

Program Product

Interactive Productivity Facility VSE Feature: General Information Manual

Program Number 5748-MS1

This manual provides a general overview of the IBM Interactive Productivity Facility concepts and facilities. It is intended for executives, system and application programmers, and operations personnel who want to learn about the Interactive Productivity Facility and its applicability in their environment.

This manual describes the major facilities of the Interactive Productivity Facility, including the unique menu-driven dialogs that assist the user in performing a desired activity. Sample menu, data entry, and explain panels are shown with an explanation of their function and use.

There are no prerequisite publications.



First Edition (September 1981)

Changes are continually made to the information herein. Therefore, before using this publication, consult your System/370 Bibliography (GC20-0370) for the editions that are applicable and current.

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SUMMARY OF AMENDMENTS

Release 4.0 of the Interactive Productivity Facility provides the following support changes:

- Adds support for the addition of products and features to the VSE System IPO/E Release 3.0
 - VSE/VSAM Space Management Feature
 - VSE/VSAM Backup/Restore Feature
 - VSE/POWER Shared Spooling Feature
 - VSE/OCCF

Note: The VM/VSE Feature VSE console interface routines are incompatible with VSE/OCCF.

- Upgrades dialogs to support VSE/ICCF Release 3.0
- Upgrades dialogs to support VSE/AF Release 3.0
- Removes support for products which have been removed from the VSE System IPO/E Release 3.0
 - DOS/VS COBOL
 - DOS/VS RPG II
 - DOS PL/I
 - ELIAS-I
 - DMS/CICS/VS - DOS
 - DMS/CICS/VS IAG
- Adds support for the installation of components not included in the VSE System IPO/E product set
- Adds support for the creation and maintenance of printer forms control buffers (FCBs)
- Adds support for specifying a combination of shipped ASI procedures and procedures that the user is converting from an earlier release

- Adds support for user addition of menus to the Interactive Productivity Facility menu hierarchy
- Adds documentation describing the table changes caused by migration
- Enhances librarian dialogs to allow creation and backup/restore of production or user libraries
- Adds a procedure to compress Interactive Productivity Facility members
- Includes support for the VM/VSE feature of the VSE System IPO/E

PREFACE

This manual provides an overview of the Interactive Productivity Facility. It is intended for executives, system and application programmers, and operations people who want to learn about the Interactive Productivity Facility and its usefulness in their environments. It describes the major capabilities of the Interactive Productivity Facility, including unique menu-driven dialogs that help you perform various system management and system use activities. Sample menu, data entry, and explain panels are shown with an explanation of their functions.

At several places in this manual, there are VM/VSE Feature notes that are highlighted as follows:
[VM/VSE FEATURE NOTE]

The VM/VSE Feature is an optional feature of the VSE System IPO/E. When installed with the VSE System IPO/E and the VM/SP System IPO/E, it provides an environment that is equivalent to the previously available VM/VSE System IPO/E. For more information on the VM/VSE Feature, refer to the VM/VSE Feature Guide for VSE System IPO/E, the Interactive Productivity Facility VSE Feature User's Guide, (SH20-5526) and the VSE System IPO/E Planning Guide (GC20-1936).

RELATED READING

This list briefly describes other Interactive Productivity Facility publications. For a more extensive list of related publications, refer to the bibliography in Appendix B of this manual.

Interactive Productivity Facility VSE Feature User's Guide (SH20-5526)

This publication defines and describes the Interactive Productivity Facility, and discusses its use and the activities in which the Interactive Productivity Facility user might be involved. It includes information specifically for the first time user and information to be used while running online activities.

Interactive Productivity Facility VSE Feature
Reference Manual (SH20-2486)

This publication contains reference information including problem determination, detailed descriptions of the Interactive Productivity Facility dialogs, and an explanation and listing of the user options files.

Interactive Productivity Facility Reference Summary
(GX20-2383)

This reference card briefly summarizes logon and logoff procedures, explanations of service requests, use of program function keys and light-pen, and lists of Interactive Productivity Facility menu panels sequenced by both panel id and panel title. A bibliography is also included.

Program Function Key Templates (SX20-2346 for 3277
terminals and SX20-2355 for 3276/3278 terminals)

These templates fit around the PF keys on the 3277 and 3278 keyboards, and provide guidance in PF key use.

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INTERACTIVE PRODUCTIVITY FACILITY OVERVIEW

INTRODUCTION

The Interactive Productivity Facility is a tool designed to help you manage and use your computer system. It operates either under the control of the Interactive Computing and Control Facility (VSE/ICCF) on a VSE system or the Conversational Monitor System (VM/CMS) on a VM/System Product (VM/SP) system. This document discusses the VSE implementation of the Interactive Productivity Facility.

