



Infor Distribution FACTS 7.8.0

Using FACTS

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About this guide

This guide describes workflow, concepts and procedures for using the Infor Distribution FACTS.

Intended audience

This guide is for FACTS end users, managers, in-house analysts, and trainers who require an understanding of the product and how to use it.

Related documents

You can find the documents in the product documentation section of the Infor Xtreme Support portal, as described in "Contacting Infor" on page 7.

For information about other Infor Distribution FACTS modules or basic usage information, see these other users guides in the Infor Distribution FACTS PDF Library. Access these documents from the bookmarks of this document: FACTSDocNavigation.pdf.

Contacting Infor

If you have questions about Infor products, go to the Infor Xtreme Support portal at www.infor.com/inforxtreme.

If we update this document after the product release, we will post the new version on this Web site. We recommend that you check this Web site periodically for updated documentation.

If you have comments about Infor documentation, contact documentation@infor.com.

Welcome to Infor Distribution FACTS

Infor Distribution FACTS leads the distribution industry with more than 4,300 installations.

Its suite of 22 highly integrated modules address the needs of distributors in the areas of Electronic Commerce, Asset Management, Financial Management and Customer Service.

FACTS ties together all of your business processes. Quotes convert easily into sales orders, while Purchasing gets automatic notification of any special order needs.

Key advantages

Immediate access to information. You are not required to memorize codes to locate information in FACTS. Using the search feature, you can quickly find and select information from a list, no matter how long it is. A variety of sort orders, filter options and multiple keywords help you pinpoint the information you need.

Maximum value, low cost of ownership. FACTS carries the lowest overall total cost of ownership in the industry. Technologies such as the Client Interface Service (CIS) and component -based architecture help keep hardware costs down and make it cost effective to customize the system to your company's needs.

Local Sales and Service. FACTS is supported by direct offices in selected cities and an unbeatable network of Authorized Affiliates located across the U.S. and Canada. With this team of more than 500 professionals dedicated to the success of FACTS in your business, we provide the best and most cost-effective local sales, service and support in the industry.

Signing on to FACTS

Users sign onto the system through a FACTS Sign On Screen.

Logging into FACTS

1 Simply enter your

- User Code
- Password

- Company Code

2 And then press **Enter** on the keyboard or click the **Sign In** button.)

Exiting the Sign on Screen

1 There are several ways to exit the Sign On Screen. You can:

- Press **F4** at the User Code field
- Press **Esc**
- Click the **End** button.

Additional functionality

In Sign on Screen, System Administrators, local FACTS personnel and other technical users can still get to the INSTALL menu and the BASIC prompt by clicking on the Infor® logo.

Click on the logo. In the entry prompt that appears, type

Install to access the INSTALL menu.

or

Basic to access the ProvideX command prompt for troubleshooting and modifications.

Navigating FACTS

The FACTS menu system is comprised of

- A header containing the system date and time, user and terminal ID, the program name and the FACTS logo, which disappears as you type in access codes.
- A navigation panel keeps the previous menu in view will you search through the system.
- The main screen, which displays submenus

The panel and main screen enable you to view two menus at once—the one you're currently in and the one directly after it.

When you first log into FACTS, the navigation panel displays the master menu or, if your System Administrator created one, a customized startup menu

Click once on a menu selection in the panel to see any available submenus. If the selection links to another menu, that submenu displays to the right in the main screen. However, if the menu selection links to a program (entry, file maintenance, report or inquiry), nothing appears in the main screen.

If you double click on a selection in the navigation panel, one of two things can happen:

- If the selection links to a program, the program opens.

- If the selection links to another menu, the menu appears in the navigation panel, taking the place of the previous menu. Depending on which selection is highlighted, another menu may appear in the main screen or the screen may remain blank.

The navigation panel also provides a BACK button, which works like **F4**. It takes you back to the menu immediately preceding the one that appears in the navigation panel.

While on the FACTS menu, you can select Help/About Infor ERP FACTS to see the details of which menus and programs are currently visible/selected.

Up to 4 pieces of information may be displayed, including:

- The menu that is currently displayed on the left side buttons, referred to as the "Button Menu"
- The menu or program associated with the button that is currently selected on the Button Menu, referred to as "Button Selected"
- The menu currently displayed in the task list displayed on the right side of the menu, referred to as the "Task List"
- The menu or program associated with the task that is currently selected in the Task List, referred to as the "Task Selected"

Access codes

To speed up access to different menus and programs, the FACTS system uses access codes as shortcuts to move around the system.

The following codes are preset for your convenience. Users can set up their own access codes in Program F/M (*System Management-->Menus-->Program F/M*).

The FACTS access codes for each module are:

AP Accounts Payable

AR Accounts Receivable

CS Counter Sales

EDI Electronic Data Interchange

EW Electronic Warehouse Management
System

FL FaxLink

GL General Ledger

IC Inventory Control

JC Job Cost

JS Job Stream

MC Manufacturing Control

MM Master Menu

OA Office Automation

PO Purchase Orders

PR Payroll

RW Report Writer

SA Sales Analysis

SM System Management

SO Sales Orders

SR Service and Repair

You can also access various master menus by combining the module access code with one of the following letters

I Inquiries

R Report

E End of Period

F File Maintenance

IF Infrequent File Maintenance

Tip: Also try combining module access codes with the selection numbers found on the character-based menus. For example, type AP1 to jump over to AP Document Entry (APE110).

Other handy access codes:

OE SO Order Entry

DI SO Direct Invoice Entry

CS SO Counter Sale Entry

CM SO Credit Memo Entry

II IC Item Inquiry

CI AR Customer Inquiry

Using the Online Help System

Welcome to the FACTS Online Help System, an old feature made new with state-of-the-art technologies. If the Help window seems familiar that's because we use a tri-pane window format similar to that used in Microsoft Explorer and Outlook.

The tri-pane window in the Online Help System consists of a:

- Button bar (top)
- Navigation pane (left)
- Topic pane (right)



Button bar

From the button bar, you can choose the following functions, listed left to right:

Hide to toggle the Navigation pane on or off.

Expand All to open all of the books of the TOC and display all of the topics.

Collapse All to close all of the topic in the books of the TOC.

Print to print the currently displayed topic.

Quick Search Text Box to enter the search word or phrase in the currently displayed topic.

Quick Search to highlight every occurrence of a search word or phrase in the currently displayed topic.

Remove Quick Search Highlighting to remove the yellow shading on every occurrence of the search word in the topic display.

Back to back up to the last topic you viewed.

Forward to display the next topic listed in the TOC.

Stop to end navigating the TOC and displaying topics in the main window.

Refresh to redisplay the topic listed.

Home to display to the first topic listed in the TOC.

TOC to display the TOC pane.

Index to display the index pane.

Search to display the search pane.

Browse to navigate the browse sequence (if any) for topics in a module.

Navigation pane

The narrow pane to the left of the screen contains the Contents (TOC) tab, Index tab, and Search tab.

Topic pane

This is where the selected help topic appears. If a topic extends beyond a Window, use the scroll bars to see the rest of the topic. Topics can contain graphics, links to other topics and links to external Web sites, such as the Nexus.

You can print topics to any Windows printer, and you can annotate them. This is a helpful feature for FACTS users who need to add company-specific information to a topic or just add their own general notes. Annotations are user specific.

In addition, you can bookmark topics. This feature is useful if you frequently need to refer to certain topics. Bookmarks also allow you to mark your place if you are interrupted.

Contents tab

The TOC tab in left pane is look up method that uses a Table of Contents presentation. Each book represents a separate module.

Click on a book to see all the topics it contains. You may notice that the topics are broken down into menus and programs, similar to the FACTS menu system.

Use this look up method if you are used to finding information with the table of contents in FACTS paper manuals or if you are following along with the FACTS menu system.

This method is also helpful if you know which program you are looking for and which module it is in.

Search tab

This navigation option provides a full-text search of the entire help system. If you have trouble locating a help topic in Contents and Index, try Search.

Once you enter the keyword or keywords you are looking for, the help system shows you a list of synonyms in the middle box and a list of help topics that contain your keywords and the synonyms.

Select a topic from the bottom box.

The default sort orders for Item, Customer and Vendor are now set to Alpha in all Inquiries and Searches.

