

MAINVIEW[®]

Installation Requirements Guide

November 21, 2003



Copyright 2003 BMC Software, Inc. All rights reserved.

BMC Software, the BMC Software logos, and all other BMC Software product or service names are registered trademarks or trademarks of BMC Software, Inc. IBM and DB2 are registered trademarks of International Business Machines Corp.; All other trademarks belong to their respective companies.

BMC Software considers information included in this documentation to be proprietary and confidential. Your use of this information is subject to the terms and conditions of the applicable End User License Agreement for the product and the proprietary and restricted rights notices included in this documentation.

Restricted Rights Legend

U.S. Government Restricted Rights to Computer Software. UNPUBLISHED -- RIGHTS RESERVED UNDER THE COPYRIGHT LAWS OF THE UNITED STATES. Use, duplication, or disclosure of any data and computer software by the U.S. Government is subject to restrictions, as applicable, set forth in FAR Section 52.227-14, DFARS 252.227-7013, DFARS 252.227-7014, DFARS 252.227-7015, and DFARS 252.227-7025, as amended from time to time. Contractor/Manufacturer is BMC Software, Inc., 2101 CityWest Blvd., Houston, TX 77042-2827, USA. Any contract notices should be sent to this address.

Contacting BMC Software

You can access the BMC Software Web site at <http://www.bmc.com>. From this Web site, you can obtain information about the company, its products, corporate offices, special events, and career opportunities.

United States and Canada

Address BMC Software, Inc.
2101 CityWest Blvd.
Houston TX 77042-2827

Telephone 713 918 8800 or
800 841 2031

Fax 713 918 8000

Outside United States and Canada

Telephone (01) 713 918 8800

Fax (01) 713 918 8000

Customer Support

You can obtain technical support by using the Support page on the BMC Software Web site or by contacting Customer Support by telephone or e-mail. To expedite your inquiry, please see “Before Contacting BMC Software.”

Support Web Site

You can obtain technical support from BMC Software 24 hours a day, 7 days a week at http://www.bmc.com/support_home. From this Web site, you can

- read overviews about support services and programs that BMC Software offers
- find the most current information about BMC Software products
- search a database for problems similar to yours and possible solutions
- order or download product documentation
- report a problem or ask a question
- subscribe to receive e-mail notices when new product versions are released
- find worldwide BMC Software support center locations and contact information, including e-mail addresses, fax numbers, and telephone numbers

Support by Telephone or E-mail

In the United States and Canada, if you need technical support and do not have access to the Web, call 800 537 1813. Outside the United States and Canada, please contact your local support center for assistance. To find telephone and e-mail contact information for the BMC Software support center that services your location, refer to the Contact Customer Support section of the Support page on the BMC Software Web site at www.bmc.com/support_home.

Before Contacting BMC Software

Before you contact BMC Software, have the following information available so that Customer Support can begin working on your problem immediately:

- product information
 - product name
 - product version (release number)
 - license number and password (trial or permanent)
- operating system and environment information
 - machine type
 - operating system type, version, and service pack or other maintenance level such as PUT or PTF
 - system hardware configuration
 - serial numbers
 - related software (database, application, and communication) including type, version, and service pack or maintenance level
- sequence of events leading to the problem
- commands and options that you used
- messages received (and the time and date that you received them)
 - product error messages
 - messages from the operating system, such as `file system full`
 - messages from related software



Contents

Chapter 1. Installation Prerequisites	1
Software Requirements	2
DASD Storage Requirements	7
DASD Storage Adjustments for Common Code	11
Calculating Excess Common Code DASD Storage	14
Virtual Storage Estimates	16
System Requirements	26
Before Installation	26
Before Customization	26
Chapter 2. Product Libraries and SMP/E FMIDs	27
Product FMIDs	28
Product Target Libraries and Distribution Libraries	43
Index	83

Tables

1.	Software Requirements	2
2.	DASD Storage Requirements	8
3.	Products and Common Code Values	11
4.	Calculating DASD Storage for MAINVIEW Alternate Access	14
5.	Calculating DASD Storage for CMF Extractor.	15
6.	Virtual Storage Estimates	16
7.	Product-to-FMID Cross-Reference List	29
8.	Product Target and Distribution Libraries	43

About This Book

This book contains prerequisite information that is required for the installation of MAINVIEW products on OS/390 and z/OS systems. You should use this book in conjunction with the *OS/390 and z/OS Installer Guide* to install your products.