To make installing and using complex hardware and software easier, the Interactive Productivity Facility gives you a simple interface to the underlying system products. Through a series of menu-driven dialogs, (or programs that use Interactive Productivity Facility services), the Interactive Productivity Facility prompts you for required information and creates files that can later be submitted to your system for processing. You communicate with these dialogs via different screen formats called "panels." There are several types of panels. A menu panel presents a list of options from which you may choose. A data entry panel prompts you to enter specific data, and an explain panel presents additional information.

The Interactive Productivity Facility controls the menu, data entry, and explain panels that help you install, maintain, and use hardware and software systems. It presents a hierarchy of menu panels through which you can progress until a specific activity is selected and performed.

A "fast path" procedure is available for you to move quickly and directly from one menu panel to another.

The Interactive Productivity Facility does not modify the products to which it interfaces. You can exit from it and communicate directly with ICCF or VSE (or VM/CMS).

The functions described in this document are implemented as part of the Interactive Productivity Facility licensed product.

The Interactive Productivity Facility can be ordered as a separate product. However, it enhances the productivity of VSE System IPO/E users, and is designed to execute in the VSE System IPO/E environment. The Interactive Productivity Facility is included in the VSE System IPO/E base.

Note: Refer to the VSE System IPO/E General Information Manual (GC20-1935) for more information.

HUMAN FACTORS CHARACTERISTICS

The dialogs provided by the Interactive Productivity Facility have these attributes:

- Interactive Productivity Facility panels are easy to understand. The information they present is often supported by explain panels, an online system management guide, and a first use tutorial.
- Although these dialogs simplify system support activities, they do not appear to you as a "black box." The Interactive Productivity Facility keeps you aware of what is happening through easily understood statements, not obscure messages or hexadecimal codes.
- By retaining values used during a session and using them as defaults in later sessions, the Interactive Productivity Facility reduces the number of keystrokes you would otherwise have to enter.
- The Interactive Productivity Facility provides default values, where appropriate. However, you may override them if you want to.
- The Interactive Productivity Facility edits incorrect user input.
- The Interactive Productivity Facility shields you from recoverable error conditions. If a more serious error occurs, it tells you what happened and suggests (sometimes through documentation) appropriate recovery/restart procedures.

EQUIPMENT SUPPORTED

The Interactive Productivity Facility supports the same 4300, 303x, and S/370 systems supported by the VSE System IPO/E and the VM/VSE feature of the VSE System IPO/E. For detailed information, refer to the VSE System IPO/E General Information Manual (GC20-1935)

The Interactive Productivity Facility interacts with you through CRT display devices. Panels are generated for a 24 X 80 matrix of characters. User responses are entered using the light-pen, keyboard, or program function keys.

MIGRATION AND CONVERSION

In Releases 1.0 and 2.0 of the Interactive Productivity Facility, the concept of menu-driven interactive dialogs was introduced to extend the benefits of the System Installation Productivity Offerings (System IPOs) beyond the installation activity. Such benefits are in the areas of ongoing user activities such as the application of preventive and corrective service, and tailoring system and subsystem parameters to conform to unique user environments.

Release 3.0 addressed some performance aspects associated with Releases 1.0 and 2.0.

Interactive Productivity Facility Release 4.0 provides support for new products and new product releases contained in Release 3.0 of the VSE System IPO/E.

No conversion is necessary to migrate from earlier releases to Release 4.0. Simply restore the Release 4.0 VSE/ICCF library and reload your files.

If table formats have changed from earlier releases, the Interactive Productivity Facility will either convert them to Release 4.0 format dynamically or recreate them in the new format.

Products that contain Interactive Productivity Facility dependent dialogs will run without change on Release 4.0.

INTERACTIVE PRODUCTIVITY FACILITY ACTIVITIES

Interactive Productivity Facility activities are broadly classified into system management, system use, environment definition, and first use tutorial. Figure 1 on page 5 through Figure 5 on page 8 illustrate the hierarchy and flow for each of these classifications.

System management activities create and maintain a running system. From a user point of view, these are the activities necessary to productively use the system. Examples of system management activities include product installation, system operation, and product service.

System use activities provide a direct work product for a user. Program development is an example of this type of activity.

Environment definition activities allow you to define, add, alter, or delete environments which are not included with the Interactive Productivity Facility. (An environment is a collection of menus and functions required to perform a given task.)

First use tutorial activities present explanatory information on several topics including the use of your terminal and descriptions of Interactive Productivity Facility system management and system use activities.

Figure 1 describes the information on the main menu panel. Although the panel sequence is not exactly as shown, Figure 2 provides an overview of the system management hierarchy. Figure 3 provides an overview of the system use menu hierarchy and Figure 4 gives an overview of the environment definition hierarchy. First use tutorial activities are shown in Figure 5.

[VM/VSE FEATURE NOTE] In the VM/VSE environment, the information on the main menu panel differs from Figure 2 and the system use menu hierarchy of Figure 3 is replaced by the version supplied with the VM/VSE Feature. Under VM/VSE, the panel id of the first use tutorial is VMT\$. Refer to the appendix of the VM/VSE Feature Guide for VSE System IPO/E for the menu panels in the VM/VSE environment.

