TEC Crystal Point, and Datasym Hospitality reports are available.

Register

Register reporting is available for TEC Crystal Point and Datasym Hospitality terminals. Entries appear for TEC 2700/3600/3700 terminals, but they are empty. Entries in the lower list box are associated with each register. Select an entry and each available report for that register appears in the top list box. Double-click to view the report.

Store

Store reporting is only available for TEC 2700/3600/3700 terminals at this time. This reporting is basically the TEC register reporting made available at the PC. Many reports have whole store figures available as well. Reports for one or multiple stores are easy and quick to get. When you click 'Stores', the Make Reports form comes up.

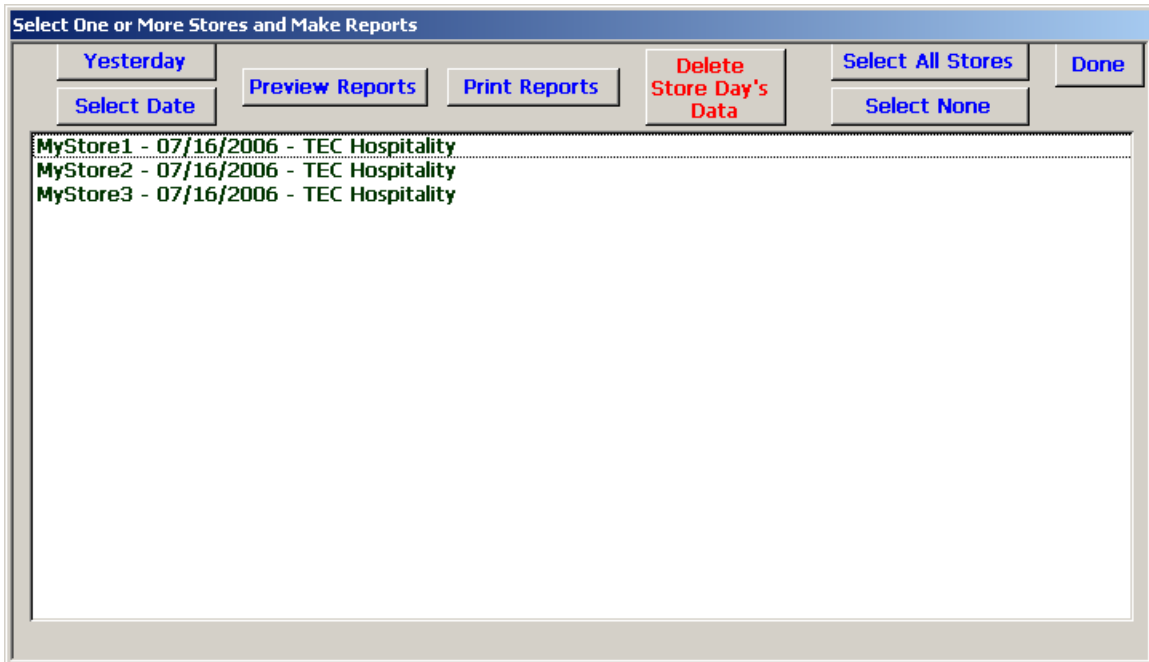


Illustration 27 Select and Create Store Reports

The form comes up with an entry for each store that has information captured on that day. You can click Yesterday to bring up stores that have information captured on the day previous to the day you are clicking or click 'Select Date' to select a day. Select one or more stores or use the 'Select All' and 'Select None' buttons to select the stores that you want reporting on. When you click 'Preview Reports', the system creates reporting for all stores selected in a single report. Enter Control-P by simultaneously clicking the CNTRL and P keys to bring up the Print settings form. This allows selection of a page range to print. Alternately, just click 'Print' in the toolbar to print the entire report.

Click 'Print Reports' to print reports for all stores. These reports have a header page for each store and begin pagination for each store at the first page.

As each report for a store is created or printed, the store is unselected in the list box.