Who Should Read This Book

This book should be read by those individuals who install MAINVIEW products using the BMC Software OS/390 and z/OS Installer.

How This Book Is Organized

This book is organized into the following sections:

- Chapter 1, “Installation Prerequisites” on page 1 defines installation requirements such as operating system software, DASD storage, and virtual storage for each product.
- Chapter 2, “Product Libraries and SMP/E FMIDs” on page 27 contains reference tables of the FMIDs and target and distribution libraries for each product.

Required Reading

This book does not describe how to install MAINVIEW products with the OS/390 and z/OS Installer. The installation process is described in the *OS/390 and z/OS Installer Guide*.

Related Reading

Product customization and usage information about BMC Software products can be found in the BMC Software books shipped with your product tape.

Customization information for the following MAINVIEW products is discussed in the *MAINVIEW Common Customization Guide*:

- CMF® MONITOR
- MAINVIEW AutoOPERATOR
- MAINVIEW FOCAL POINT
- MAINVIEW for CICS
- MAINVIEW for DB2
- MAINVIEW for DBCTL
- MAINVIEW for IMS Offline
- MAINVIEW for IMS Online
- MAINVIEW for IP
- MAINVIEW for Linux – Servers
- MAINVIEW for OS/390
- MAINVIEW for UNIX System Services
- MAINVIEW for VTAM
- MAINVIEW for WebSphere Application Server
- MAINVIEW for WebSphere MQ (formerly MAINVIEW for MQSeries)
- MAINVIEW for WebSphere MQ Integrator
- MAINVIEW Storage Resource Manager (SRM)
- MAINVIEW SYSPROG Services
- MAINVIEW VistaPoint

Customization information for MAINVIEW Alternate Access is discussed in the *MAINVIEW Alternate Access Implementation and User Guide*.

Customization information for MAINVIEW Explorer is discussed in the *MAINVIEW Common Customization Guide*.

Product-specific customization information is discussed in the following documents:

CMF MONITOR Customization Guide

InTune User Guide

MAINVIEW AutoOPERATOR Customization Guide

MAINVIEW FOCAL POINT User Guide

MAINVIEW for CICS Customization Guide

MAINVIEW for DB2 Customization Guide

MAINVIEW for DBCTL Customization Guide

MAINVIEW for IMS Offline – Customization and Utilities Guide

MAINVIEW for IMS Online – Customization Guide

MAINVIEW for IP Customization Guide

MAINVIEW for Linux – Servers Customization Guide

MAINVIEW for OS/390 Customization Guide

MAINVIEW for UNIX System Services User Guide and Reference

MAINVIEW for VTAM Customization Guide

MAINVIEW for WebSphere Application Server Customization Guide

MAINVIEW for WebSphere Application Server User Guide

MAINVIEW for WebSphere MQ User Guide

MAINVIEW SRM Customization Guide

MAINVIEW SYSPROG Services Customization Guide

MAINVIEW VistaPoint User Guide

RxD2 User Guide

MAINVIEW Library

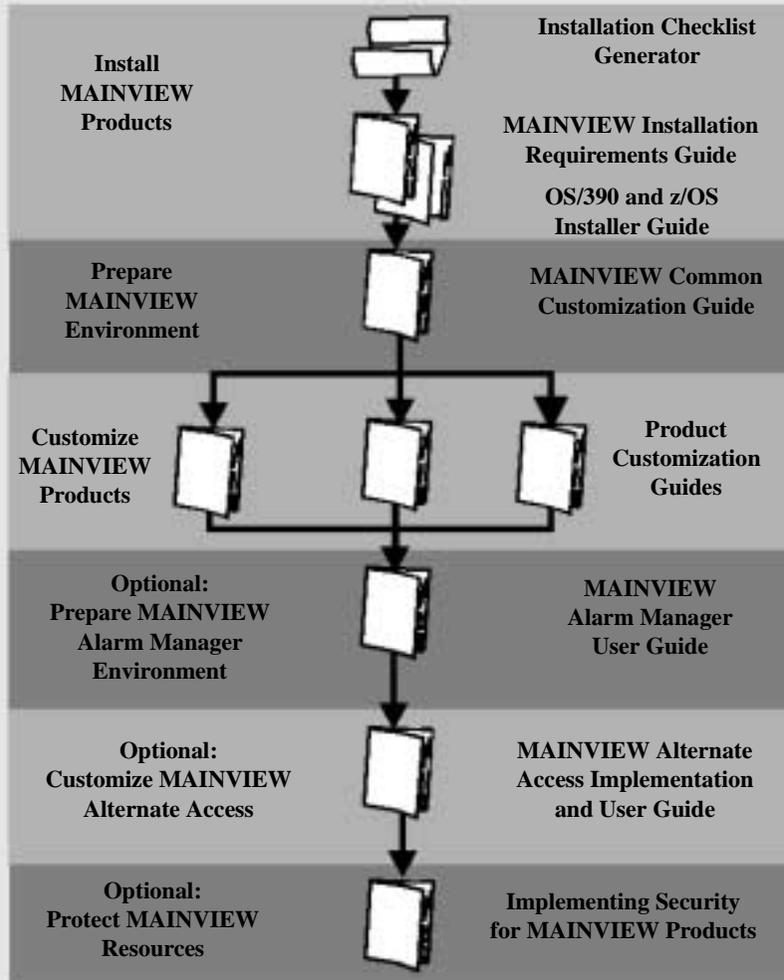
The MAINVIEW library is organized into these three categories:

- Installer documentation
- Administrator documentation
- User documentation

Each book within these categories contains information about specific types of tasks. The following figure shows how each book relates to the other books in the MAINVIEW library.

Installer: Installation/Implementation/Customization Tasks

Installer Documentation



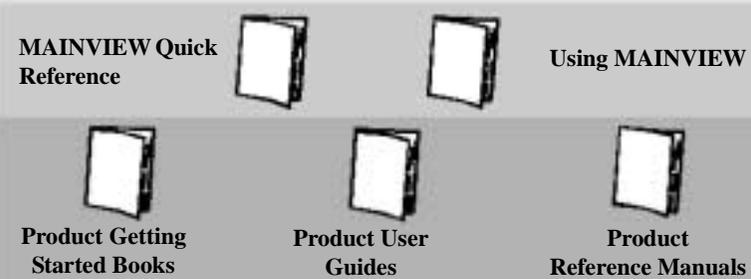
Administrator: System Administration Tasks

Administrator Documentation



User: Tasks Associated with Using a Product

User Documentation



Chapter 1. Installation Prerequisites

This chapter lists the prerequisites you need to consider before you install your MAINVIEW product(s) and make them operational. The following prerequisites are defined:

- The operating system software requirements for your MAINVIEW product(s), described in “Software Requirements” on page 2
- The amount of DASD storage required to install your product(s), described in “DASD Storage Requirements” on page 7
- The amount of virtual storage required to operate your product(s), described in “Virtual Storage Estimates” on page 16
- Target system changes that you may need to make before installation and customization, described in “System Requirements” on page 27

Software Requirements

Table 1 describes operating system software needed for the installation and execution of MAINVIEW products. Additional requirements for product customization are described in the books shipped with your product(s).

Table 1. Software Requirements (Page 1 of 5)