Index tab

The index is one of the more popular methods of navigating through online help information.

The index contains a list of keywords, through which you can scroll.

If you have a keyword in mind, enter it in the field at the top of the list box.

As you type a keyword, the list box scrolls to find the closest match. Look not only at the topic highlighted, but also at the topics immediately underneath it to see if the help system found your topic.

Like any keyword search, you may find that it takes several tries to get to the topic for which you are looking.

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- The menu or program associated with the task that is currently selected in the Task List, referred to as the "Task Selected"

Using the FACTS Date Calendar

Date fields in FACTS can now display a calendar pop up window.

To display the calendar press Shift F2 in any date field.

Performing System backups

Your company's computer system represents a major investment, and this investment needs to be protected as much as possible.

You can protect your computer hardware through periodic preventive maintenance provided by your hardware vendor.

In a similar fashion, you can protect your software investment by performing routine backups. Think of backups as medical insurance: In the event of a catastrophic illness, it's great to have that safety net so you don't have to bear the entire financial burden.

We cannot understate the importance of system backups. If data is lost, through hardware problems or through user error, your backups usually can restore most of it. However, the work done between the time of the last backup and the data loss must be re-entered.

Obviously, the more frequent your backups, the less data you lose. For this reason, **we recommend that you backup your system every day.**

Recommended system backup procedures

We recommend that you backup on tape because it is faster and more reliable than diskettes.

Performing regularly scheduled backups provides insurance against loss of your computer information due to hardware failure, fire, electrical failure, user errors, theft or any other acts of God (tornado, hurricane, flood, lightening, etc.).

If loss or damage occurs, you can restore the copy of information on tape, back onto your computer system. Consequently, if you don't perform regularly scheduled backups, you risk having to re-key an extensive amount of information.

PLEASE BACKUP YOUR SYSTEM DAILY.

As soon as your system is installed, establish a backup procedure. Discuss the procedure with your local FACTS office to make sure the procedure is satisfactory.

Make sure the procedures are in place before anyone begins entering data so that you can backup additions and changes made to any data files.

Backup types

Your computer system stores different types of information. Depending on the type of computer system installed, you will have an operating system, a language, application

programs, data, and other miscellaneous software installed (i.e. Third Party Products, word processing software and documents, spreadsheets, etc.)

Make sure you backup the following types of information:

- FACTS Data (your company files such as the customer files, item files, etc.)
- FACTS Programs and Data
- Full System (all of the information above plus the operating system, language, word processing software, spreadsheet program, etc.)

Frequency of Backups

Remember restoring any backed up files only returns your system to the state it was in when the backup was made.

The following table illustrates our recommendation for backup frequency:

Backup Type	Frequency	Backup Rotation
Data	Daily	5 sets - one for each week of the month (one set=one tape/day)
Programs & Data	After any software enhancement, upgrade, bug fix, file restructuring or, Minimum of once a month monthly; run prior to end-of-period processing	3 sets (one set=one tape/month)
Full System	Weekly plus Before and after a software upgrade	5 sets - one for each week of the month (one set=one tape/week)

Note: The above recommendations pertain to FACTS backups. If you have other third party programs that work with FACTS, or other productivity programs such as word processing or spreadsheet software, make sure you backup these programs and data as well.

Scheduling

Once you have planned the *type* and *frequency* of your backups, establish a schedule (day and time) for making backups and adhere to the schedule. Give your users advanced warning about the schedule so they can plan accordingly.

We recommend that all users sign off the system before backup begins. Try to perform backups first thing in the morning or at the end of the day.

Backup Rotation

Backup rotation requires that you keep multiple sets of backups and that you alternate their use at regular intervals. If you encounter a problem with a backup, do not use the previous backup tape or device, use a new tape or device and label it to avoid confusion at the next backup.

The schedule below illustrates a recommended backup schedule with rotation for a business with a five-day work week.

Caution: Separate your backups according to backup type. **DO NOT MIX BACKUP TYPES ON THE SAME TAPE or BACKUP DEVICE!!**

After the backup

First and foremost, **verify** that the backup actually happened.

Many systems ship with backup scripts that verify the tape after the backup has been performed. Some suggested methods of verification:

Set up a UNIX script that creates an extra file. Make sure it's the first file on the backup. This file should contain the time and date stamp of when the backup was performed. This gives you at-a-glance verification.

Set up a script to send UNIX mail to root. Set it up so that the message contains a list of files that were written to the backup. The System Administrator can compare the "backup" mail each day and against the actual backup to make sure the two reconcile.

Look for a file with the current time and date. When a UNIX system writes to a file, it normally updates the time and date stamp on that file. For example, say a user entered new customers (ARCUST) to the system prior to the backup at the end of business Friday, July 1. If the date on ARCUST is Friday, July 1, the backup was successful.

Labeling

Make sure you develop a system for labeling backups to prevent overwrites.

Off-Site Protection

Store your backup tapes or devices off-site. This provides an additional level of protection from natural disasters. At the minimum, store your weekly and monthly backups off-site.

Backups D1a - D4a

Labeled Monday through Thursday. Used for daily backups. Make sure you have 5 sets for a maximum of 5 weeks in a month.

Next month, rotate back to D1a through D4a, D1b through D4b, etc.

Backups W1 - W5

Use these for weekly *full system* backups. Schedule these for Friday of each week, preferably after regular business hours.

When all five backups have been used, rotate back to W1.

M1, M2 and M3 (not shown)

Indicate monthly backups. Schedule monthly backups for the beginning of the month.

When you've used all three backup tapes or devices, rotate back to M1, keeping three complete sets of backups.

Using File Maintenances

File maintenance programs create the foundation of the FACTS system. They enable users to enter file information (such as customer, item and vendor files) and control how the system processes information, as in SO Static Control.

If you attempt to exit a file maintenance program without saving your changes FACTS displays a message asking if you want to exit without saving your changes.

Often called F/Ms for short, these programs often function the same way.

What do you want to know

How to use file maintenance programs

More about the types of file maintenance programs

Using file maintenance programs

To add a record (in multi-record F/Ms only):

- 1 To create new record, press **New**.
- 2 Enter a unique code. These are usually alphanumeric and their lengths vary from program to program.
- 3 Complete the fields. Some file maintenances contain several tabs of fields. As you finish entering information on one tab, the program automatically advances you to the next one.
- 4 When you complete all the fields, press **Save**. To exit the program and return to the main menu, press **Exit**.

To edit a record:

- 1 To edit an existing record, enter the record code.
- 2 Press **Edit** and modify the necessary fields.
- 3 When you complete all the fields, press **ave**. To exit the program and return to the main menu, press **Exit**.

To delete a record:

- 1 To delete an existing record, enter the record code.
- 2 After you display the desired record, you can press **Delete** to remove it. Choose **Yes** to confirm.

To browse records:

In a multiple-record file maintenance, press **F3** to bring up the first record on file or enter a code.

Types of file maintenance programs

File maintenances primarily come in two flavors:

- Single record
- Multi-record

Single-record F/Ms

File Maintenance programs that fall into this category consist primarily parameters that affect the behavior of other programs and entries throughout the system.

A FACTS Implementation Consultant usually sets these file maintenances up during the system installation and configuration. These file maintenances are crucial the way your system operates.

Because of the impact they have on the system, users should not change any of the settings in single-record F/Ms without consulting the company's System Administrator or a representative at the local FACTS office.

Static and Mosaics Control F/Ms found in each of the modules are examples of single-record F/Ms.

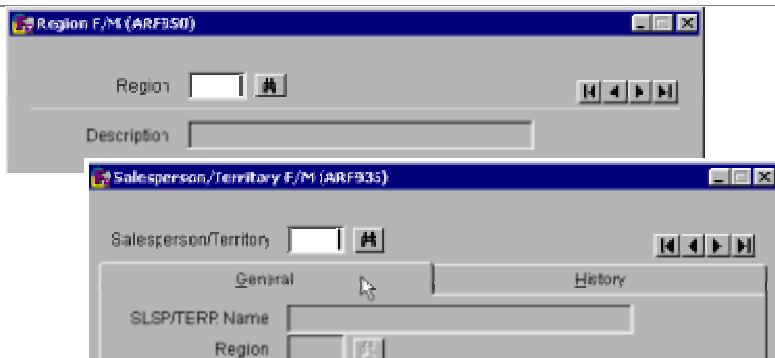
Multi-record F/Ms

These programs enable users to enter and maintain multiple records in the system. For example, Customer F/M lets you create a file for each customer containing general information — such as address and contact information — in addition to details — such as tax-related data and shipping preferences.

