

# **Program Directory for Control Center for VSE**

Version 6 Release 1.0

Program Number 5648-A70

for Use with  
VSE/ESA

Document Date: December 1998

GI10-4961-01

**Note!**

Before using this information and the product it supports, be sure to read the general information under "Notices" on page v.

This program directory, dated December 1998, applies to Control Center for VSE Version 6 (Control Center for VSE) Release 1.0 , Program Number 5648-A70 for the following:

<b>COMPIDs</b>	<b>Feature Numbers</b>	<b>System Name</b>
5648A7006	5831	VSE/ESA
	5832	
	5834	
	6801	

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None



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## 1.0 Introduction

This program directory is intended for the system programmer responsible for program installation and maintenance. It contains information concerning the material and procedures associated with the installation of Control Center for VSE. You should read all of this program directory before installing the program and then keep it for future reference.

All NLS languages are available on this tape. Instructions for choosing a default language other than American English are in the *Control Center Installations and Operations Guide for VSE*, GC09-2678.

2.0, "Program Materials" on page 2 identifies the basic and optional program materials and documentation for Control Center for VSE.

3.0, "Program Support" on page 4 describes the IBM support available for Control Center for VSE.

5.0, "Installation Requirements and Considerations" on page 6 identifies the resources and considerations for installing and using Control Center for VSE.

Installation requirements and procedures specific to installing this licensed program in a VSE environment are described. This product must be installed using the Maintain System History Program (MSHP).

Before installing Control Center for VSE, read 3.1, "Preventive Service Planning" on page 4. This section tells you how to find any updates to the information and procedures in this program directory.

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## 2.0 Program Materials

An IBM program is identified by a program number and a feature code. The program number for Control Center for VSE is 5648-A70.

The program announcement material describes the features supported by Control Center for VSE. Ask your IBM marketing representative for this information if you have not already received a copy.

The following sections identify:

The basic and optional program materials available with this program

A list of publications that would be useful during installation can be found in the *Control Center Installations and Operations Guide for VSE*, GC09-2678.

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### 2.1 Basic Machine-Readable Material

The distribution medium for this program is 9-track magnetic tape (written at 6250 BPI), 3480 cartridge, or 1/4-inch tape cartridge, or 4mm tape cartridge. The tape or cartridge contains all the programs and data needed for installation. Control Center for VSE is installed using the instructions included in the *Control Center Installations and Operations Guide for VSE*, GC09-2678. See 6.0, "Installation Instructions" on page 8 for more information about how to install the program. Figure 1 describes the tape or cartridge. Figure 2 describes the file content of the program tape or cartridge.

Figure 1. Basic Material: Program Tape

Medium	Feature Number	Physical Volume	External Label Identification	VOLSER
6250 tape	5831	1	Control Center for VSE V6	N/A
3480 cart.	5832	1	Control Center for VSE V6	N/A
1/4 inch cart.	5834	1	Control Center for VSE V6	N/A
4mm cart.	6801	1	Control Center for VSE V6	N/A

Figure 2 (Page 1 of 2). Program Tape: File Content

VOLSER	File	Name
N/A	1	Copyright Records
N/A	2	History File
N/A	3	Product
N/A	4	Tape Mark



Figure 2 (Page 2 of 2). Program Tape: File Content

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<b>VOLSER</b>	<b>File</b>	<b>Name</b>
N/A	5	Tape Mark

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## 2.2 Optional Machine-Readable Material

There are no optional machine-readable materials for Control Center for VSE.

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## 2.3 Program Publications

The following sections identify the basic and optional publications for Control Center for VSE.

### 2.3.1 Basic Program Publications

Figure 3 identifies the basic program publications for Control Center for VSE. One copy of each of these publications is included when you order the basic materials for Control Center for VSE. For additional copies, contact your IBM representative.

Figure 3. Basic Material: Unlicensed Publications

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<b>Publication Title</b>	<b>Form Number</b>
Control Center Installation and Operations Guide for VSE	GC09-2678-00

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### 2.3.2 Optional Program Publications

There are no optional publications for Control Center for VSE.

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## 2.4 Program Source Materials

There are no source materials available for Control Center for VSE.

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## 2.5 Publications Useful During Installation

You can find a list of related publications in *Control Center Installations and Operations Guide for VSE*, GC09-2678.