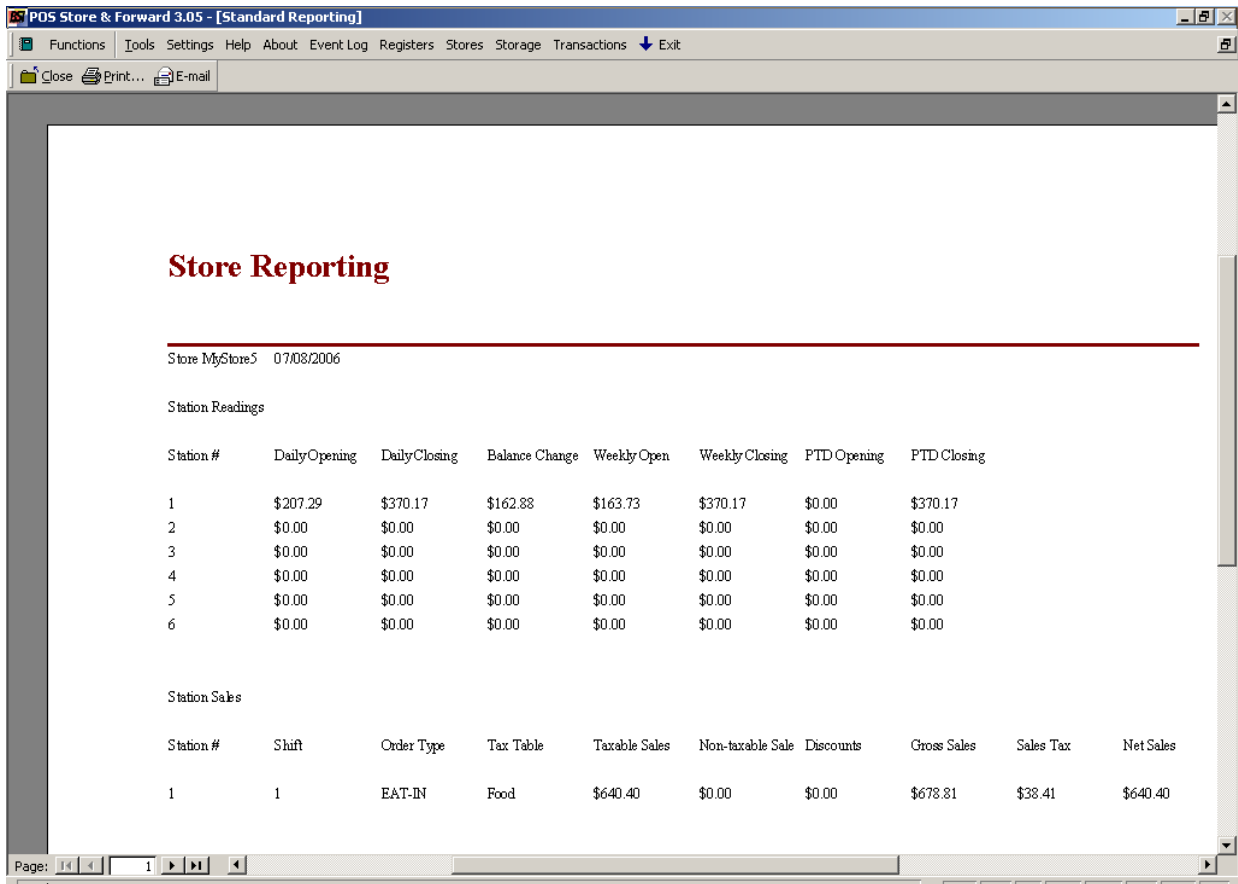


Illustration 28 Store Report Example

Graphical Reporting

POS Store & Forward provides graphical reporting of sales by department, sub department, store, region, day of week, week, month, quarter, and year. To access this reporting click the 'Graphical Sales Reporting' button on the Switchboard. A form with all of the report selections will open.

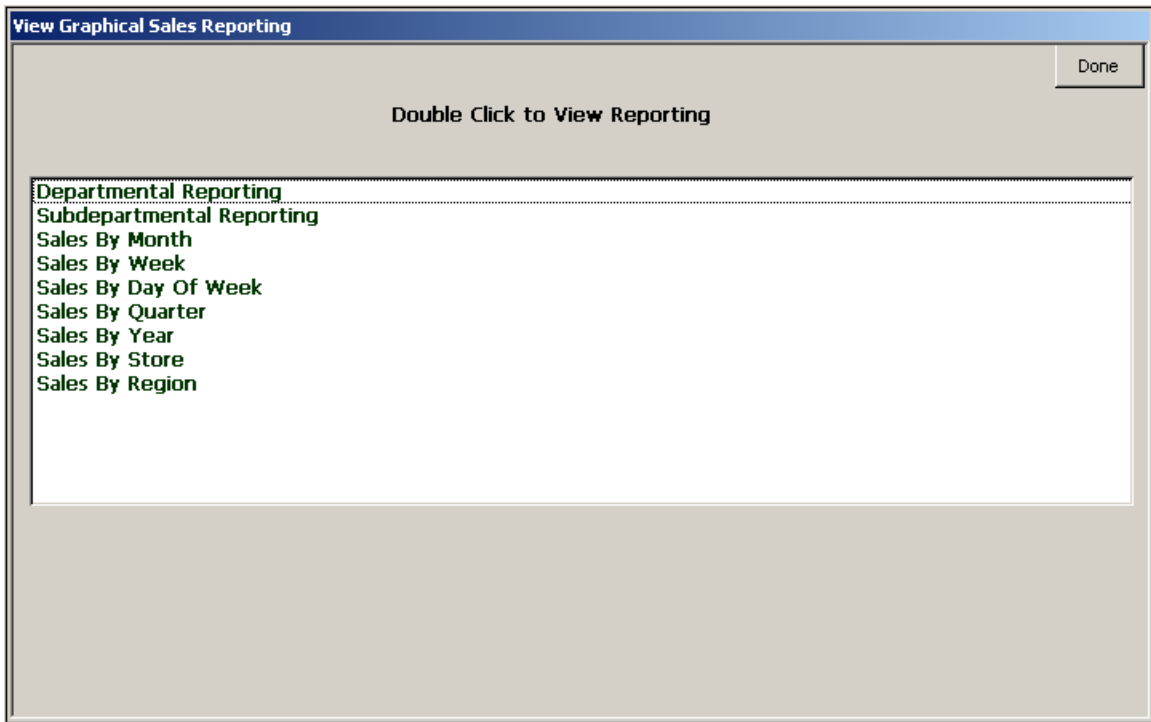


Illustration 29 Select a Graphical Sales Report from this screen.