When you create a record in this type of FM, the record is given a unique identifier called a key. In some cases, FACTS can automatically assign keys, or users can assign keys manually.

Fields that require you to field a key in a multi-record F/M are always differentiated from other fields on the screen.

The field where you enter the key is set off from other fields by a rule or, in large F/Ms, by a set of tabs.



Static File Maintenances

Information in these file maintenances stays the same until a user changes them. Each module has its own Static Control F/M.

Static Control F/Ms for each module reside on the Infrequent File Maintenance menus.

Nonstatic File Maintenances

Like Static Control F/Ms, each module has its own Nonstatic Control F/M and they are not often used in day-to-day operations. However, the system continually updates some or all of the information in these file maintenances.

Nonstatic Control F/Ms for each module reside on the Infrequent File Maintenance menus.

Using inquiries

Syncing and opening views as separate windows

Inquiries are similar to searches in that they enable you to look up information stored in the system. However, inquiries provide much more in-depth information than searches.

Sync! You may find it helpful to have inquiries open while you are working in entry programs so you can view information as you enter invoices, orders, purchase orders, etc. If you are entering purchase orders, for example, it may be beneficial to have the Vendor Inquiry program open at the same time.

The following applies only to IC Item Inquiry, AP and PO Vendor inquiries, GL Account Inquiry, AR and SO Customer inquiries.

1. Look up the record on which you want to inquire by selecting Open to access Search screen and then entering the value in with the Go To field.

In the Vendor Inquiry, for example, enter a vendor number, alpha lookup or beginning characters of a vendor's name.

You do not need to press the **Enter** key to select your inquiry focus. Highlight the desired line item. Some inquiries offer multiple sort orders, which can be accessed from the *Sort By* menu option.

Select the Change Filters button if you want to limit the number of records that appear in the inquiry browser. You can also access filters by choosing *Options-->Filter Values* from the menu.

Press **CTRL + -->** or the horizontal scroll bar to scroll horizontally to view additional inquiry browser record information.

2. Select an inquiry view.

To select a view, press **Shift + >** and **Shift + <** to change the view to the left or right. You can also choose a view option from the view bar by using the << (left) and << (right) arrow keys on the screen or select *View* from the menu bar and select a view from the dropdown menu.

In Inquiry programs, the list of views is in the tab order; tabbing from the main selection field of any inquiry will take you to the view list, and you can use the arrow keys to navigate through the views.

The Previous/Next/Search buttons at the top right corner of the Inquiry window are also in the tab order. The buttons are accessed with a Shift-Tab from the view list.

If line detail is available, select a line and choose the **Line Detail** button or double click the icon at the beginning of the line.

Filtering views: In some inquiries, such as PO Vendor Inquiry, GL Account Inquiry and IC Item Inquiry, views can be filtered by warehouse, beginning period, item type and ship-to address.

To filter views: Select *Options-->Filter views* from the menu.

Using the Sync feature and Open Views as Windows

Sync is a method of connecting the entry programs with information displayed in customer, item and vendor inquiries. It is a helpful feature because it enables you to get real-time information such as customer balances, vendor balances and warehouse quantities, while you are working in entry programs.

You can initiate Sync from the following programs:

- SO Customer Inquiry (SOI610)
- AP Vendor Inquiry (API610)
- AR Customer Inquiry (ARI610)
- IC Item Inquiry (ICI610)

Inquiries are synchronized on a per user basis. In other words, if you are signed on to FACTS in one window with one name and signed on in another window with another name, it will appear as if the Sync function is not working.

To use Sync:

Technical note

- While Sync mode is activated, the inquiry program will examine a file called SMUSED approximately every three seconds. This file contains the last customer number, item number and vendor number input in Sales Order Entry. If this number is different than the one currently being displayed in the inquiry, the inquiry will change its display to show information on this new customer, item or vendor.

- 1 Open the inquiry and entry programs you want to use.
- 2 In the inquiry window, select the Options->Synchronized Inquiry menu option.
- 3 At this point you can choose to view information from the main inquiry window, or you can open views as separate windows.

To open a view as a separate window, first select it and then choose Options-->Open View as Separate Window. To open additional view, repeat these steps.

- 4 Minimize the main inquiry window and, if necessary, arrange the separate view windows on your screen. (The next time you open this inquiry, FACTS will open the same views in the same position in which you placed them.)
- 5 **To turn off the Sync feature press the End Sync button.**

Inquiry features at a glance

Inquiries arrange data into different views so you stay on top of your job. Whether you're analyzing data or entering orders, inquiries get historical information working for you quickly.

Users can

Open Inquiry views in separate windows from the main Inquiry window.

Take advantage of last-open memory, which remembers the last views used and their arrangement on screen (if opened in separate windows).

Define favorite views so they are easy to access.

Activate Smart Views so the system can track which views they use the most. Views with the most "hits" go to the top of the menu and the beginning of the View Bar.

Use multiple sort orders, filters and keywords to find needed information quickly.

Sync with other programs in FACTS, particular order entry programs so they can see needed data while working in the order screen.

Disable Views for basic Inquiry functionality.

Restrict groups of users from seeing entire views or individual fields containing sensitive information (technical users only).

Add custom views (technical users only).

The default sort orders for Item, Customer and Vendor are now set to Alpha in all Inquiries and Searches.

Setting Inquiry Preferences

Inquiry preferences are similar to search preferences. This function lets you personalize certain inquiry functions that relate for finding records

Choose *Options-->Inquiry Preferences* from the menu bar to access preferences.

- Choose the search order that you want to default to when you open the inquiry.

Check the **Save as User Defaults** flag to save settings as your user defaults.

- Choose which filters you want to appear in the Filters window.

Select **Column Headers** to rearrange the search (top) browser column headers in the order you wish to see them.

To reset preferences and filters to the system defaults, choose **Options-->Reset to System Defaults**.

Customizing column headers

The Display Choices window shows the column headers that are available for display. The column headers that actually appear and the order in which they appear are shown in the Current Information box.

To change the order in which column headers appear for the sort order selected:

- 1 Make sure you have the right sort order selected in the Inquiry Preferences window (*Options-->Inquiry Preferences*).
- 2 Choose **Column Headers**.
- 3 Highlight the column header you want to move and choose the single left arrow button to move it to the Display Choices box.
- 4 In the Current Information box, select a column header and choose the single right arrow button. This inserts the column header you are moving above the one you selected.
- 5 Repeat steps 2 and 3 until the column headers are ordered the way you want them.
- 6 Use the double arrow buttons to move the entire list of column headers to one side or the other.
You can also lock a number of columns so they remain in place as you scroll horizontally in the browser.

Setting view preferences in FACTS Inquiries

Inquiries such as Item Inquiry include close to 25 views. You can use the View Preferences option in each inquiry program quickly access the views you use most and hide those you don't use at all.

View preferences are user- and program-specific, which means the preferences you set in Item Inquiry will not affect the View order in Customer Inquiry, nor will they affect another FACTS user running Item Inquiry.

The favorites set in View Preference are prioritized over Smart Views.

To set favorites:

- 1 Select *Options-->View Preferences*.
- 2 Choose the view in the list box and check **Favorite**.
- 3 Repeat the first two steps to set more views as favorites.
- 4 Choose **OK** when you are done to return to the main inquiry window.

The views you set as favorites appear at the top of the view menu and the beginning of the view bar in the order you select them.

To hide views:

- 1 Select *Options-->View Preferences*.
- 2 Choose a view in the list box and select **Hide**.
- 3 Repeat the first two steps to hide additional views.
- 4 Choose **OK** when you are done to return to the main inquiry window.

Smart Views

Use this feature in FACTS inquiries to help you quickly access the views you use most. With smart views on, FACTS tracks which views you use most often and places them at the beginning of the *View* menu and the view bar.