Interactive Productivity Facility Main Menu	
1.	System Management
2.	System Use
3.	Environment Definition
4.	First Use Tutorial

Figure 1. Interactive Productivity Facility main menu for VSE

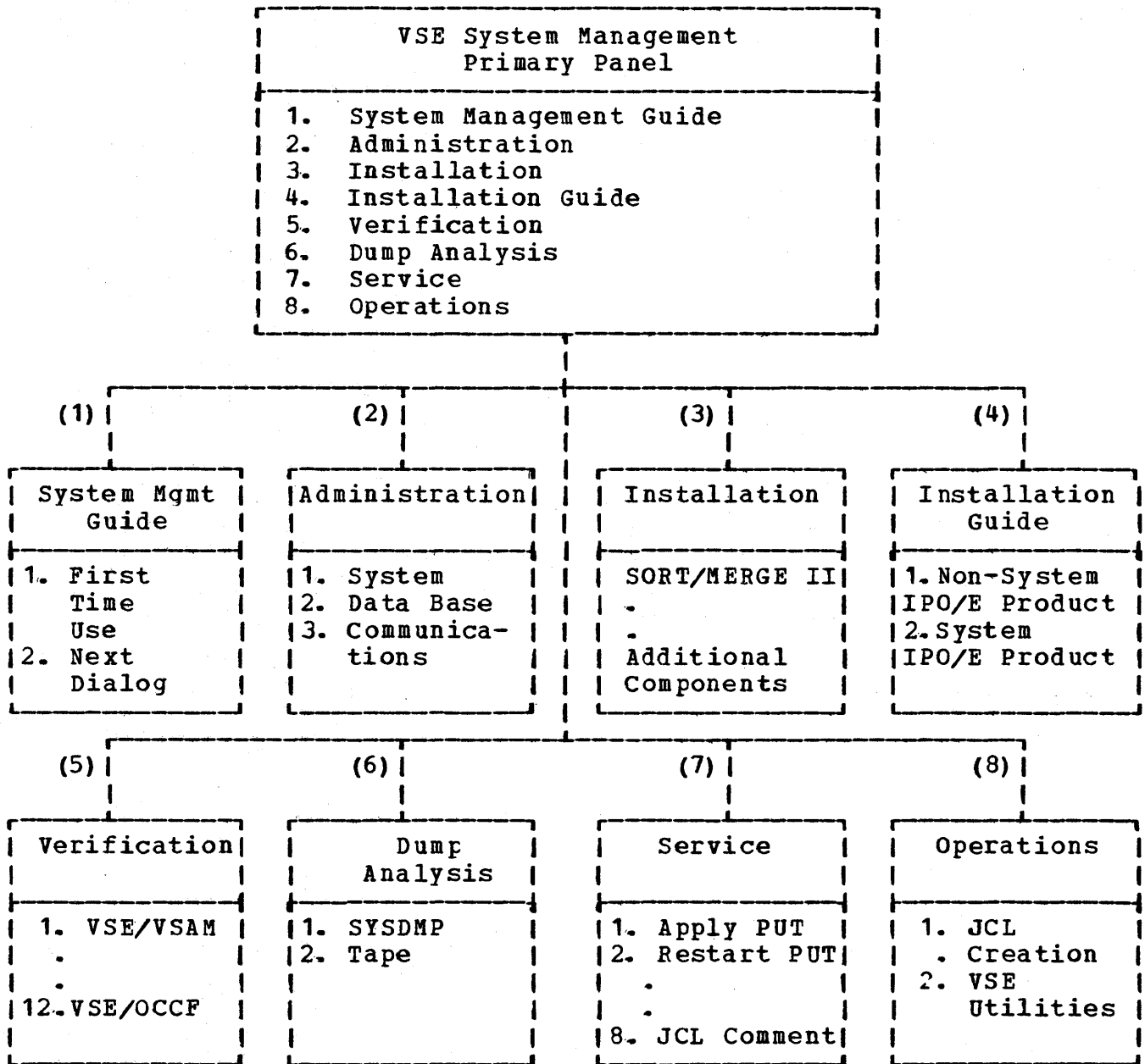


Figure 2. System management hierarchy

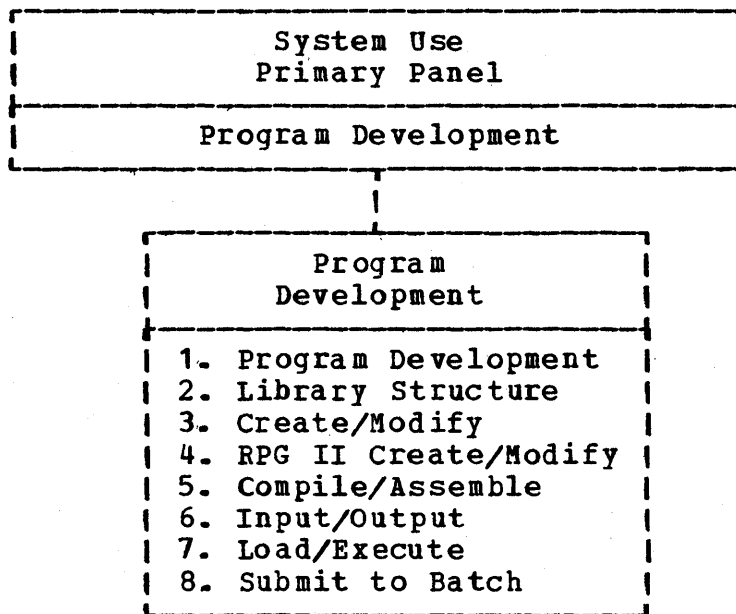


Figure 3. System use hierarchy for VSE only

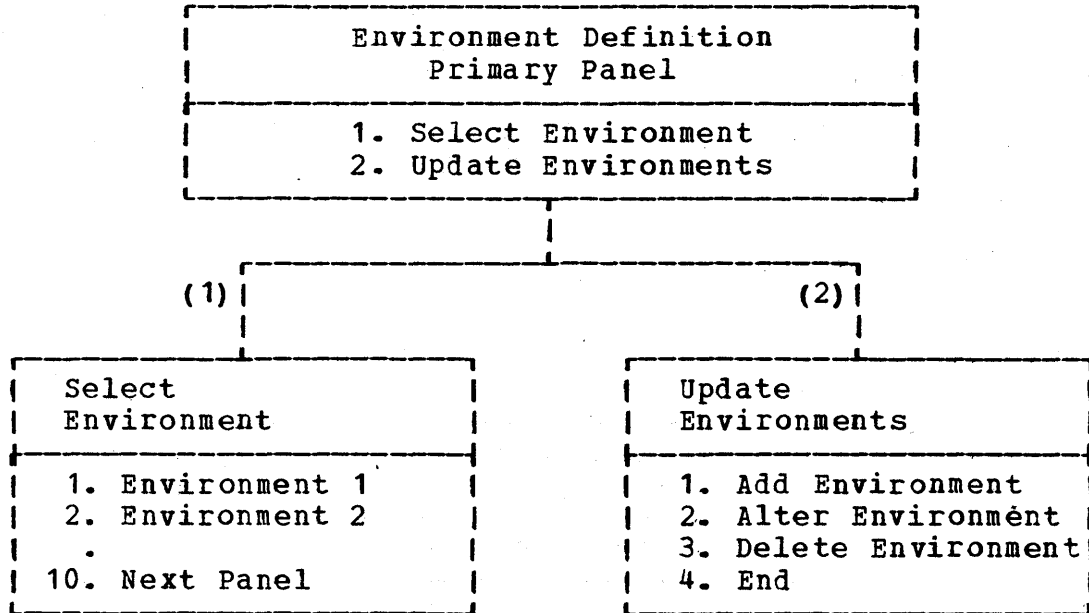


Figure 4. Environment definition hierarchy

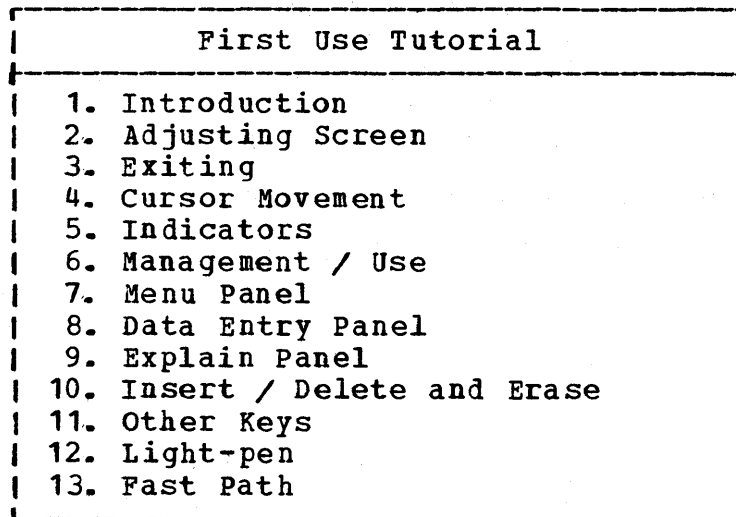


Figure 5. First use tutorial activities

The functions shown in Figure 1 on page 5, Figure 2 on page 6, and Figure 3 on page 7 are briefly described in this section. Figure 1 on page 5 shows the main menu panel which is displayed when you log on to the Interactive Productivity Facility.

SYSTEM MANAGEMENT

If you select System Management from the main menu panel, the VSE System Management Primary Panel is displayed, (Figure 2 on page 6). The system management menu offers eight functional areas. The Interactive Productivity Facility dialogs used in these areas provide online help for completing system management tasks. They are particularly valuable to the new user since they reduce the knowledge or experience necessary to successfully complete the tasks. Even if you are a more experienced user, the system management dialogs will help you on tasks with which you are less familiar.