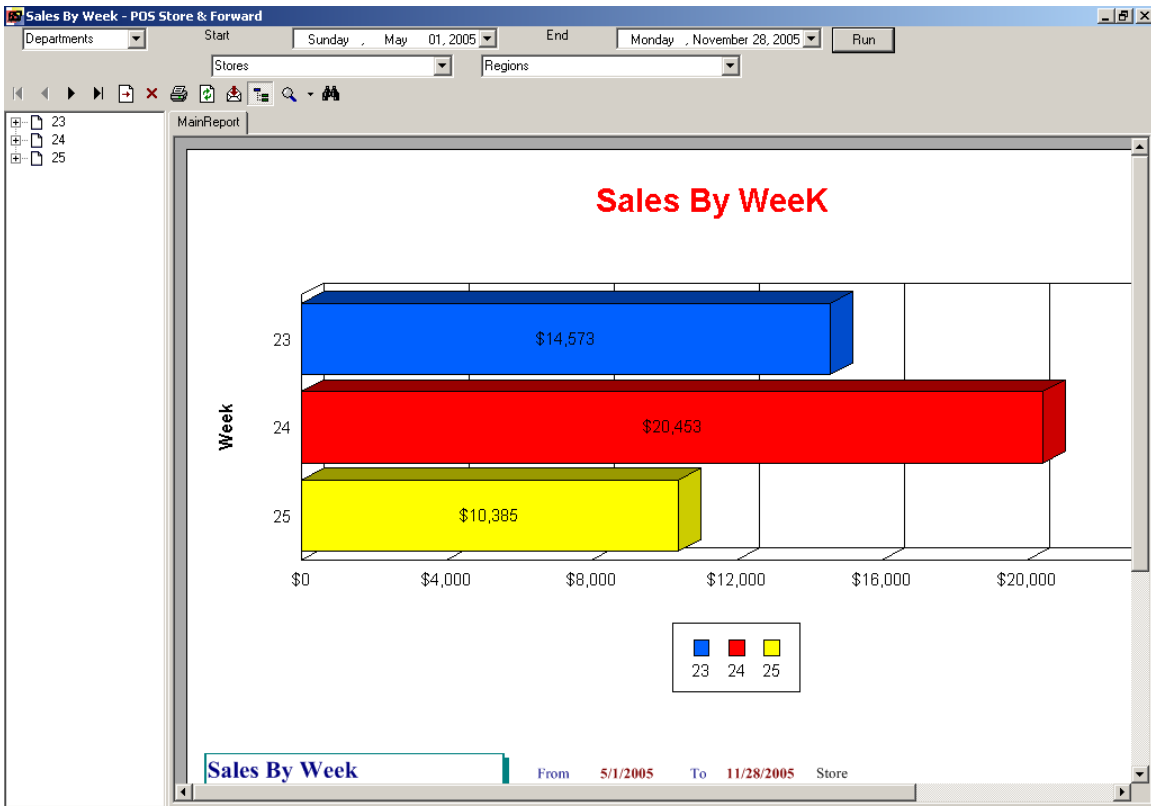














Illustration 30 Above is a representation of sales by week for 3 weeks in June.

You can further sort the report by department, store or region. You can double-click one of the colored bars to see the detail records and you can page through the records. All windows report viewers work the same and have the following features.

BSI Windows Forms Viewer is currently available as a standard report viewer pre-packaged with a viewer toolbar. See the illustration above to view a tool bar. Icon functions are below. Experiment with the icons to see how the report viewer works.

-  Go to first page
-  Page backward
-  Go to specified page
-  Page forward
-  Go to last page
-  Close current window (for group or sub report only)
-  Print report
-  Refresh report
-  Export Report
-  Toggle Group Tree
-  Magnify / reduce report
-  Search

Backup and Maintenance

You can set a backup maintenance time and a back-up directory by going to Settings on the Menu Bar. Your information will be copied to that directory once a day, on a daily basis, seven days a week. With the beginning of a new week, the previous week's information will be overwritten. This backup information can be kept in another location for extra protection.

In case of disaster copy the latest good backup of "PosInterface_be.mdb" to your installation folder. This will be in one of the days of the week folders under "backup".

Raw Data Backup

All data received by POS Store And Forward is backed up for 30 days in date stamped folders. These are located in the 'POS Store And Forward Data Files' directory on the same drive as your 'Programs Folder'. There is a folder underneath it for each register and the backed up data is located in the folder 'Raw Data Backup'. Example: 'C:\Pos Store And Forward Data Files\MyStore1 Register 1\Raw Data Backup\Aug-20-2006 01-23-46 PM'.

POS Store & Forward Server

The POS Store & Forward Server is a helper to the POS Store & Forward program. It runs constantly and wakes up periodically to do its work. It captures information for registers as instructed and backs up and reorganizes the POS Store & Forward database as well as inspecting for defects once a day. When you enter or update information in POS Store & Forward, POS Store & Forward Server knows immediately to read the new information.