The system determines your favorite views by tracking how many times you hit (or select) a view.

Tip: You must be in a view for at least five seconds for it to count as a hit. That prevents FACTS from mistaking views that you quickly flip through as favorites.

- When Smart Views are on, FACTS prioritizes your favorite views in the following order:
- Views you marked as favorites in the View Preferences window.
- The number of Smart View hits in descending order.

The view order set in the SMVIEW Developer's Tool by your local FACTS Affiliate.

To use Smart Views:

- 1 Choose *Options-->Smart Views*. To turn Smart Views off, choose *Options-->Smart Views* again.
- 2 Choose *Options-->Reset Smart Views* to remove any previously stored hits and start over.

Filters

Filters work much like Restrictions, which were used in older versions of FACTS. They help you narrow down your searches more quickly.

Entering notes in inquiries

Notes are useful for documenting miscellaneous information about each vendor, item, customer document, or account used in FACTS.

For the inquiry programs listed below you can add or modify notes via *Options-->Item Note Entry*, *Vendor Note Entry*, or *Customer Note Entry* menu option as appropriate:

AR Customer Inquiry (ARI610)

AP Vendor Inquiry (API610)

Item Inquiry (ICI610)

PO Vendor Inq (POI610), SO Customer Inq (SOI610) –

PO Document Inquiry (POI620)

The system displays the Note Entry (SME710) program. Refer to the How to enter and maintain notes for AR documents, customers, items, or vendors topic for step-by-step instructions.

Using Reports

There are three types of reporting programs in FACTS.

Report programs print information in a specific format, but they do not update the system. An example is the Open Receivables Report, which lists all the open receivables in the system along with other information. Print programs output to forms, such as checks, 1099s, invoices, purchase orders, bills of lading, etc.

FACTS Report Formatter

The Report Formatter brings more flexibility, convenience and functionality to FACTS reports by allowing you to customize changes to FACTS report output without the modification of standard code. FACTS Report Formatter allows you to expand their report output options in a variety of ways to further enhance the way they gather information from FACTS.

The Report Formatter also allows you to print to more than one output for each instance of a report. For example, a report can print to Excel, the viewer, and to a printer all in one print run. To access the multiple output feature simply choose the **Multiple** option from the Print Options screen.

The FACTS Report Formatter also supports supply chain management needs by providing report output to XML. You can print directly to a TCP/IP port or to a file with customized XML tags for each supply chain partner.

Those reports that use the Report Formatter can take advantage of new output types. Properly configured, you can print reports to:

- Excel
- XML (Can print to TCP/IP port)
- ASCII Delimited (Can print to TCP/IP port)
- Other (Programmer defined)
- HTML to a file

You can manage security concerns for the Report Formatter by placing a security code on any field to prevent it from printing on the report for unauthorized users.

Setting Up General Ledger Breaks for Report Formatter

When setting up GL breaks in Trial Balance Total Breaks F/M (GLF960), each set of Total Group GL breaks must include the entire range of GL numbers. For example, if you have GL numbers that range from 1000 to 4000 and want to enter a break at GL number 2500 for Total Group 1, you must also enter another break for Total Group 1 that would include the highest GL number, in this example, 4000. The same is true for any Total Group entered. So, if you enter a break for Total Group 2 that ends at GL number 2000, you would need to enter another break for Total Group 2 that ends at or beyond GL number 4000. Failure to enter the breaks as described will result in formatting problems with the report. Note that prior to this report being converted to use the Report Formatter, the above requirement did not apply. This requirement is a result of limitations introduced by the Report Formatter.

FACTS Report Registers

Registers print information and then provide an optional update, which posts the register information to the appropriate files. For example, after invoices are printed, they print on the SO Daily Sales Register. If you update the register, the invoices then post to the open receivables file, sales tax file, etc.

Most report, print and register programs allow you to

- Select the **order** in which you want the information to print,
- Set a **range** of information to print and
- Edit **properties**, which vary with each report.

For example, the AR reports give you the option of printing in customer number, alphabetical, salesperson/territory or customer class order. If you choose to print a Customer Listing in customer class order, the report will sort and print all of the customers by class.

Once you select an order you can then choose the **beginning** and **ending order** that you want to print. The system always defaults to FIRST and LAST. These two fields enable you to filter your report by entering ranges. You can select F2 to search for order values for your report.

In the Customer Listing example, you could enter **Retail** for beginning class order and **Retail** for ending class order to generate a report listing just your retail customers.

In addition to order and range, all reports and prints have a variety of properties that enable you to fine tune your reports.

Once you have answered all the questions in the report, click **OK** or press **Enter**.

Most FACTS reports print in 132-column paper (11 ½ x 14 inch paper). However, some reports, such as the Chart of Accounts, print on 80-column paper (8 ½ x 11 inch paper).

The END OF FIELDS statement indicates where 80-column paper may be used.

The following information appears on each page of all reports, except GL financial reports:

- the time and date the report was printed
- the user
- the terminal from which the report was run
- company name

- report name
- program name
- page numbers
- sort order
- beginning and ending range

Reports and Prints Menu Options

Many reports and prints programs contain the following menu options:

Template

Select—Allows you to select a template for the report. Refer to the Selecting existing templates topic for more information.

Save Entries—Save the current template settings for the report. Refer to the Creating system templates or Editing the order, range and properties stored in templates topics for more information.

Create—Allows you to create a template for the reports. Refer to the Creating system templates topic for more information.

Properties—Allows you to set printer properties for the template used by the report. Refer to the Setting printer properties in templates topic for more information.

Clear—Clears the settings for the template and resets it back the report's original default values. Refer to the Clearing a template topic for more information.

Print Options

Properties—Allows you to select the type of output device to which the report should print, select or deselect beginning and ending form feeds and adjust the number of lines in the top and bottom margins. Refer to the Using print options in reports and Setting a default printer using templates topics for more information.

Note: If the report is configured to use the FACTS Report Formatter and more than one print or output option exists for the report, the system displays the Multiple Output Selection screen instead of the Print Options screen.

Custom Report Layout

(For reports with the FACTS Report Formatter feature enabled.)

Customize Report—Allows you to customize the report by specifying a format and creating custom report layouts.

Security—Allows you to manage security for each field on the report. You can set fields to be permanently hidden and lock fields with a security code. (The Security menu option can only be administrated by a user that is set up as a Reports administrator. Changes made are effective for all users.)

Report Features at glance

It's easy to run the Reports you need in FACTS. System and personal templates help save time and printer options give you control.

Set up an unlimited number of personal templates. Templates allow you to save a combination of entries for later use.

Select, edit or delete templates. You can also change template properties, including printer settings.

The system saves the last nine templates you've used in the Options menu for easy access.

Set up and manage system templates that all FACTS users can access (requires security codes).

Print reports to FACTS printers, viewers, flat files, VSI-FAX and Archive.

Select or deselect beginning and ending form feeds as needed.

Control number of lines in report margins

Setting the Default Printer (SMR999)

Use the Set Default Printer program to set the default printer for the specific report. This setting is specific to the user that set it and company in which the user is working. In the My Default Printer field, enter the printer id that you want to use as the default. Press F2 to search. The program displays the system-wide and company-wide printers if they are set.

Using print options in reports

On each report, you can select the type of output device to which the report should print, select or deselect beginning and ending form feeds and adjust the number of lines in the top and bottom margins.

Print options can be set each time you run the report by selecting *Print Options-->Properties*.

To save time, you can also save print options in templates. For instance, you can create one template so a report outputs to a printer, create another template so the same report outputs to a Fax and then create a third template so the report outputs to the viewer so you can preview it on screen.

Fields for Print Options

1. Print to option

In FACTS, you can output reports to a printer, viewer, flat file or you can output to other software packages, such as VSI-Fax or Archive.

Printer gives you access to any of the FACTS printers set up in Printer F/M and any of the outputs set up in Output Options F/M. Select the printer or output option from the dropdown list or search for available printers.

Viewer enables you to review a report on screen. The Viewer is also equipped with print capabilities, as well as a clipboard feature.