Product	Software required
CMF MONITOR 5.5.xx	OS/390 2.10 or higher ISPF/PDF 3.5 or higher
Energizer for CICS 4.4.00	MVS/ESA SP5 or OS/390 1.1 or higher ISPF/PDF 3.5.0 or higher CICS/ESA 4.1.0, or CICS Transaction Server 1.2, 1.3, or 2.2
InTune 3.1.00 through 3.1.03	MVS/ESA 5.2 or higher, or OS/390, all versions TSO/E 2.3.1 or higher ISPF/PDF 4.1 or higher
MAINVIEW Alarm Manager 2.1	At least one of the following products is required: CMF MONITOR Online MAINVIEW for CICS MAINVIEW for DB2 MAINVIEW for DBCTL MAINVIEW for IMS Online MAINVIEW for Linux – Servers MAINVIEW for OS/390 MAINVIEW for UNIX System Services MAINVIEW for VTAM MAINVIEW for WebSphere Application Server MAINVIEW for WebSphere MQ MAINVIEW Storage Resource Manager (SRM) MAINVIEW VistaPoint
MAINVIEW Alternate Access 3.1.00	MVS/ESA 5.1 or higher TSO/E 2.1 or higher VTAM 2.2 or higher (for VTAM session access only)
MAINVIEW AutoOPERATOR Access for NV 6.3.00	Tivoli NetView for OS/390 v1.2 and later Tivoli NetView for z/OS v5.1 and later OS/390 2.10 or higher or z/OS 1.1 or higher
MAINVIEW AutoOPERATOR for CICS 6.3.00	CICS TS for OS/390 v1.3 and later, CICS TS for z/OS v2.1 and later OS/390 2.10 or higher or z/OS 1.1 or higher
MAINVIEW AutoOPERATOR for IMS 6.3.00	IMS/ESA 6.1 or higher OS/390 2.10 or higher or z/OS 1.1 or higher
MAINVIEW AutoOPERATOR for MQSeries 6.3.00	MQSeries for MVS/ESA 1.2 or higher OS/390 2.10 or higher or z/OS 1.1 or higher
MAINVIEW AutoOPERATOR for OS/390 6.3.00	OS/390 2.10 or higher or z/OS 1.1 or higher

Table 1. Software Requirements (Page 2 of 5)

Product	Software required
MAINVIEW AutoOPERATOR TapeSHARE 6.3.00	MAINVIEW AutoOPERATOR for OS/390 6.3.00
MAINVIEW Explorer 4.1 Software for the Host Server	<p>MVS/ESA version 4.3 or higher with IBM TCP/IP version 3.2, or OS/390 version 2.5 or higher with eNetwork Communications Server (CS) IP features, and at least one of the following products:</p> <p>CMF MONITOR MAINVIEW for CICS MAINVIEW for DB2 MAINVIEW for DBCTL MAINVIEW for IMS Online MAINVIEW for Linux – Servers MAINVIEW for OS/390 MAINVIEW for UNIX System Services MAINVIEW for VTAM MAINVIEW for WebSphere Application Server MAINVIEW for WebSphere MQ MAINVIEW VistaPoint</p> <p>Note: BMC Software does not support TCPaccess™ from CA.</p>
MAINVIEW Explorer 4.1 Software for the Web Browser Workstation	Microsoft Internet Explorer release 5.0 or higher Microsoft Windows 95, 98, 2000, or NT Workstation release 4.0 or higher with Java level 1.2 support
MAINVIEW Explorer 4.1 Hardware for the Web Browser Workstation	<p>Any Pentium processor with 200MHz processing or greater 64MB of RAM 110MB available hard disk space for application files and cache VGA monitor with 1024 x 768 or higher resolution Mouse or other pointing device TCP/IP connection hardware (Ethernet card, token ring, or dial up networking using a modem or ISDN line)</p>
MAINVIEW FOCAL POINT 1.2.01 MAINVIEW FOCAL POINT execution in an ISPF window	ISPF/PDF release 2.2 or higher MVS/XA (SP 2 or higher) or MVS/ESA (SP 3 or SP 4 or higher)
MAINVIEW for CICS 5.6.00	At least one of the following products is required: CICS/ESA 4.1.0, or CICS Transaction Server 1.1, 1.2, 1.3, 2.1 or 2.2 MVS/ESA 4.2.2 or higher, or OS/390 2.1 or higher or z/OS 1.1 or higher
MAINVIEW for CICS 5.7.00	At least one of the following products is required: CICS/ESA 4.1.0, or CICS Transaction Server 1.1, 1.2, 1.3, 2.1 or 2.2 MVS/ESA 4.2.2 or higher, or OS/390 2.1 or higher or z/OS 1.1 or higher
MAINVIEW for DB2 7.2.00	At least one of the following products is required: DB2 6.1 or 7.1 OS/390 2.6 or higher or z/OS 1.1 or higher