General Information

The POS Store & Forward Server is started up immediately after installation and every time that your computer starts up. When your computer shuts down, it is automatically shut down. You have the ability to hide the POS Store & Forward Server form by clicking "Hide Form". If the form is hidden, it can be displayed again by clicking Start->startup-> POS Store & Forward Server. The 'Server Console' is the preferred method used to manage POS Store & Forward Server.

The very first time that POS Store & Forward Server runs, it creates a backup folder in your installation directory called "backup". Underneath this folder are folders for each day of the week, where it will back up your POS Store & Forward database. It also runs

maintenance on the database. When you set the maintenance time and browse to a new backup folder location using the "Settings" function, if a backup has already been performed that day, another one will not be performed until the next day.

Also the very first time the POS Store & Forward Server runs, it creates the "Pos Store And Forward Data Files" directory in your installation folder with folders underneath that are named after each store and register. Underneath these folders are a "Gets" folder and a "Puts" folder. These folders contain the files that have been captured from a remote FTP server or from the computer or network that POS Store & Forward is running on. Each time that POS Store & Forward is started, it performs maintenance on the store and register folders underneath the "root" folder that has been created, deleting entries that are no longer in the database and adding new ones that were not there previously. The implication of this is that additions or deletions of stores and registers will not be reflected properly if POS Store & Forward is running. It must be started after the maintenance if it is not already running or brought down and restarted if it is running when maintenance is performed.

A complete audit trail of activity is kept in Event Log in POS Store & Forward. Click "Event Log" to view the audit trail.

Server Console

The Server Console manages POS Store & Forward Server. It is available from Functions at the top left of your computer screen.

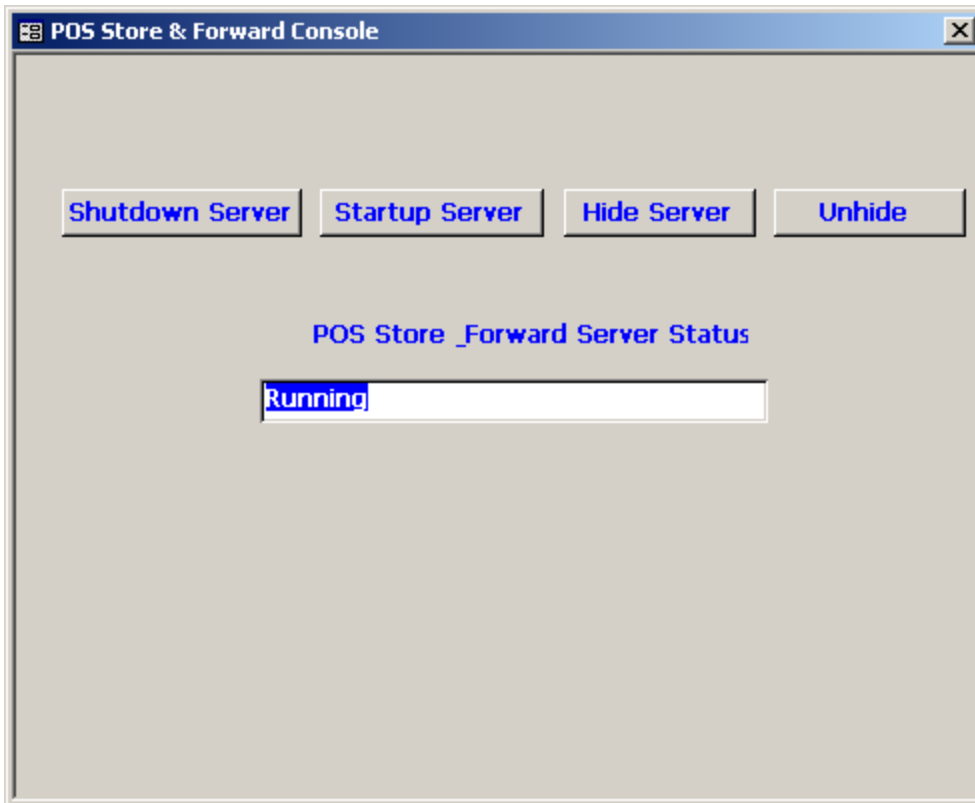


Illustration 31 Server Console

It is possible to start, stop, hide, and unhide POS Store & Forward Server from the “Server Console” as well as view current status. When the server is shutdown, if it is in the middle of capturing information for a register, the capture for that register is completed prior to the shutdown, however, the server is made visible, goes into a normal display position on the desktop, and displays “Shutdown in progress” until the actual shutdown occurs.

Datasym Retail/COMM2000

When the Datasym Retail/Comm2000 personality is assigned to a register, the register is looking for the specified files in the DailyZ. POS Store & Forward software is capable of capturing Sales Detail in the 33 File, periodic sales information in File 20, Department Information in File 15, Sales Detail in the 14 File, and SKU Preset Information in File 13. We recommend selecting all files. If an FTP template is specified, all types of information will be gathered from the DailyZ at the location specified in the FTP template. The system will ask you the specific name of the DailyZ file that is being captured, for example, ‘11-1111.dat’. If you are browsing, go to the DailyZ and select it. If an e-mail spec is chosen from the drop down, the e-mail spec will tell the system where the DailyZ is to be forwarded to via e-mail. When you click the ‘Done’ button or close the form, the register is automatically set up with your choices. Below is detailed information about register setup with Comm2000.