System Management Guide The first system management choice, System Management Guide, guides you through many of the initial system management dialogs. Dialogs can be selected through this step-by-step approach, or accessed through the regular menu structure.

Administration The second choice, Administration, provides functions to help you administer your system. This area is further divided into system administration, data base administration, and communication administration. System administration provides for the control and security of your system. Data base administration provides for the control of VSAM data sets and the definition of DL/I control blocks. Communication administration helps you tailor communication products.

Installation

If you select Installation from the system management menu, you will invoke a job to install your optional features tapes. Job steps are included to restore components and merge them into your production and service libraries. When you select this activity, a menu of optional components that may be installed will be displayed. This is a dynamic menu and contains only the products that you indicated during initial administrative activities you wished to install.

Installation Guide

Installation Guide, the fourth choice on the system management menu, will guide you through the steps necessary to install a non-VSE System IPO/E supported product or a product which is supported by the VSE System IPO/E but was not selected during initial installation.

Verification

After you have installed a component in your system, you should verify proper installation by using the verification procedures supplied. This is the fifth choice. These procedures verify some basic functions of the components. Job streams to delete data sets required only for the verification procedure are also provided.

Dump Analysis

Your VSE system can store dump information on a dump data set. The Dump Analysis selection helps you analyze this information. Facilities are provided to invoke VSE/IPCS to print the dump, print authorized problem analysis reports (APARs) for submission to IBM, and to save dumps on tape for later processing.

Service

The Service environment helps you install service updates to your VSE system. These are received periodically as system program update tapes (PUTs). The service environment also helps you install single service updates to correct problems with your system. These activities use the facilities of the VSE Maintain System History Program (MSHP) to ensure that all updates are properly applied and recorded in your system.

Operations

The last choice on the system management menu is Operations, which includes various utility functions that are often run as a part of operating your system. Operations activities help you prepare the VSE job control statements required to run these utilities.

SYSTEM USE

Figure 1 on page 5 describes the panel you see when you log on to the Interactive Productivity Facility. If you select System Use, you will be presented with a menu as described in Figure 3 on page 7. System use is concerned with program development. It consists of a series of panels that provide much of the information required to create, modify, compile, and execute programs under VSE/ICCF. Information on the general use of VSE/ICCF is also provided.

ENVIRONMENT DEFINITION

You could also have selected Environment Definition, choice 3, from the main menu panel. An environment is a collection of menus and functions required to perform a given task. Environment definition allows you to define environments which are not included with the Interactive Productivity Facility. Some non-VSE System IPO/E products contain Interactive Productivity Facility dialogs which are not part of the Interactive Productivity Facility program product. Environment definition is the method through which you can integrate such dialogs into the Interactive Productivity Facility. You may add, alter, or delete environments.

FIRST USE TUTORIAL

The remaining choice on the main menu panel, First Use Tutorial, presents online tutorials in the following areas.

- Introduction
- Terminal use
- Description of system management activities
- Description of system use activities
- Panel use
- Light-pen use
- Fast path use
- Use of special keys on the keyboard

If this is your first time using the Interactive Productivity Facility, we recommend you review all of the topics in the order in which they are listed. However, you may take one or more of the topics as you choose. A sample of the tutorial menu panel is shown in Figure 12 on page 24.

USER INTERACTION WITH THE INTERACTIVE PRODUCTIVITY FACILITY

OVERVIEW

The following basic assumptions apply to user interaction with the Interactive Productivity Facility:

- Display terminals are the only means of communicating with you.
- Responses to menus can be made by light-pen selection or keyboard data entry.
- Program function keys, light-pen, or keyboard input can be used for the selections available on the bottom (service) line of the panel.
- A uniform definition for the use of program function keys is supplied.

The Interactive Productivity Facility uses uniform terms and layouts for display panels to ensure consistent interaction with you. All data and information is presented in terms of the activity to be performed.

INTERACTIVE PRODUCTIVITY FACILITY ENVIRONMENTS

An environment is a collection of menus and functions required to perform a given task.

DIALOGS AND PANELS

Interactive Productivity Facility environments are supported by interactive dialogs that direct you through the performance of an activity. Information is presented to you by:

- | | |
|--------------------------|---|
| Menu panels | Options are given in terms of the activity to be performed. An explanation of each activity is provided. |
| Data entry panels | You are prompted for required data in terms of the activity to be performed. An explanation of each required data item is provided. |
| Explain panels | You have the option of obtaining more information, if available, about a specific menu or data entry panel. |