File lets you print the report to a flat file format. This enables you to import report information into other software programs such as spreadsheets, databases, word processors. You can also attach the flat files to e-mail messages. FACTS automatically saves flat files to pvx\fileprt on your local drive. To save the file elsewhere, enter a directory path in front of the file name. For example, C:\My Documents\agedtrial1.txt. or [WDX]C:\My Documents\agedtrial1.txt. (for Windx connections).

Fax sends the report information to VSI-FAX, giving you desktop faxing capabilities. This option is only available on systems using the Faxlink module. If you have questions about this feature, contact your local FACTS Affiliate.

Archive is only available on systems using Archive™ software by Designed Data Systems, Inc. This is an on-line storage and retrieval system that lets you automatically build a library of important documents.

2. No. Copies

Enter the number of copies to print of the report. You can specify the number of copies for any output except fax, email and Archive.

3. Layout

From the personal custom layouts and system layouts that are available. Custom Layouts can be chosen when the report is run from the Print Options or the Multiple Output Selection and can be saved into Templates.

Margin Settings

4. Top Margin

Enter the number of lines in the top margin. All FACTS forms print 53 lines per page by default, leaving a top and bottom margin of 5 lines each. You can adjust the number of lines in the top and bottom margins from 0 to 20. The default is 5. Keep in mind that if you increase or decrease the number of lines in the margin, the number of lines in your report will inversely decrease or increase.

5. Bottom Margin

Enter the number of lines in the bottom margin. All FACTS forms print 53 lines per page by default, leaving a top and bottom margin of 5 lines each. You can adjust the number of lines in the top and bottom margins from 0 to 20. The default is 5. Keep in mind that if you increase or decrease the number of lines in the margin, the number of lines in your report will inversely decrease or increase.

5. Begin report with a form feed

Indicates to the system that you want to print a blank form at the beginning of reports.

6. End report with a form feed

Indicates to the system that you want to print a blank form at the end of reports.

7. Multiple option

Use the Multiple option to display the Multiple Output Selection screen. For each output, you can choose the type of output and any applicable information, like Printer Number, File Name, Number of Copies, Standard or Custom Layout (see Custom Layouts below), and margin and form feed preferences.

Viewing reports on screen

The Viewer enables you to review report information on your terminal or screen. Viewers help you control paper by allowing you to preview a document before you print it.

The vertical scroll bar in the graphical viewer enables you to move the selected page up and down within the window. It does not allow you to scroll through the entire document. Use the VCR buttons or the Page input to access various pages within a document.

Starting the viewer. Make sure you select viewer in *Print Options-->Properties* or the template selected prints to the viewer. Run the report and click **OK** when the program displays a dialogue box that says End of Report.

Once you click **OK**, the viewer automatically opens.

Exiting the viewer. Select *File-->Exit* from the menu bar.

Viewer Menu Bar



Opens another document in the viewer.



Saves the document as a report file.



Saves the document as a PDF file.



Printing from the viewer. Click the Printer button in the menu bar or select *File-->Print* from the menu. Select a printer and number of copies from the Print dialogue box.



Using the Find feature. To locate a specific date, description or other piece of information in a report, click the Find button or select *Edit-->Find* from the menu bar.



View single page format.



View the report in a 2 pages-per-viewing-area format.



View the report in a 2 pages-per-viewing-area in a book-style format.



View the report in a 4 pages-per-viewing-area format.



Fit the report to the page width of the viewing screen.



Fit the report page to the window.



Magnifying the report. If the type appears too small on the screen, click the plus button or select View-->Zoom In. To reduce magnification, keep clicking the minus button or select View-->Zoom Out. You can also enter any Zoom percentage from 1 to 400%. You can also enter a specific page number in the **Page** field located in the menu bar



View Banner Information--file properties, such as title, file name, user name, and creation date.

Using report templates

Access template features by choosing the *Templates* menu in a report, print, register program.

The template feature allows you to save a combination of entries so that you don't have to reselect them every time you run the report. Each user can create an unlimited number of templates in any FACTS report.

Templates that store "current period" (or similar values like "system date") resolve to the "current period at the time the report is run" rather than what the "current period" was at the time the template was created. For example: If you save a template for the Cash Receipts & Adjustments Register and select "System Date" for the Date field, when that template is selected to run again (either manually or via Job Stream) the current date is determined using the FACTS system date when the register is run not the date when the template was created.

Once you create templates, you can edit them, delete them or change their properties.

In the Template Properties window, you can change the name of a template, set it as your default template for that report, set up a default printer for that template, select or deselect beginning and ending form feeds and modify report margins.

The system remembers the last nine templates used and displays them at the bottom of the *Templates* menu for faster access.

Both user-specific and system templates are specific to the report in which they are created.

Creating user-specific templates

- 1 On the main report screen, set up the report order, range and properties. Select a printer by choosing *Print Options*, if necessary.
- 2 Select *Template-->Create* from the menu bar. The system displays the Creating Template for the accessed report.
- 3 In the Title field enter the name of the template. Template names can be up to 35 characters long. Make sure the System Template option is not selected. Click **OK**.
- 4 Select the System template checkbox to indicate this template is available throughout the system. System templates are available to any user that has access to the report in which it is created; however not all users can create system templates. Users must have the export security code in their user code profile.
- 5 Select the Default template checkbox to indicate this template is the default to use for this report.
- 6 For the Print to option select the output type for the template. In FACTS, you can output reports to a printer, viewer, flat file or you can output to other software packages, such as VSI-Fax or Archive. Select from:
 - Printer** gives you access to any of the FACTS printers set up in Printer F/M. Select the printer from the dropdown list, or press F2 to search for available printers.
 - Viewer** enables you to review a report on screen. Both the graphical and character viewers have search and scrolling capabilities. The Viewer is also equipped with print capabilities, as well as a clipboard feature.
 - File** lets you print the report to a flat file format. This enables you to import report information into other software programs such as spreadsheets, databases, word processors. You can also attach the flat files to e-mail messages. FACTS automatically saves flat files to pvx\fileprt on your local drive. To save the file elsewhere, enter a directory path in front of the file name. For example, C:\My Documents\agedtrial1.txt.
 - Fax** sends the report information to VSI-FAX, giving you desktop faxing capabilities. This option is only available on systems using the FaxLink module. If you have questions about this feature, contact your local FACTS Affiliate.
 - Archive** is only available on systems using Archive™ software by Designed Data Systems, Inc. This is an on-line storage and retrieval system that lets you automatically build a library of important documents.
- 7 In the Margin Settings section of the screen, enter the number of lines in the top and bottom margins for the **Lines Margin**. All FACTS forms print 53 lines per page by default, leaving a top and bottom margin of 5 lines each. You can adjust the number of lines in the top and bottom margins from 1 to 20. The default is 5. Keep in mind that if you increase or decrease the number of lines in the margin, the number of lines in your report will inversely decrease or increase.
- 8 Select the Begin report with a form feed to indicate to the system that you want to print a blank form at the beginning of reports.
- 9 Select the End report with a form feed to indicate to the system that you want to print a blank form at the end of reports using this template.

Creating system templates

Follow the same steps for creating user-specific templates, but select the System Template option. System templates are available to any user that has access to the report in which it is created; however not all users can create system templates. Users must have the export security code in their user code profile.

Setting a default printer using templates

- 1 Choose *Print Options-->Properties* from the menu.
- 2 Select the printer you want to use as your default and click **OK**.
- 3 Choose *Template-->Create* if you want to create a new template, or if you have a template selected, choose *Template-->Save Entries*.

Selecting existing templates

- 1 Select *Template-->Select* from the menu bar.
- 2 In the Report Templates window, select the template you want to use.
- 3 Click **OK** (or CR). The name of the template appears on the bottom of the main report screen.

Setting a default template

You can flag a template so it is selected every time you open the report.

- 1 Select *Template-->Properties* from the menu bar.
- 2 In the Template Properties window, select the **Set as Default Template** option.
- 3 Choose **Save**.

Clearing a template

This feature enables you to reset a template back the report's original default values. When you clear templates, *None* appears under the Template header at the bottom of the window, indicating that a template is not selected.

- 1 Select *Template-->Clear*.
- 2 Once you clear a template, you can:
 - select it again (*Templates-->Select*) and reset the order, range properties and printer, or
 - delete it.