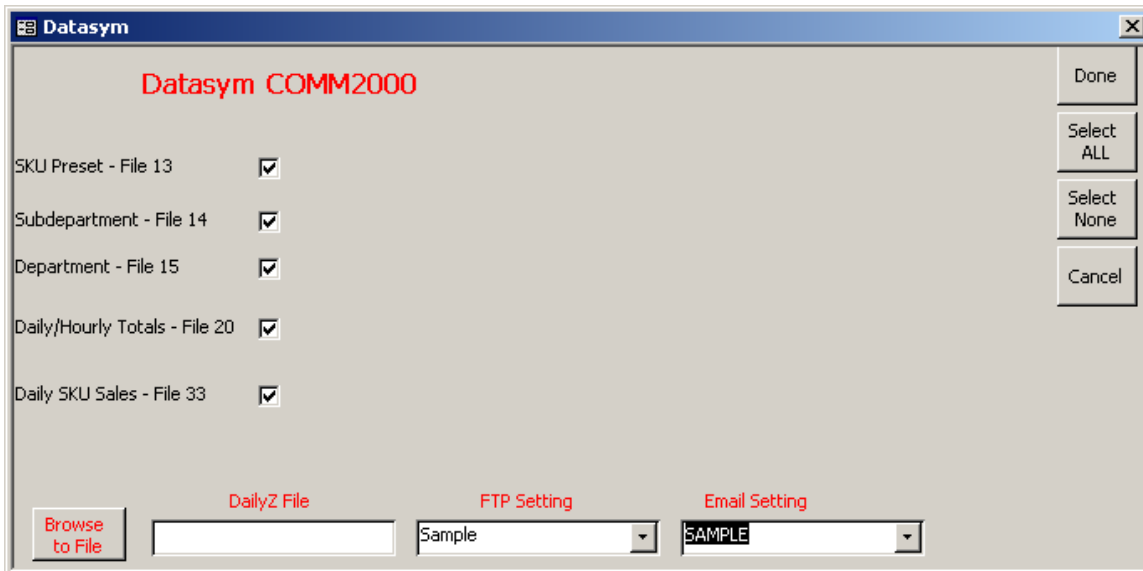


Illustration 32 Files available for Datasym COMM2000 Users

Specifications for capture of Datasym POS data need not be created. They are available from drop downs in the Register form. Each Register can have two specified data captures. The data capture specified by the first setting for the very first register involves sales information. The 14 File and the 33 File specifications are available from the first drop down list in the register form and the 15 File, SKU Preset (13 File) and the 20 File specifications are available from the second setting drop down list on the very first register.

When browsing to the file to be captured on a daily basis, choose the DAILYZ File. This is normally named "dailyz.dat". It could be named something similar so be sure that you have browsed to the correct file. In order to properly capture the information for a register, the store Id, and register id, specified for a register in POS Store & Forward must match the store and register number in Comm2000. It must be an entirely numeric entry. The capture software will ignore leading zeros.

The software is looking for register information that has been reset. If a register has been reset multiple times in a day, all resets are captured. The reset here is a Comm2000 reset, not a register RESET.

POS Store & Forward will work with any Datasym register that produces the files specified above.

After Datasym POS data have been captured, it is possible to make it available to any application that reads comma separated value (CSV) files. These include Microsoft Access and Microsoft Excel. It is also directly available to Barrington Software applications, such as BSI Accounting Bridge, which reads sales information from the database and switches it to QuickBooks. The BSI Labor and Scheduling program reads the 20 File in order to

create forecasts of labor requirements by the half hour based on previous sales activity. BSI Inventory Control and CookenPro can import both the 14 File and the 20 File to capture sales information and apply it against inventory as well as maintaining sales totals figures.

Datasym Hospitality Users

When you assign a Datasym Hospitality personality to a register or POS terminal, all of the setup work is done to capture information from a DX-890, SX700, or SX800 terminal. A maximum of 20 reports can be captured. POS Store & Forward can capture most report files (“.REP”) produced by these terminals, periodic or daily, reset or not reset. See Datasym Hospitality help for a complete list of file names and their functions. After capture, Datasym Hospitality report files can be viewed by clicking ‘Reporting’ on the Switchboard and then selecting the register and double clicking the specific report that you want.

Report Files on the POS Terminal

In most circumstances, the report files are located on the POS Terminal. The Datasym Hospitality terminals are equipped with native FTP capability. It is the responsibility of the dealer to setup the terminal or terminals so that each has an FTP address that is pollable from the PC that POS Store & Forward is located on. When this has been achieved, an FTP spec can be created as a template to retrieve specified report files, capture them, display them at the PC, and use the information in a variety of ways. When you select the FTP spec template that you have created, after you have assigned the personality, specified files are setup to be retrieved from the terminal or terminals in the way that you schedule them. Report files should not be date appended.

Report Files on the PC

Datasym Hospitality report files may be located on the PC if the PC is setup as an FTP server and the report files are “pushed” to it by the terminal software or if third party software is used to retrieve them. In the cases that files are located on the PC, browse to the folder on the PC or network where they are located. All report files will be specified to be at this folder location.