Table 1. Software Requirements (Page 3 of 5)

Product	Software required
MAINVIEW for DBCTL 3.3.20	IMS 5.1, 6.1, 7.1, or 8.1 CICS/ESA 3.1, or higher or CICS Transaction Server 1.1 or higher DB2 4.1, 5.1, 6.1, or 7.1 IRLM 1.5 or 2.1 MVS/ESA 4.2 or higher or OS/390 2.1 or higher or z/OS 1.1 or higher
MAINVIEW for IMS Offline 3.3.20	IMS 5.1, 6.1, 7.1, or 8.1 CICS/ESA 3.1, 3.2.1, 3.3, or 4.1 or CICS Transaction Server 1.1 or higher DB2 3.1, 4.1, 5.1, 6.1, or 7.1 MVS/ESA 4.2 or higher or OS/390 2.1 or higher or z/OS 1.1 or higher
MAINVIEW for IMS Online 3.3.20	IMS 5.1, 6.1, 7.1, or 8.1 CICS/ESA 3.1, 3.2.1, 3.3, or 4.1 or CICS Transaction Server 1.1 or higher DB2 3.1, 4.1, 5.1, 6.1, or 7.1 IRLM 1.5 or 2.1 MVS/ESA 4.2 or higher or OS/390 2.1 or higher or z/OS 1.1 or higher
MAINVIEW for DBCTL 3.3.30	IMS 5.1, 6.1, 7.1, or 8.1 CICS/ESA 3.1 or higher or CICS Transaction Server 1.1 or higher DB2 4.1, 5.1, 6.1, or 7.1 IRLM 1.5 or 2.1 MVS/ESA 5.1 or higher or OS/390 2.6 or higher or z/OS 1.1 or higher
MAINVIEW for IMS Offline 3.3.30	IMS 5.1, 6.1, 7.1, or 8.1 CICS/ESA 3.1, 3.2.1, 3.3, or 4.1 or CICS Transaction Server 1.1 or higher DB2 3.1, 4.1, 5.1, 6.1, or 7.1 MVS/ESA 5.1 or higher or OS/390 2.6 or higher or z/OS 1.1 or higher
MAINVIEW for IMS Online 3.3.30	IMS 5.1, 6.1, 7.1, or 8.1 CICS/ESA 3.1, 3.2.1, 3.3, or 4.1 or CICS Transaction Server 1.1 or higher DB2 3.1, 4.1, 5.1, 6.1, or 7.1 IRLM 1.5 or 2.1 MVS/ESA 5.1 or higher or OS/390 2.6 or higher or z/OS 1.1 or higher
MAINVIEW for IP 2.2.00	OS/390 2.6 through z/OS 1.4 or higher IBM TCP/IP stack

Table 1. Software Requirements (Page 4 of 5)