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## 3.0 Program Support

This section describes the IBM support available for Control Center for VSE.

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### 3.1 Preventive Service Planning

Before installing Control Center for VSE, check with your IBM Support Center or use either Information/Access or SoftwareXcel Extended to see whether there is additional Preventive Service Planning (PSP) information that you should know. To obtain this information, specify the following UPGRADE and SUBSET values:

*Figure 4. PSP Upgrade and Subset ID*

<b>UPGRADE</b>	<b>SUBSET</b>	<b>RETAIN Release</b>
DB2VSEVM610	CCVSE	1JP

If you have received Control Center for VSE only from IBM Software Distribution, then before installing Control Center for VSE, you should also check with your IBM Support Center or use either Information/Access or SoftwareXcel Extended to see if there is additional PSP information that you should know.

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### 3.2 Statement of Support Procedures

Report any difficulties you have using this program to your IBM Support Center. If an APAR is required, the Support Center will provide the address to which any needed documentation can be sent.

Figure 5 identifies the component IDs (COMPID) for Control Center for VSE.

*Figure 5. Component IDs*

<b>COMP ID</b>	<b>Component Name</b>	<b>REL</b>
5648A7006	Control Center for VSE V6	1JP

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## **4.0 Program and Service Level Information**

This section identifies the program and any relevant service levels of Control Center for VSE. The program level refers to the APAR fixes incorporated into the program. The service level refers to the PTFs integrated. Information about the cumulative service tape is also provided.

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### **4.1 Program Level Information**

This new version of Control Center for VSE has incorporated all closed APARs from previous versions/releases at the time of this product GA.

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### **4.2 Service Level Information**

Check the DB2VSEVM610 PSP bucket for any additional PTFs that should be installed or any additional installation information.

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### **4.3 Cumulative Service Tape**

There is no cumulative service tape for Control Center for VSE.

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## 5.0 Installation Requirements and Considerations

The following sections identify the system requirements for installing and activating Control Center for VSE.

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### 5.1 System Requirements

There are no special programming requirements for the system.

#### 5.1.1 Programming Requirements

This section summarizes the products required for Control Center for VSE. Unless otherwise stated, Control Center for VSE works with subsequent versions, releases, and modification levels of the products listed in this section.

The following operating system(s):

VSE/Enterprise Systems Architecture\* Version 2 Release 2 (5690-VSE) or later

The following products also provide required product support:

DB2 Server for VSE\* Version 6 Release 1 (5648-158), or later

VSE/REXX (which is part of VSE/Central Functions, 5686-066, and all subsequent releases)

LE for VSE/ESA Version 1 Release 4 (5686-094)

#### 5.1.2 DASD Storage Requirements

For details on DASD requirements, refer to the *Control Center Installations and Operations Guide for VSE*, GC09-2678.

#### 5.1.3 Processor Storage Requirements

The target libraries (data sets) and their attributes for the installation of Control Center for VSE can be found in the *Control Center Installations and Operations Guide for VSE*, GC09-2678.

#### 5.1.4 Operating System Requirements

Control Center for VSE operates under the VSE/ESA operating system.

### **5.1.5 Machine Requirements**

There are no special machine requirements for Control Center for VSE.

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## **5.2 Program Considerations**

There are no program, system, or special considerations for Control Center for VSE.

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## 6.0 Installation Instructions

The *Control Center Installations and Operations Guide for VSE, GC09-2678*, contains the step-by-step procedures to activate the functions of Control Center for VSE.

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### 6.1 Installing Control Center for VSE

#### 6.1.1 Overview

To install Control Center VSE into an IBM VSE System, follow the instructions in the *Control Center Installations and Operations Guide for VSE, GC09-2678*. An overview of the installation process is included in the second chapter of the manual.

#### 6.1.2 ERRORS IN THE MANUAL

These corrections should to be made to the Installation and Operation Guide before installing Control Center for VSE.