MENU PANEL EXAMPLE

Figure 6 on page 15 is an example of a menu panel. A menu panel presents you with a list of options. You select one of the options with the light-pen or by keying the associated option number. You also have the option of selecting a service on the bottom line with the light-pen, by pressing a program function key, or by keying input. If you merely press the ENTER key, the panel is redisplayed with a message indicating that a proper selection is required.

```

SYSTEM MANAGEMENT: VERIFICATION MENU                                VER$
Select the activity you wish to perform.
Select the product you wish to verify.  NOTE: VSE/VSAM should be
verified first to set up data space for other products.

1  VSE/VSAM                5746-AM2  VSE/VSAM (Create VSAM Data Space)
2  SORT/MERGE II          5746-SM2  Sort/Merge II
3  CICS/VS                 5746-XX3  Customer Info Control System
4  VSE/DITTO              5746-UT3  VSE/DITTO Utility
5  VSE/POWER/RJE          5746-XE3  VSE/POWER/RJE Feature
6  EP/VS (3705)           5747-AG1  3705 Emulator Program
7  DL/I                   5746-XX1  Data Language / I
8  DATA DICTIONARY       5746-XXC  DB/DC Data Dictionary
9  VSE/ACCESS CONTROL     5746-XE7  Access Control Logging/Reporting

=>

PF1=EXPL          3=RETURN          4=ICCF          6=INIT

```

Figure 6. Sample menu panel

MENU PANEL DESCRIPTION

Title	The title is always the first line of the panel. It is highlighted and centered. The title of the sample menu, as shown above, is SYSTEM MANAGEMENT: VERIFICATION MENU.
Panel name	The panel name is unique. The panel name on the sample menu is VER\$.
Selectable activities	Each activity you can select is listed sequentially. A number and description are associated with each activity.

- Message line** The third line from the bottom on each panel is reserved for messages.
- Input or service line** You may key the option number or a service request. The input line indicated by the arrow above the selection line is designated for user-keyed input.
- Selectable services** The selection line is the last line of the display screen. It contains a list of services that are valid for this panel.

By changing an entry in the user options files, you can change the mnemonic name that is displayed for each of these services. PF1=EXPL could be changed to EXPLAIN, 3=RETURN to RETURN, etc.

The following services are provided in menu panels:

PF1=EXPL If your response is EXPLAIN, one or more panels of explanatory text are displayed if this activity contains explanation. If it does not, a message is given stating that no additional information is available.

If there are several explain panels, you can browse through them before returning to the menu or data entry panel from which explain was requested.

PF3=RETURN If your response is RETURN, the menu immediately preceding the current menu in the hierarchy is displayed. an exit to the underlying system occurs.

PF4=ICCF This selection is used to exit from the Interactive Productivity Facility and place you under the interactive system (VSE/ICCF).

[VM/VSE FEATURE NOTE] This selection and the underlying interactive system will be VM/CMS if the VM/VSE feature is installed.

PF6=INIT If your response is INITIAL, the Interactive Productivity Facility initial menu defined for you is displayed.

DATA ENTRY PANEL EXAMPLE

Figure 7 shows a sample data entry panel that prompts you to enter specific data items. You key the required information, overlaying default fields where appropriate. Pressing the ENTER key indicates that data input is complete. You select a service via the light-pen, program function keys, or keyed input.

```

                                     BACKUP SYSRES                                     SRV$PPT1
| Complete the required data and press enter.
|-----|
| If you do not have a current backup of the system, this activity
| will create one. Enter NO for the tape unit address if you do not
| want a backup.
|
| TAPE UNIT ADDRESS          ==> _____ Enter address as cuu, or NO.
|
| NOTE: The tape unit address supplied above will be used for the
| remainder of this activity.
|-----|
| =>
|
| PF1=EXPL      3=CANCEL      5=RETRY
|-----|
```

Figure 7. Sample data entry panel

DATA ENTRY PANEL DESCRIPTION

Title	The title of the sample data entry panel is BACKUP SYSRES.
Panel name	The panel name is SRV\$PPT1.
Data entry items	Each item you will enter is identified by a descriptive name. If appropriate to the activity, the fields will contain a default value. The default is usually the value you entered the last time the data entry panel was used. In

most cases, data entry default values are saved across terminal sessions.

Message line The third line from the bottom on each panel is reserved for messages.

Input or service line This line is available for you to key in a service request if light-pen selection is not used.

Selectable Services The selection line area is the last line on the display screen. It contains a list of services that are valid for this panel.

By changing an entry in the user options files, you can change the mnemonic name that is displayed for each of these services. PF1=EXPL could be changed to EXPLAIN, 3=CANCEL to CANCEL, etc.

The following services are provided in data entry panels:

PF1=EXPL If your response is EXPLAIN, one or more panels of explanatory text are displayed if this activity contains explanation. If it does not, a message is given stating that no additional information is available.

If there are several explain panels, you can browse through them before returning to the menu or data entry panel from which EXPLAIN was requested.

PF3=CANCEL If your response is CANCEL, the function performs all required cleanup. The menu that was used to invoke this function is displayed next.