Deleting a template

- 1 Choose *Template-->Properties*.
- 2 Select the template from the list box in the Report Templates window and choose **Delete**.

Changing a template name

- 1 With the template selected, select *Template-->Properties* from the menu bar.
- 2 In the Properties window, type the new template name.
- 3 Click **OK**.

Editing the order, range and properties stored in templates

- 1 Select the template if it's not selected already.
- 2 Change the order, range or properties on the main screen.
- 3 Select *Templates-->Save Entries* from the menu bar.
- 4 A dialog box will appear confirming the changes. Click **OK** to return to the main screen.

Setting printer properties in templates

Each template can have its own printer properties so that you don't have to set them each time you print the report. However, you can override the template print options on a print-by-print basis by selecting *Printer Options* from the main report window.

- 1 With the template selected, choose *Templates-->Properties* from the menu bar.
- 2 Set the print options in the lower portion of the window.
- 3 Click **OK** to return to the main report window.

Using the Multiple Output Selection Screen

Use the Multiple Output Selection Screen to choose the type of output and enter any applicable information, like Printer Number, File Name, Number of Copies, Standard or Custom Layout (see Custom Layouts below), and margin and form feed preferences for each output you select.

When you select the **Multiple** button on the Print Options screen, the system displays the selected Print To option information as the default in the upper portion of the screen.

Note: If a FACTS report program is configured to use the FACTS Report Formatter and more than one print or output option exists for the report, the system displays the Multiple Output Selection screen instead of the Print Options screen.

To modify this information, highlight the Print to option in the browser in the lower portion of the screen and edit. .

Fields for Multiple Output Selection

1. Print to option

In FACTS, you can output reports to a printer, viewer, flat file or you can output to other software packages, such as VSI-Fax or Archive.

Printer gives you access to any of the FACTS printers set up in Printer F/M and any of the outputs set up in Output Options F/M Select the printer or output option from the dropdown list to search for available printers.

Viewer enables you to review a report on screen. The Viewer is also equipped with print capabilities, as well as a clipboard feature.

File lets you print the report to a flat file format. This enables you to import report information into other software programs such as spreadsheets, databases, word processors. You can also attach the flat files to e-mail messages. FACTS automatically saves flat files to pvx\fileprt on your local drive. To save the file elsewhere, enter a directory path in front of the file name. For example, C:\My Documents\agedtrial1.txt. or [WDX]C:\My Documents\agedtrial1.txt. (for Windx connections).

Fax sends the report information to VSI-FAX, giving you desktop faxing capabilities. This option is only available on systems using the Faxlink module. If you have questions about this feature, contact your local FACTS Affiliate.

Archive is only available on systems using Archive™ software by Designed Data Systems, Inc. This is an on-line storage and retrieval system that lets you automatically build a library of important documents.

2. No. Copies

Enter the number of copies to print of the report. You can specify the number of copies for any output except fax, email and Archive.

3. Layout

From the personal custom layouts and system layouts that are available. Custom Layouts can be chosen when the report is run from the Print Options or the Multiple Output Selection and can be saved into Templates.

Margin Settings

4. Top Margin

Enter the number of lines in the top margin. All FACTS forms print 53 lines per page by default, leaving a top and bottom margin of 5 lines each. You can adjust the number of lines in the top and bottom margins from 0 to 20. The default is 5. Keep in mind that if you increase or decrease the number of lines in the margin, the number of lines in your report will inversely decrease or increase.

5. Bottom Margin

Enter the number of lines in the bottom margin. All FACTS forms print 53 lines per page by default, leaving a top and bottom margin of 5 lines each. You can adjust the number of lines in the top and bottom margins from 0 to 20. The default is 5. Keep in mind that if you increase or decrease the number of lines in the margin, the number of lines in your report will inversely decrease or increase.

5. Begin report with a form feed

Indicates to the system that you want to print a blank form at the beginning of reports.

6. End report with a form feed

Indicates to the system that you want to print a blank form at the end of reports.

In the browser in the lower portion of the field, the system displays any existing or newly added Print To/Output options. You can highlight a Print To/Output line and delete it.

When you have finished adding/editing/deleting outputs for the report, save your changes and the **Done** button to return to the report. Press the Cancel button to exit without saving your changes.

Tip: Outputs Defined

The difference between a *printer* (defined in Printer F/M) and an *output option* (as defined in the new Output Options F/M) is that *output options* have expanded functionality. Advantages are:

Printing to new output types

When creating a report as a file, an administrator user can control file output to always be placed on the client PC or always on the server

When creating a report as a file, an administrator or user can control what the filename will be with run-time replacements (see below for an explanation of what these are).

Output can be customized with open, close, post-open, pre-close, and post close procedures.

Regular printers (printers set up in Printer F/M) can still be used.

Register formats and procedures

Registers are similar to reports, with one significant difference. Where a report only prints information, a register prints the information and then optionally updates it to the appropriate files in the system.

Registers are found on the menu where the information was entered. For example, in AP, documents (invoices) are entered through the Document Entry Program on the document entry menu, and will update a document entry file. Users then print the Document Entry & Adjustments Register (also found on the document entry menu), which will provide an audit trail of what documents were entered. After the register is printed, it should be verified and if all the information is correct it may be updated. The update posts the documents entered to the open payables file.

Running Registers

- 1 Set the appropriate order, range and parameters and print the register.
- 2 Review the register print out and verify that the information is correct before you update. If you find errors, return to the appropriate entry or adjustment program to make the corrections.
- 3 If the module is set to print GL distributions, print and review the GL distribution to make sure transactions balance. Make any necessary adjustments.
- 4 Once the register and GL distribution are correct, proceed with the update.

Audit trails

It's good practice to save all registers as audit trails. Whenever you run a register, it provides an audit trail of the information that has been entered and is updated in the appropriate files. Once you update a register, the information can no longer be printed.

An example is the AR Cash Receipts & Adjustment Register. Payments are posted in the AR Cash Receipts & Adjustments Entry program.

Files are not updated until you print and update the register. The AR Cash Receipts & Adjustments Register provides an audit trail of the payments, discounts, adjustments and miscellaneous cash posted.

The register has a number assigned to it. These numbers update by 1 each time someone updates the register.

All registers throughout the FACTS system work the same way. Therefore, all registers that are updated should be filed in numerical order by register type.

Using reports, registers and prints as audit trails

Once you run a register in FACTS, the information updated by that register is no longer available in the system in that format.

An example is the AR Cash Receipts & Adjustment Register. Payments are posted in the AR Cash Receipts & Adjustments Entry program. The register provides an audit trail of the payments, discounts, adjustments and miscellaneous cash posted. The register has a number assigned to it. FACTS updates these numbers by one each time you run the register. Once this register runs, the information it has collected is written to various programs within the system.

This is why all FACTS registers allow you to print a hardcopy before you run them. The hardcopy gives you the opportunity to review the data, catch any errors and fix the mistakes before they run registers.

They also serve as audit trails that can be used to help reconcile data later on in the fiscal cycle, and they provide an additional source of backup in case you lose register information.

How long you save these printouts depends your company's needs. We recommend that you save them in numerical order and by register type.

FACTS Report Designer

Use the FACTS Report Designer to create Custom Report Layouts. You can customize each report layout in many ways:

- Remove a field from the report
- Add a new field to the report
- Change column header titles
- Change which columns get totaled
- Change the width of fields and their header titles
- Change XML tags on a field-by-field basis for each layout

Once you create your own layout, you can name the layout and save it for easy access in the future. The layout can be a Personal or System layout and if desired, can be set as a user's default layout. Report templates will indicate which layout you prefer.

- 1 To access this screen press the **Layout** button on the Customize Report (SMR999.U) screen. The system displays the report name, report format and tier at the top of the screen as the default.
- 2 You can:
 - **Drag and drop fields**—you can rearrange the fields in each tier.
 - **Hide fields**—you can suppress fields from the report by right clicking on the field and clicking Hide.
 - **Add fields**—you can add fields by right clicking on a blank area and choosing the Select Field to Place Here option. The system displays the Place Information Field Search screen where you can choose a field to add to the report.
Note: Most fields from the files that relate to the report will be available. For instance, the Customer Report can be modified to add almost any Customer File or Ship-To field.
 - **Edit fields** —you can edit fields by right clicking on the field and choosing Edit to display the Edit Field Attributes screen.