Page	Change
__ 2	In the line immediately above the title "DBSPACE Analysis", change "with" to "to".
__ 8	In the checklist, following step 2, insert: __ 2-1. Allocate DASD for SAM Files (10a) <b>Note:</b> Step 2-1 is <i>not</i> part of step 2; it was accidentally omitted.
__ 9	In the first paragraph, 4th line, after "Support" insert "(NLS)".  In the same paragraph, 5th line, change "maps" to "maps, help file, and message files,".  In the second paragraph, 4th line, change "is" to "are".  In Table 1, column 2, ahead of "Space", insert "Base + NLS".
__ 10	Preceding step 3, insert: Step 2-1: Allocate DASD for SAM Files  (See page 10a.)  Insert, following page 10, the sheet that follows this list of errata. In this Program Directory, the sheet is numbered page 11 and 12. It contains the text for Step 2-1. Change the page numbers at the bottom of the sheet's right-hand page to "10a" and on the reverse to "10b". Change the running footing on page 10a from "Installation Instructions" to "Chapter 2.

Installing Control Center", and on page 10b from "Control Center for VSE Program Directory" to "Installation and Operation".

\_\_ 12 In Step 6, delete the word "CICS" at the end of the first line.

\_\_ 13 Insert the following as a new paragraph at the end of Step 6:

In previous releases of Control Center for VSE this procedure was accomplished by using the files SQMPCT.A and SQMPPT.A which were included on the distribution tape. These files are still distributed on the tape and can be used if desired.

\_\_ 19 In the middle of the page is a reference to Step 3. In this reference, change: Step "3" to Step "2-1", "VSAM" to "SAM", and "10" to "10a".

In the last line of this paragraph, change "would be:" to

would be as shown here. Note that the entries on this screen are in tracks and blocks while those shown in Step 2-1 on page 10a are in cylinders.

\_\_ 23 In the Step 1 checklist entry, change "the Server" to "Your".

In the checklist, following step 4, insert:

\_\_ 4-1. Load Standard Labels (25)

**Note:** Step 4-1 is *not* part of step 4; it was accidentally omitted.

In the Step 1 title, change "the Server" to "Your".

\_\_ 24 In Step 2's 2nd paragraph, 2nd line, change "library" to "sub-library".

\_\_ 25 Insert, preceding Step 5:

Step 4-1: Define Standard Labels

Perform the process described in Step 5, Load Standard Labels, on page 11.

Insert the following as a new paragraph at the end of Step 7:

In previous releases of Control Center for VSE this procedure was accomplished by using the files SQMPCT.A and SQMPPT.A which were included on the distribution tape. These files are still distributed on the tape and can be used if desired.

\_\_ 30 In the checklist entry for Step 1, change "Server" to "Your".

In the checklist, following step 3, insert:

\_\_ 3-1. Define the Table Parameter File (30)

\_\_ 3-2. Load Standard Labels (30)

**Note:** Steps 3-1 and 3-2 are *not* part of step 3; they were accidentally omitted.

In the Step 1 title, change "Server" to "Your".

Insert, following Step 3:

Step 3-1: Define the Table Parameter File

Perform the process described in Step 4, Define the Table Parameter File, on page 24.

Step 3-2: Load Standard Labels

Perform the process described in Step 5, Load Standard Labels, on page 11.

- \_\_\_ **31** With the exception of item 2, delete the text of Step 4, Prepare CICS. In place of the deleted text, insert as the first paragraph:

Perform the process described in Step 7, Prepare CICS, on page 25.

Next, delete the "2." but keep the rest of the original item 2 text.

- \_\_\_ **67** In Figure 32, DBSPACE Reorganization Submit screen, change the field name FREE FORM to OTHER.

- \_\_\_ **96** The first paragraph refers to Installation Step 3 on page 22. This reference should be to Installation Step 2-1, which was added as insert page 10a.

- \_\_\_ **110** In Figure 53, make these changes:

Change the title to TABLE REORGANIZATION UTILITY

Just below the middle of the screen, the field TABLE should be followed by the same number of underscores as shown for the DBSPACE field just above it.

The colon following the field UPDATE ALL STATISTICS should be followed by "2 (1/2)".

The colon following the field DATA CAPTURE should be followed by "none".

- \_\_\_ **111** In the paragraph beginning "If you are moving", insert "to" after "moving".

- \_\_\_ **112** In item 4 just above the bottom of the page, change the title "Key Considerations" to "Referential Integrity Considerations".



## Step 2-1. Allocate DASD for SAM Files

In this step, you need to allocate SAM space to be used for temporary DDL, unloaded data, package, and message files.