Information capture

Some report files are not just for the purpose of reporting. These are captured in a way that makes them available to export (reports are not) and to be sent to other applications. Currently, the PLU report, “X.41.REP”, and the hourly sales activity report, “X06.REP” are captured in this fashion. These two files feed other applications such as BSI Accounting Bridge, BSI Labor & Scheduling, CookenPro, and BSI Inventory Control. Because these two files are used in two different ways, they require two settings each of the 20 available for a register.

E-mail Forwarding

Use the e-mail specification that you select to forward reports to up to 3 e-mail forwarding locations. When you select an e-mail specification and then close the form or click 'Done', all settings in the register are set to use the e-mail specification that you have selected. All files selected for a register are sent as an e-mail attachment in a single e-mail.



Illustration 33 Files available for DatasyM Hospitality Users

TEC FS2700/3600/3700 Users

When you assign TEC FS2700/3700 personality to a terminal, it is setup to possibly create the following reports. Each report is associated with one or more files. The association is not necessarily unique. The following are reports and associated files. The software is aware of required files and does not capture a file more than once.

Sales Mix Detail	SMIXDTL.TXT
Period Sales Activity	READINGF.TXT
Employee Period Payroll	PAYROLL.TXT
Station Readings	STNREAD.TXT
Sales	SST.TXT
Sales Statistics	SST.TXT
Balancing	STNREAD.TXT, SST.TXT
Media	MEDIA.TXT, STT.TXT
Cash Balance	SST.TXT, MEDIA.TXT, STT.TXT
Departments	STT.TXT, SMIXDTL.TXT
Categories	STT.TXT, SMIXDTL.TXT

Functions	STT.TXT
User Sales	UST.TXT, SY169Z1.TXT
User Tracking Totals – Media	UTT.TXT, SY169Z1.TXT
User Tracking Totals – Discounts	UTT.TXT, SY169Z1.TXT, DISCDTL.TXT
User Tracking Totals - Gift Certificates	UTT.TXT, SY169Z1.TXT, GCSOLD.TXT
Punch Times, Job Code Totals, Labor Analysis	PNCHTIME.TXT, SY169Z1.TXT, SY125Z1.TXT, SY126Z1.TXT
Category Sales Mix	SY057Z1C.TXT
Department Sales Mix	SY057Z1D.TXT
System Financial	SY060Z1.TXT
Customer Summary	SY061Z1.TXT
Sales Tax	SY064Z1.TXT
Promotions	PROMO.TXT
System Z	SYSTEMZ.TXT

The first three of these files are captured in a form that allows sending on to other applications such as BSI Accounting Bridge, BSI Labor & Scheduling, or CookenPro.

Periodic Sales Activity is by the half hour. The 3 labor reports under punch time reporting cannot be specified if either User Tracking Totals – Gift Certificates or Discounts are specified.

Report Files on the PC

If the TEC FS2700/3600/3700 files are located on the same PC as POS Store & Forward runs on, browse to the folder where they are located. When the TEC Personality is assigned, the registers are automatically setup to capture selected files from the specified folder location. This reporting that is captured from the registers and is on the PC is available by clicking ‘Store’ under ‘Reports’ on the main screen.

Report Files on FTP Server

If the TEC FS2700/3600/3700 files are located on an FTP server, select the FTP setting that you have previously setup to capture FTP information. When TEC personality is assigned, the FTP setting that you have chosen will be used as a template to create a setting for each individual file to be transferred. The naming convention for these additional settings is to append the dollar sign, “\$” and a sequential number. If you desire to change a setting and have it reflected for all TEC files, make the change to the template and reassign the TEC personality with the FTP setting template that you have modified selected for a register. When you close the form or click the ‘Done’ Button, the changes will ripple through to each individual setting. This reporting that is captured from the registers and is on the PC is available by clicking ‘Store’ under ‘Reports’ on the main screen.

E-mail Forwarding

Use the e-mail specification that you select to forward reports to multiple forwarding locations. Separate each e-mail address with a “;” delimiter. When you select an e-mail specification and then close the form or click ‘Done’, all settings in the register are set to use the e-mail specification that you have selected. All files selected for a register are sent as an e-mail attachment in a single e-mail.

TEC Settings

These files should also be specified as fixed length. Two settings on the register require modification. In System Configuration under Database Setup, Page 6, Set append Export to Yes and on Page 8, set explinehdrs to Yes, if Use TEC Header is checked in maintenance settings.