Customizing Reports

Use the Customize Report (SMR999.U) program to associate formats, custom layouts, xml tags and tiers to reports. You can access the Customize Report program from Custom Report Layout menu.

Custom Layouts can be chosen when the report is run from the Print Options or the Multiple Output Selection and can be saved into Templates.

Fields for customizing reports

The system displays the report program name at the top of the screen as the default.

1. Format

Select a format to associate with the customized report. For each format, users can create a custom layout (a format is a way that the report is run, like a sort order, or summary vs. detail). It's important to note what report elements make up a format for that report. For instance, if you customize the Customer Listing's General Info format, those changes will not apply to the Customer Listing's History format.

2. Layout

Enter a layout to use to customize the report.

3. Description

Enter a description of the report layout.

4. System Layout

Indicate whether you want this report layout to be available as a system layout.

5. Max Width

Enter the maximum width in columns for the report layout.

6. Report XML Tag

Enter the XML tag for the report. (This is particularly useful for supply chain management needs.)

7. Format XML Tag

Enter the XML tag for the report format. The report format XML tag allows to print directly to a TCP/IP port or to a file with customized XML tags for each supply chain partner.

Tier Section

Each format contains *tiers*—the different groupings that contain data elements on the report. You can edit the tiers by highlight a tier in the line item browser in the lower portion of the screen and pressing the Edit icon.

You can edit the following fields for each tier:

8. Suppress Printing:

Use the dropdown list to indicate how to suppress printing. You can select from:

- **D-Use Default**—None of the tier's fields will be printed, but the records will be processed. Sub-tiers will not be suppressed.
- **Y-Yes**—Suppress Printing.
- **N-No**—Print This Tier

9. Totals Only

Use the dropdown list to indicate how to print totals. You can select from:

- **D-Use Default**— Print only a total line for each tier.
- **Y-Yes.**
- **N-No**

10. Beginning of Tier:

Use the dropdown list to choose spacing preferences for the beginning of the tier. You can select from:

- **D-Use Default.**
- **N-Nothing**
- **1—1 Line Feed**
- **2—2 Line Feeds**
- **3—3 Line Feeds**
- **P—Page Break**

11. End of Line:

Use the dropdown list to choose spacing preferences for after each line. . You can select from:

- **D-Use Default.**
- **N-Suppress LF**
- **L—Line Feed**
- **1—1 Blank Line**
- **2—2 Blank Lines**
- **P—Page Break**

12. End of Tier:

Use the dropdown list to choose spacing preferences for the end of the tier. You can select from:

- **D-Use Default.**
- **N-Nothing**
- **1—1 Line Feed**
- **2—2 Line Feeds**
- **3—3 Line Feeds**
- **P—Page Break**

13. Print Count

Use the dropdown list to choose print count settings. You can select from:

- **D-Use Default**
- **Y-Yes.**
- **N-No**

14. Suppress Printing Totals

Note that setting this field to "Yes" will cause the totals not to print at that tier of the report. This does not impact the totals calculations, only whether or not they are printed at that level.

Use the dropdown list to choose print count settings. You can select from:

- **D-Use Default.**
- **N-Nothing**
- **1—1 Line Feed**
- **2—2 Line Feeds**
- **3—3 Line Feeds**
- **P—Page Break**

14. Print Column Headers at Top:

Use the dropdown list to choose print settings for column headers at the top of the page. You can select from:

- **D-Use Default**
- **Y-Yes.**—The headers print at the top of the page.
- **N-No**—The headers print at the top of the tier.

15. Tier XML Tag:

Enter the Tier XML tag according to the requirements of your supply chain partner, if applicable.

16. Line XML Tag

Enter the Line XML tag according to the requirements of your supply chain partner, if applicable.

You cannot remove a tier from a customized report.

After entering the information you can press:

- **Layout** to access the FACTS Report Designer, where you can change the layout for each tier
- **Security** to access the Security Entry Screen (SMR999.S), where you can manage security for each field on the report layout. .

Editing Field Attributes

Use the Edit Field Attributes screen edit the fields in a custom report layout in the FACTS Report Formatter feature.

The system displays the report program name, report format, and reporting information (such as the extension) at the top of the screen as the default.

Fields for customizing reports

1. Print Width

Enter the number of character wide to print for the field. You can change the width to your preference, keeping in mind that it is possible to truncate the data.

2. Print on Continued Line

Use the dropdown list to indicate whether to print this field when continuing on a new page. You can select from:

- **D-Use Default**
- **Y-Yes**
- **N-No**

3. XML Tag

Enter the XML tag for this field according to the requirements of your supply chain partner, if applicable.

For numeric fields, choose from the following:

4. Totaled

Indicate whether this field should be totaled. You can select from

- **D-Use Default--Totalled:**
- **N-No--Not totaled**
- **1- Total at this level only** (for example, on the Stock Status report, total the serial/lot costs after each item)

- **2-Total** at this and all previous levels (for example, total the serial/lot costs after each item and then also at the warehouse level)
- **3- Total** at the top level only (for example, don't total the serial/lot costs at the item level, but do give a warehouse total for serial/lot costs)

5. Total Only

Use the dropdown list to indicate whether this field is only printed as a total. You can select from:

- **D-Use Default**
- **Y-Yes**--The field on each line will not print, but a total will print after all lines are printed.
- **N-No**

6. Total Type

Use the dropdown list to indicate the type of total for this field. You can select from:

- **D-Use Default**
- **S-Sum,**
- **A-Average,**
- **M-Min,**
- **X-Max, or**
- **O-Count**

7. Rounding:

Use the dropdown list to enter the appropriate rounding rule. You can select from:

- **D-Use Default,**
- **B-Round the field amount before adding to total, or**
- **A -Round after all fields have been added to the total.**

8. Parens for Negative

Use the dropdown list to indicate whether to parans (parenthesis) instead of a minus (-) sign when numbers are negative. You can select from:

- **D-Use Default**
- **Y-Yes** --if you want negative numbers for this field to be expressed in parentheses.
- **N-No**--if you want them to be expressed with a negative sign (-).

9. Comma for Thousands Separator

Use the dropdown list to indicate if you would like commas to separate thousands. You can select from:

- **D-Use Default**
- **Y-Yes**
- **N-No**

10. Column Header

Enter the text of the header column.

11. Header Width

Enter the width of the header text. If the text of the header is wider than the text of the column header, the text will wrap to accommodate the width.

12. Justification

Enter the justification of the report. You can select from:

- **D-Use Default**
- **L-Left,**
- **R-Right,**
- **C-Center**

Select **File-->Save** to save your customized report layout, or select **File-->Exit** to exit the screen without saving your layout.

Setting Field Security

Use the Security Entry (SMR999.S) screen to set security for each field in a customized report layout. You can set fields to be permanently hidden and lock fields with a security code. Security Entry processing can only be administered by a user that is set up as a Reports administrator. Changes made are effective for all users.)

You can access this program from the Security button on the Customize Report (SMR999.U) program or by selecting the **Custom Report Layout --> Security** from the report program menu.

Fields for customizing reports

The system displays the report program name at the top of the screen as the default. All fields for the report appear in the browser in the lower portion of the screen. To set security for a field, highlight the field in the browser and Edit. At the List From field you can enter the id number or description name or beginning letter to limit the field display listing in the browser.

1. Permanently hidden

Indicates that no user can choose the field to be added to the report. If the selected field already exists on a report, the field will not print.

2. Security Code

Enter the security code the user must have in order for the field to print on the report. Security can only be administered by a user that is set up as a Reports administrator. Changes made are effective for all users.

Save your security setting to the field or select Stop to reset the screen.

Note: Security for client-side report output is found on the Security tab of FACTS User Code F/M.

Using searches

The Search icon next to a field indicates that a search is available. Click the icon or press **F2** on the keyboard to activate the search.

Performance Boosters

Vertical Scroll Bar

The vertical scroll bar is not always accurate in regards to placement. This is a trade-off for performance. The more accurate this scroll bar is, the slower the search is able to perform.