Since this service essentially aborts the function, you may be asked to verify that CANCEL is indeed requested. CANCEL verification is done when you would have significant rework to return to the point in the function where CANCEL was requested.

PF5=RETRY If your response is REPLY, the function redisplay the data entry panel with the original default values.

EXPLAIN PANEL EXAMPLE

Figure 8 shows an example of an explain panel that presents you with additional dialog information.

One or more explain panels may be associated with a specific menu or data entry panel. After viewing the first panel, you can choose to browse through additional explain panels, if they are included, or return to the original panel for which EXPLAIN was requested.

```
SYSTEM MANAGEMENT: ADMINISTRATION MENU                ADM$
                                                    PAGE 001/003
END leaves explanation, FORWARD continues explanation.

This menu is used to help you administer your VSE system.
disk labels, your libraries, and the I/O devices installed
on your system.

SYSTEM PROFILE: Select this option to create or modify a
profile of system information that is used by other System
IPO/E activities. The profile consists of tables containing
information about what software is installed, your standard
When you install the System IPO/E, creating a system profile
should be the first thing you do. Many other System IPO/E
functions depend on information contained in the system profile,
and will not work properly without it.

=>
PF1=OVER      2=ASSIST      3=END      8=FORW
```

Figure 8. Sample explain panel

EXPLAIN PANEL DESCRIPTION

Title	The title is always the first line of the panel. It is highlighted and centered. The title of the sample EXPLAIN panel is SYSTEM MANAGEMENT: ADMINISTRATION MENU.
Panel name	The panel name is ADM\$.

- Message line** The third line from the bottom on each panel is reserved for messages.
- Input or service line** This line is available for you to key in a service request.
- Selectable services** The selection line is the last line of the display screen. It contains a list of services that are valid for this panel.

You can change the mnemonic name that is displayed for each of these services. PF1=OVER could be changed to OVERVIEW, 8=FORW to FORWARD, etc.

The following services are provided in explain panels:

PF1=OVER If your response is OVERVIEW, a menu of general information available is displayed if this activity requires the use of a menu. If a menu is not provided, you are given a message that no additional information is available.

You can browse through any of the explanatory material made available through the information menu. When you select END, you are returned to the menu or data entry panel from which EXPLAIN was selected.

PF3=END If your response is END, the panel from which EXPLAIN was requested is displayed next. The END service is simulated if you press the ENTER key when the last panel in a multipanel sequence is being displayed.

PF7=BACK If your response is BACK, the previous explain panel in a multipanel sequence is displayed. This option is not available on the first panel.

PF8=FORW If your response is FORWARD, the next explain panel in a multipanel sequence is displayed. This option is not available on the last panel. If you press the ENTER key, the FORWARD service is simulated.

APPENDIX A. SAMPLE PANELS

The following panels are shown as examples only. The items named in the panels will not necessarily be included in the Interactive Productivity Facility program product.

```
INTERACTIVE PRODUCTIVITY FACILITY: INITIAL MENU      DTR$
Select the activity you wish to perform.

Welcome to the Interactive Productivity Facility.  This product is
designed to operate with the System IPO/E, and to simplify the USE
and MANAGEMENT of your computer system.  If you are using the system
for the first time, we recommend you select the FIRST USE TUTORIAL.

1  SYSTEM MANAGEMENT
2  SYSTEM USE
3  ENVIRONMENT DEFINITION
4  FIRST USE TUTORIAL

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      LICENSED MATERIAL - PROGRAM PROPERTY OF IBM

=>
PF1=EXPL      3=RETURN      4=ICCF      6=INIT
```

Figure 9. Sample initial panel

VSE: SYSTEM MANAGEMENT MENU		SYMS
Select the activity you wish to perform.		
1	SYSTEM MANAGEMENT GUIDE	Perform Initial Path Activities
2	ADMINISTRATION	Perform Administrator Functions
3	INSTALLATION	Install VSE Optional Components
4	INSTALLATION GUIDE	Install Components not Selected During First Time Use, and Components Outside System IPO/E Product Set
5	VERIFICATION	Verify Installation of VSE Components
6	DUMP ANALYSIS	Analyze VSE/IPCS Dump
7	SERVICE	Apply Service to the VSE System
8	OPERATIONS	Select an Operations Utility
=>		
PF1=EXPL	3=RETURN	4=ICCF 6=INIT

Figure 10. Sample system management panel

```
VSE: SYSTEM USE MENU                                SYU$

Select the activity you wish to perform.

1 PROGRAM DEVELOPMENT                               Develop Programs under VSE/ICCF
                                                    and Review VSE/ICCF Usage

=>
PF1=EXPL      3=RETURN      4=ICCF      6=INIT
```