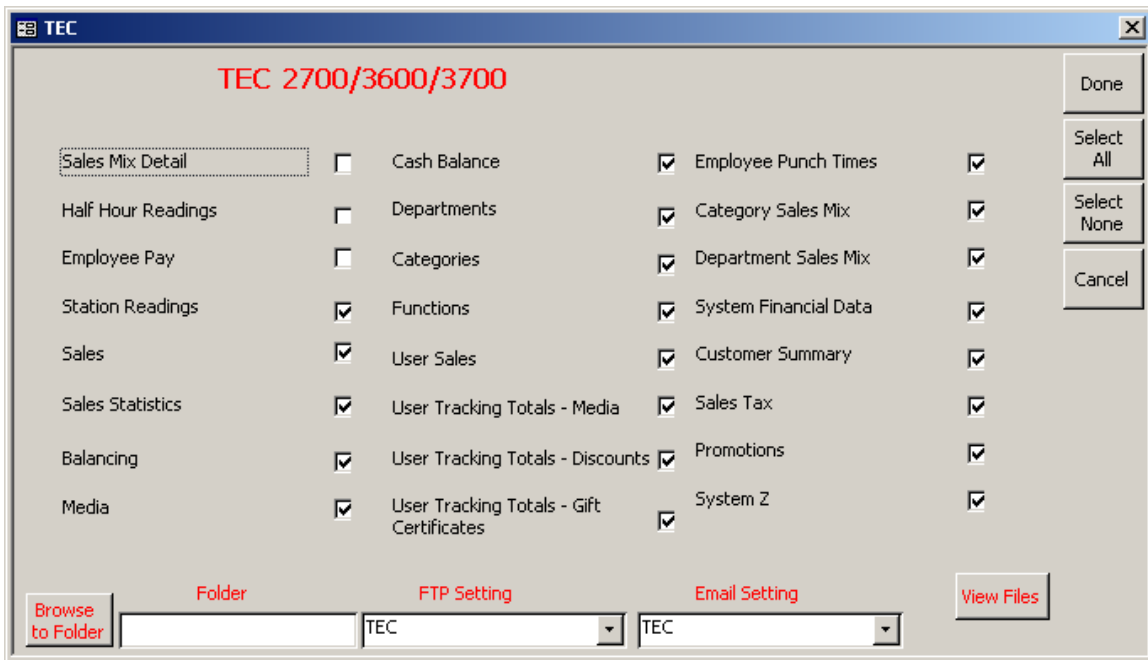


Illustration 34 Files available for the TEC 2700/3600/3700

TEC 3700 R4 Users

When you assign TEC 3700 R4 personality to a terminal, it is setup to possibly create the following reports. Each report is associated with one or more files. The association is not necessarily unique. The following are reports and associated files. The software is aware of required files and does not capture a file more than once.

Sales Mix	SALESMIX.TXT
Period Sales Activity	READINGS.TXT

Sales Totals	SALESTOTALS.TXT
Department Sales Report	DEPARTMENTRPT.TXT
Major Groups Sales	MAJORGROUPRPT.TXT
Media Sold	MEDIASOLD.TXT
Promotion Sales	PROMOSALES.TXT
Customer Summary Report	CUSTOMERSUMMARYRPT.TXT
Time Cards	TIMECARDS.TXT
Payroll	PAYROLLTOTALSZ2.TXT
Employee Media	EMPLOYEEMEDIA.TXT
Labor Analysis	LABORANALYSISZ1.TXT
Financial Report	FINANANCIALRPTZ1.TXT

The Sales Mix Report is captured in a form that allows sending on to other applications such as BSI Accounting Bridge, BSI Labor & Scheduling, or CookenPro.

Periodic Sales Activity is by the half hour.

Information for the TEC R4 terminal is the same for TEC 2700/3600/3700 except the files captured are not the same.

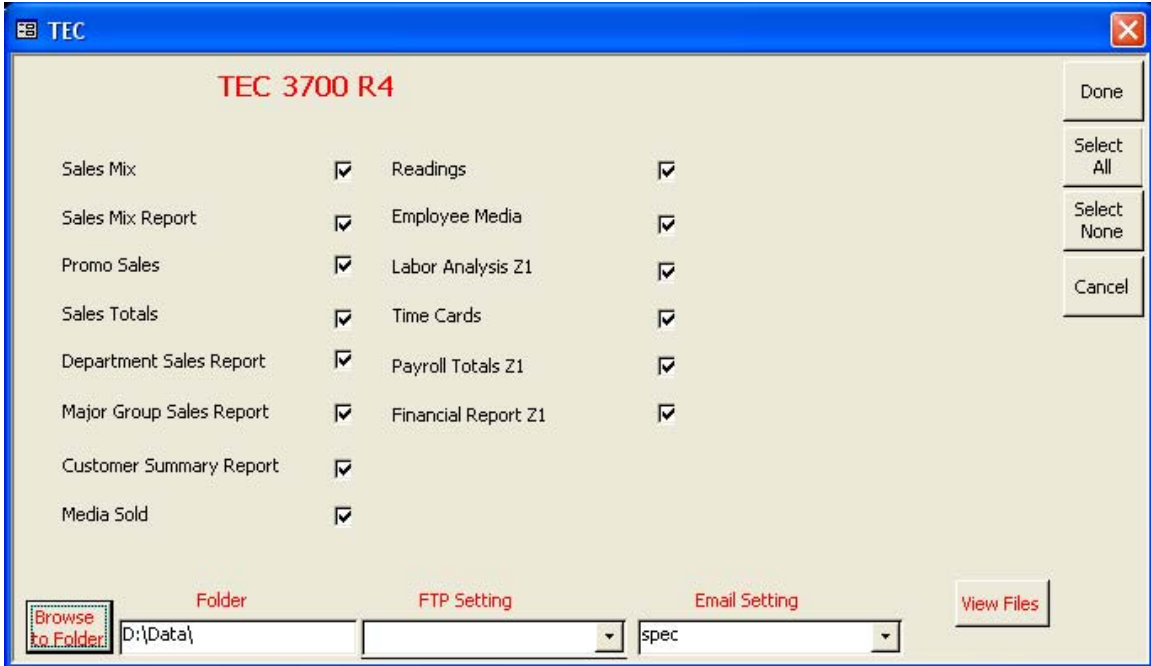


Illustration 35 Files available for TEC 3700 R4

TEC Crystal Point Users

When you assign TEC Crystal Point personality to a terminal, it is setup to capture CP text reporting and some information that can be captured, examined, and passed on to other applications. TEC CP personality assignment is divided into the two types of information and separate settings are available for each. Sales Detail and Period Employee Payroll are the two types of information that are captured in a form that allows sending on to other applications such as BSI Accounting Bridge, BSI Labor & Scheduling, or CookenPro. Specific files captured are

Sales Detail	fmnurec.csv
Period Employee Payroll	femprec.csv

Report Files captured have the same name as those pictured below, but have the extension “. REP” appended to each file.