First and Last Record Functionality

The Search now does not automatically recognize the "first" and "last" record in a given result set unless the user specifically selects an action (up/down arrow) that causes the Search to "look" forward or backward. A new message has been added for the beginning and end of the result set that informs the user they have reached the "first" or "last" record.

Open Orders Search

In Sales Orders, Purchase Orders, Accounts Payable and Accounts Receivable Entry and File Maintenance programs, open order searches contain Customer and Ship To fields are available to use to additionally narrow your search results.

Filters

The *Filters* section of the Search has been limited to *Keywords* only with all other Filter options accessed via the **Filter Selections** dialog box.

To use searches:

Complete the steps below to use a search.

- 1 Select the Sort By option to use to display information in the browser in the lower part of the screen. Note that not all searches contain a Sort By option.
- 2 Enter the information that you want to look up in the Start With or Go To field.
Note: If your search is set to a sort order that includes a *Starts with* option, the *Starts with* field is displayed first and is the default prompt when you access the Search screen.

- 3 Use filters to narrow your search.
- 4 (Optional) If available, switch sort orders.
- 5 You can also:
 - Set search preferences
 - Export search results
 - Print search results
- 6 (Optional) If you need to you can stop the search
- 7 Enter the information that you want to look up in the *Starts With* or *Go To* field.
There are three points to remember about this field:
It is *case sensitive*. If data was entered into the system with the Caps Lock on, enter the look-up information in ALL CAPS.
It is not a filter or a keyword. As you enter look-up information in the **Starts With** or **Go To** field, the search program advances the highlight bar to the first closest match. All the searchable information remains in the browser so you can scroll up or down through the entire list.
These fields relate to the selected *sort order*. This is important to remember in searches with multiple sort orders. For instance if you're in a Customer search with the Customer Number sort order selected, C220 is valid **Go To** criteria. However, if you switch to the Contact sort order, C220 will take you to the first contact name that starts with C.



The *Starts with* and *Go To* field options reposition the search with each character that is keyed into the field. For example, if you typed C in the *Starts with* field, the search immediately repositions the browser to the first Customer who's customer number begins with a C. Then if you enter a 2 right after the C, the search immediately repositions the browser to the first Customer who's customer number begins with a C2.
Entry is Beyond the Last on File. If this message appears, try entering the lookup information in either ALL CAPS or lower case, and make sure the lookup information you entered corresponds to the search order you selected.

- 8 Use filters to narrow your search.
Filters enable you to focus on specific information. When you enter a filter, the search eliminates from the browser any information that doesn't match the filter criteria. Filters are not case sensitive and they are not tied to the selected search order. In other words, if you enter the keyword *copper*, the search looks through all information — including alpha, descriptions, contacts, cities, states — and returns any entries that contain that word.
For your filter settings, enter *Keywords* to find information in your search. Use the **And/Or** button to manipulate the keywords.
You can use the **Go** button to invoke any Keyword search capability on demand rather than immediately beginning a search when tabbing out of the *Keyword* fields. For example: You can enter the first keyword, manipulate the *And/Or* button and set a second keyword and then select the **Go** button to generate the search.

Note that as a visual cue, the **Go** button will turn green when the user needs to select it in order to begin the keyword search.

- 9 You can select the Filter icon to access the **Filter Selections** dialog box.

Using the Filter Selections Dialog Box

The Filter Selections dialog box contains any additional filter values that are available and has a **Clear** button to clear out any settings that may have been entered previously. After you enter valid values for the available filters and click the **OK** button, the Search generates a result set based on the filter criteria. The visual cue that the filter is selected is a check mark displayed on top of the filter button.

If available, switch sort orders

Use sort orders to put information in a certain sequence.

For example, if you are performing a customer search, you have the option of sorting the information according to alpha, customer, contact, phone number or customer class. The information that you sort by appears in the first column of the browser window.

For instance, you may only know the customer by its FACTS customer number (i.e., C100), so you choose to search in customer order. When you do the information in the browser reorders according to customer number and the customer number shifts to the first column position.

To select a sort order:

Click on one of the tabs at the top of the window or press the **Alt** key plus the underlined letter on the tab.

Most searches default to the alpha order if it is available, but you can select which sort order the search defaults to when you open it.

Stopping the Search

You can stop the search process by selecting the Escape key. Selecting the "Escape" key (as defined in FACTS) when the Search is generating the result set will interrupt the search and almost immediately return any values found matching the search criteria up through the time the "Escape" key was selected.



Scrolling the browser left and right no longer restarts the search.

When a search is generating the result set, clicking your mouse anywhere in the dialog box generates an interrupt to the search. All values found matching the search criteria up through the time the mouse click was detected will be displayed.

Search features at a glance

FACTS holds vast amounts of your company's vital information. Powerful searches are accessible throughout FACTS to help you quickly pinpoint and access the data you need.

Users can choose which search filters to display on the main search window. These filters apply to all search orders in a particular search.

Users can save specific entries that they have entered in filter fields so they appear the next time they open the search.

Users can specify which search order the search should default to when it opens.

Because searches serve up more information than what can fit in a search browser, users can scroll left and right to view additional columns of information

Users can select which column headers appear in the search browser and in what order they appear. They can also lock a certain number of columns in place so they stay in view during horizontal scrolls.

Search results can be exported out to a flat file or to MS Excel spreadsheet.

Search results can be output to Windows printers, FACTS printers or a graphical viewer

Technical users can selectively cloak sensitive information in search browsers without costly modifications

Using search preferences

All FACTS searches offer their own user-definable preference settings. These settings allow you to control a number of features, such as the default sort order, the number of lines that appear in the browser, which column headers appear in the browser and which filters appear for each sort order.

To access Preferences, choose *Options-->Preferences* from the menu bar.

Default search order: Use this setting to control which sort order appears each time you open the search. If a search only offers one search order, it is selected by default.

To set a default search order, select *Options-->Preferences* from the menu bar. Choose the sort order you want the search to default to each time you open it and make sure the **Save As User Defaults** option is selected. Click **OK** to return to the main Search window.

Lines Displayed: *Lines Displayed* is a drop box giving you the ability to display from a minimum of 4 to a maximum of **20 lines** in the Search browser. The default setting is 11 lines.

Save as User Defaults: Select this flag if you want any preferences you have set to remain in effect each time you enter this search. This flag also applies to **Column Header** settings.

Editing columns for the search browser

- 1 Choose the **Columns** button in the Preferences window.
- 2 Use the arrow buttons in the center of the window to select which column headers you want to see in the browser and in which order. Column headers that appear in the left box will appear in the browser. The box on the right contains all the possible column headers you can display. The order in which column headers appear in the left box is the order they will appear in the browser.
- 3 Enter the **Number of Locked Columns**. This control enables you to keep a number of columns "locked" so they are always in view as you scroll horizontally.
Example: You set up your Customer Search Column Headers in the following order: customer number, customer name, street address, city, state, Zip Code, contact and

phone number.

You decide that you always need to see the customer number and customer name when you scroll horizontally so you set the **Number of Locked Columns** to 2.

Removing preferences

You can remove all user preferences in searches by selecting *Options-->Reset to System Defaults* in graphical.

Resetting to system defaults clears any saved filters and resets all search preferences back to the default FACTS settings.

Exporting search results

If your user code profile includes the export authorization code, this option allows you to examine FACTS search results in an Excel spreadsheet, or you can export search results to a flat file so they can be used in other programs, such as word processors, contact managers, etc.

Note: You must open the Excel program before exporting a search to Excel.

To export search results to Excel:

- 1 Open a search.
- 2 Use the **Go To** and **Filter** fields to locate the information you want.
- 3 Once you have the desired information in the browser, select *Export-->To Excel*. FACTS automatically formats the results and sets up column headers.

To export search results to a flat file (ASCII):

- 1 Open a search.
- 2 Use the **Go To** and **Filter** fields to locate the information you want.
- 3 Once you have the desired information in the browser, select *Export-->To Flat File*.
- 4 Name the flat file. You do not have to enter the .txt extension to the file name; it will be added automatically.
- 5
FACTS saves the flat files to **ssi7\fileprt** by default. To save the file to another drive and directory, specify the path in front of the file name.
Example: C:\My Documents\myflatfile.



Append and Overwrite functionality is also supported for the export process for search results.