Control Center for VSE invokes the Database Services Utility (DBSU) to UNLOAD and RELOAD DBSPACE data and DDL and to UNLOAD and RELOAD packages. DBSU unloads into variable-length, spanned, blocked (SPNBLK) records. Since the VSAM SAM-management feature does not support SPNBLK records, SAM files must be used.

To minimize the amount of SAM work file definition, Control Center for VSE uses 6 predefined SAM work files for DBSPACE reorganization and UNLOAD/RELOADS. They consist of a small, medium, and large file for DDL and a small, medium, and large file for data. You define them once in the final installation step and select the one you want to use when you run a reorganization or UNLOAD.

In addition, the View Package Utility uses a temporary SAM work file to hold the unloaded package that it processes to produce the Package Report. It also uses a SAM work file to hold package report headings. To use the View Package Utility, you need to allocate a SAM work file for each batch partition in which you intend to run View Package jobs and a single message file that is used by all partitions.

Figure 6. Sample Control Center SAM Space Allocations

File Name	Size	Type	3350 Trks	3375 Trks	3380 Trks	3390 Trks	9345 Trks	FB-512 Blocks
SQMDAT1	Small	Data	420	600	375	320	420	22500
SQMDAT2	Medium	Data	840	1200	750	640	840	45000
SQMDAT3	Large	Data	1680	2400	1500	1280	1680	90000
SQMDDL1	Small	DDL	10	15	10	10	10	600
SQMDDL2	Medium	DDL	20	30	20	20	20	1200
SQMDDL3	Large	DDL	40	60	40	40	40	2400
SQMPKG0		BG	10	15	10	10	10	600
SQMPMSG		MSGs	5	10	5	5	5	300
TOTAL ALLOCATION			3025	4330	2710	2325	3025	162600

**Note:** These allocations are approximate. Depending on your definition of what is a small, medium, or large DBSPACE, you may want to make different allocations using the Work File Label Definition Facility.

This page reserved.

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## 6.2 Activating Control Center for VSE

Detailed steps to get the program into operational status are defined in *Control Center Installations and Operations Guide for VSE*, GC09-2678.

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## 7.0 Migration Instructions

The *Control Center Installations and Operations Guide for VSE, GC09-2678*, contains step-by-step procedures for migrating to Control Center for VSE V6.1 from Control Center for VSE V5.1 or SQL Master for VSE V1.2.

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### 7.1 Migrating Control Center for VSE

#### 7.1.1 Overview

To migrate Control Center VSE to Version 6.1, follow the instructions in the *Control Center Installations and Operations Guide for VSE, GC09-2678*. An overview of the migration process is included in the third chapter of the manual.

# Reader's Comments

## Program Directory for Control Center for VSE Version 6 Release 1.0

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For each of the topics below please indicate your satisfaction level by circling your choice from the rating scale. If a statement does not apply, please circle N.

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very satisfied	<=====				=====	very dissatisfied
1	2	3	4	5		not applicable N

	Satisfaction					
Ease of product installation	1	2	3	4	5	N
Contents of program directory	1	2	3	4	5	N
Installation Verification Programs	1	2	3	4	5	N
Time to install the product	1	2	3	4	5	N
Readability and organization of program directory tasks	1	2	3	4	5	N
Necessity of all installation tasks	1	2	3	4	5	N
Accuracy of the definition of the installation tasks	1	2	3	4	5	N
Technical level of the installation tasks	1	2	3	4	5	N
Ease of getting the system into production after installation	1	2	3	4	5	N

Did you order this product as an independent product or as part of a package?

- Independent
- Package

If this product was ordered as part of a package, what type of package was ordered?

- CustomPac
  - FunctionPac
  - SystemPac
- System Delivery Offering (SDO)
- Other - Please specify type: . . . . .

Is this the first time your organization has installed this product?

- Yes

No

Were the people who did the installation experienced with the installation of these products?

Yes

No

If yes, how many years? \_\_\_

If you have any comments to make about your ratings above, or any other aspect of the product installation, please list them below:

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Please provide the following contact information:

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Thank you for your participation.

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IBM Canada Ltd. Laboratory  
Information Department  
2G/345/1150/TOR  
1150 Eglinton Avenue East  
North York, Ontario, Canada M3C 1H7

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