Report Files on the PC

If the TEC Crystal Point files are located on the same PC as POS Store & Forward runs on, browse to the folder where they are located. When the TEC CP Personality is assigned,

the registers are automatically setup to capture selected files from the specified folder location.

Report Files on FTP Server

If the TEC Crystal Point files are located on an FTP server, select the FTP setting that you have previously setup to capture FTP information. When TEC CP personality is assigned, the FTP setting that you have chosen will be used as a template to create a setting for each individual file to be transferred. The naming convention for these additional settings is to append the dollar sign, “\$” and a sequential number. If you desire to change a setting and have it reflected for all TEC files, make the change to the template and reassign the TEC CP personality with the FTP setting template that you have modified. When you close the form or click the ‘Done’ Button, the changes will ripple through to each individual setting.

E-mail Forwarding

Use the e-mail specification that you select to forward reports to multiple forwarding locations. Separate each e-mail address with a “;” delimiter. When you select an e-mail specification and then close the form or click ‘Done’, all settings in the register are set to use the e-mail specification that you have selected. All files selected for a register are sent as an e-mail attachment in a single e-mail.

Crystal Point Reports		Crystal Point Files	
Menu Item Cost	<input checked="" type="checkbox"/>	REVENUE ALL-SYSTEMS	<input checked="" type="checkbox"/>
Menu Item Sales By Category	<input checked="" type="checkbox"/>	REVENUE--Bar	<input checked="" type="checkbox"/>
Menu Item Sales By Profit	<input checked="" type="checkbox"/>	REVENUE--Main Floor	<input checked="" type="checkbox"/>
Menu Item Sales By Qty	<input checked="" type="checkbox"/>	Server Sales	<input checked="" type="checkbox"/>
Menu Item Sales By Server	<input checked="" type="checkbox"/>	SVR Productivity	<input checked="" type="checkbox"/>
Menu Item Sales by TotRev	<input checked="" type="checkbox"/>	Table Turn Report	<input checked="" type="checkbox"/>
Menu Item Sales	<input checked="" type="checkbox"/>	Timepkg Summary	<input checked="" type="checkbox"/>
MGR Control	<input checked="" type="checkbox"/>	Version	<input checked="" type="checkbox"/>
Pay Period toDate timepkg	<input checked="" type="checkbox"/>	Void - Delete	<input checked="" type="checkbox"/>
Periodic Reading	<input checked="" type="checkbox"/>	Voided Item Report	<input checked="" type="checkbox"/>
Periodic Summary	<input checked="" type="checkbox"/>	Week toDate Timepkg	<input checked="" type="checkbox"/>
Folder: <input type="text" value="\\skate\SharedDocs\POSTes"/>		Folder: <input type="text"/>	
FTP Setting: <input type="text"/>		FTP Setting: <input type="text" value="Sample"/>	

Illustration 36 Files available for TEC Crystal Point Users

Setup Cheat Sheet

Setup is fast and easy. Use the following as a checklist for setup and do in the order of the checklist. It is assumed that installation has been completed. POS Store & Forward, POS

Store & Forward Reporting, and Microsoft .Net framework should be installed on your computer and visible in your 'add/remove' programs applet

- ✚ If more than one store is being setup, use the authorization program Barrington Software provided to authorize the number of store licenses that have been purchased.
- ✚ Enter the information for each store. Comm2K users must take care to insure that the store id matches the store id in Comm2K. Duplicate store ids are not allowed. Install the Datasym filter by clicking 'InstallTheDatasymFilter.exe' in your installation directory. The very first time stores are setup, first click the Datasym Filter icon on the desktop and then force capture of 13, 14, and 15 files prior to setting maintenance settings.
- ✚ Add each of the new registers by store by selecting the store and then adding register id and register name. Duplicate register ids within store are not allowed. No more information need be entered at this time.
- ✚ If required set up FTP Templates, one template for each register. Registers cannot share a template. Name the FTP templates something that will remind you of which register that the template will be assigned to, for example, TEC-1, COMM2K-1, etc.
- ✚ Set up email templates if required. Registers can share a template assignment.
- ✚ TEC users double-check POS Import Specs.
- ✚ If you are not getting your FTP files or part of your FTP files, make sure that you watch the status screen turn each 'Pending' transmission to 'Success' and if this does not occur with 3 to 4 minutes, push the re-send button.
- ✚ All users set system settings. Set data capture times and maintenance times. Maintenance time should not be before capture time. Set retention days. See the manual section on Settings for more information about retention times.