Figure 11. Sample system use panel

FIRST USE TUTORIAL		SYI\$
Select the activity you wish to perform.		
TOPICS IN THIS TUTORIAL		
If you want help on how to proceed, enter or select EXPLAIN (PF1)		
1	INTRODUCTION	Describes this tutorial.
2	ADJUSTING SCREEN	How to adjust intensity and contrast.
3	EXITING	How to leave the dialog.
4	CURSCR MOVEMENT	How to use the tab and "arrow" keys.
5	INDICATORS	Describes Input Inhibited and System Available functions for the 3277 and 3278.
6	MANAGEMENT / USE	Describes the types of environments.
7	MENU PANEL	How to use.
8	DATA ENTRY PANEL	How to use.
9	EXPLAIN PANEL	How to use.
10	INSERT / DELETE AND ERASE	How to use.
11	OTHER KEYS	How to use the CLEAR, PF, and APL keys.
12	LIGHT-PEN	How to use.
13	FAST PATH	How to use.
=>		
PF1=EXPL	3=RETURN	4=ICCF 6=INIT

Figure 12. Sample first use tutorial panel

Select the activity you wish to perform.

Now that you have installed your optional products, we recommend you back up your production libraries. You should back up your libraries on a regular basis. The backup library sets dialog helps you do this.

This dialog creates JCL under the default name of BACKUP which you must submit to VSE.

1	BACKUP LIBRARIES	Backup Production Libraries
2	NEXT DIALOG	Continue to Next Dialog
3	PRIOR DIALOG	Return to Previous Dialog
4	INITIAL DIALOG	Return to Initial Dialog

=>

PF1=EXPL

3=RETURN

4=ICCF

6=INIT

Figure 13. Sample system management guide panel

Select the activity you wish to perform.

- | | | |
|---|------------------------------|--|
| 1 | SYSTEM ADMINISTRATION | Perform system administration for profiles, passwords, librarian, and tailoring of supervisor, ASI and VSE/POWER |
| 2 | DATA BASE ADMINISTRATION | Perform data base administration for VSE/VSAM and DL/I |
| 3 | COMMUNICATION ADMINISTRATION | Perform communication administration for CICS/VS, RJE, and EP/VS |

=>

PF1=EXPL

3=RETURN

4=ICCF

6=INIT

Figure 14. Sample administration panel

SERVICE: APPLY CUMULATIVE PTFS MENU		SRV\$2
Select the activity you wish to perform.		
1	PRINT COVER LETTERS	From specified cover letter file
2	APPLY PTF	Apply PTF from a PUT tape
3	APPLY CUMULATIVE PTF	Apply PTF from cumulative-PTF tape
4	APPLY BACKOUT PTF	Remove a PTF in error
=>		
PF1=EXPL	3=RETURN	4=ICCF 6=INIT

Figure 15. Sample service panel

Enter the required data and press enter.

INPUT DISKETTE => ____ Enter the Input Diskette address.

OUTPUT DISKETTE => ____ Enter the Output Diskette address.

VOLUME SERIAL => _____ Enter the 6-character Input Diskette
Volume Serial if checking is to be
performed. Leave this field blank
if no checking is to be performed.

=>

PF1=EXPL

3=CANCEL

5=RETRY

Figure 16. Sample operations panel

Enter the required data and press enter.

Since you obviously know how to log on, it would be nice if you knew how to **log off**.

To log off, do the following:

1. If you are at a data entry panel, such as this panel, enter or light-pen select:
CANCEL

If you now have the service option CMS or ICCF on your panel, go to step 2. If not repeat step 1.

2. If you have the CMS option enter:
log

If you have the ICCF option enter or light-pen select:
ICCF

Then enter:
/logoff

These steps are summarized on the next panel.

Press ENTER to continue.

=>

PF1=EXPL

3=CANCEL

5=RETRY

Figure 17. Sample tutorial panel

APPENDIX B. BIBLIOGRAPHY

Listed below are the form numbers and titles of publications to which you can refer for detailed information.

INTERACTIVE PRODUCTIVITY FACILITY (5748-MS1)

GH20-2492	VSE Feature General Information Manual
SH20-5526	VSE Feature User's Guide
SH20-2486	VSE Feature Reference Manual
GX20-2383	VSE Feature Reference Summary Card
GX20-2387	VM Feature Reference Summary Card
GH20-5527	Programming Specifications
SX20-2346	Program Function Key Template 3277
SX20-2355	Program Function Key Template 3276/3278
none	VM Feature User's Guide

VSE SYSTEM IPO/E (5750-AAA, 5750-AAB, 5750-AAC)

GC20-1935	General Information Manual
GC20-1936	Planning Guide
GC20-1933	User's Guide
none	Reference Manual
none	Communications Guide
none	Program Directory
none	VM/VSE Feature Guide

VM/SP SYSTEM IPO/E

GC20-1890	General Information Manual
GC20-1874	Planning Guide
none	Program Directory

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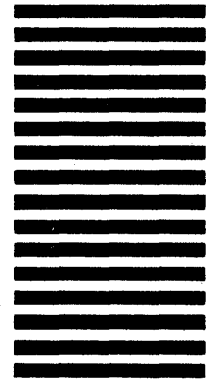
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