Product	Software required
MAINVIEW for Linux – Servers 1.3.00	OS/390 2.8 or higher or z/OS 1.1 or higher Linux Distributions: Red Hat Linux 7.1 (i32) Red Hat Linux 7.2 (i32) Red Hat Linux 7.3 (i32) Red Hat Enterprise Linux Advances Server (i 32) Red Hat Linux zSeries 7.2 (31-bit) SuSE Linux 7.2 (i32) SuSE Linux Enterprise Server 7 (i32) SuSE Linux 7.3 (i32) SuSE 8.0 (i32) SuSE Linux Enterprise Server 7.2 for zSeries (31- and 64-bit) SuSE Linux Enterprise Server 8 for zSeries (31- and 64-bit) SuSE Linux Enterprise Server 8 (i32)
MAINVIEW for OS/390 2.7.xx	OS/390 2.10 or higher
MAINVIEW for UNIX System Services (USS) 1.2.00	OS/390 1.2 or higher
MAINVIEW for UNIX System Services (USS) 1.3.00	OS/390 2.10 or higher
MAINVIEW for VTAM 1.3.00	ULTRAOPT 4.1.00 or higher MVS 4.3 through OS/390 2.9 or higher VTAM 4.3 or higher
MAINVIEW for WebSphere Application Server 2.1.00	OS/390 2.10 (or higher) or z/OS 1.1 (or higher) IBM HTTP Server 5.3 or higher IBM WebSphere Application Server for z/OS and OS/390, version 3.5 or higher
MAINVIEW for WebSphere MQ 4.2.00 (formerly known as MAINVIEW for MQSeries)	MQSeries for MVS 1.2.0 MQSeries for OS/390 2.1.0 or 5.2.0 Level 2-compliant distributed MQSeries MVS/ESA 4.2.2 or higher ISPF/PDF 2.2 or higher
MAINVIEW for Websphere MQ Integrator 4.2.00 (formerly known as MAINVIEW for MQSeries)	MAINVIEW for WebSphere MQ 4.2 WebSphere MQ Integrator 2.1
MAINVIEW Storage Resource Manager (SRM) 7.2.01	OS/390 2.09 or higher z/OS 1.1 or higher MAINVIEW Infrastructure 4.1.2 or higher
MAINVIEW SYSPROG Services 3.2.01	OS/390 1.2 or higher ISPF/PDF 3.5 or higher

Table 1. Software Requirements (Page 5 of 5)

Product	Software required
MAINVIEW VistaPoint 1.1.04	MVS/ESA (SP4 or higher) ISPF/PDF 2.2 or higher
RxD2 2.1.00 RxD2/FlexTools RxD2/LINK	At least one release of DB2 6.1 or 7.1 OS/390 2.6 or higher or z/OS 1.1 or higher TSO/E version 2.3.1 or higher ISPF/PDF 4.1 or higher

DASD Storage Requirements

This section describes how to define the DASD (direct access storage device) storage needed to install MAINVIEW products.

The target and distribution library DASD storage requirements for MAINVIEW products are listed in Table 2 on page 8. To determine the amount of DASD space needed, use the following formulas.

Primary Allocation Formula

The formula to determine the primary allocation of storage is as follows:

1. Use Table 2 on page 8 to find the DASD storage estimates for each product being installed.

Note: If you are installing into run time libraries alone, use the DASD storage estimates in Table 2 for the target libraries.

2. Total these estimates.

Note: If you are installing only one product or have no common code between products, skip Step 3.

3. Establish whether common code exists between products by referring to Table 3 on page 11. If common code does exist:

- a. Calculate the total excess common code DASD storage estimate. Go to “DASD Storage Adjustments for Common Code” on page 11.

- b. Subtract the total excess common code DASD storage estimate from the total required DASD storage estimate. Go to “Calculating Excess Common Code DASD Storage” on page 14.

4. Multiply the total by

- 150% for one product
- 140% for two products
- 130% for three products
- 125% for four or more products

5. Add 40 cylinders to factor in the space requirements for the SMP/E log and VSAM CSI data sets.

The final computation is the initial estimate for the complete SMP/E system.

Secondary Allocation Formula

The formula to determine the secondary allocation of storage for target libraries and distribution libraries is 25% of the primary allocation.

Storage is given in 3390 units in the following table. To convert 3390 to 3380, multiply by 1.22.

Table 2. DASD Storage Requirements (Page 1 of 3)

Product	Libraries	Required DASD storage	Total required DASD storage
CMF MONITOR 5.5.xx	Target Libraries	185 cylinders	335 cylinders
	Distribution Libraries	150 cylinders	
Energizer for CICS 4.4.00	Target Libraries	24 cylinders	50 cylinders
	Distribution Libraries	26 cylinders	
InTune 3.1.00 through 3.1.03	Target Libraries	30 cylinders	63 cylinders
	Distribution Libraries	33 cylinders	
MAINVIEW AutoOPERATOR 6.3.00	Target Libraries	80 cylinders	175 cylinders
	Distribution Libraries	95 cylinders	
MAINVIEW Explorer 4.1	Target Libraries	15 cylinders	35 cylinders
	Distribution Libraries	20 cylinders	
MAINVIEW FOCAL POINT 1.2.01	Target Libraries	26 cylinders	59 cylinders
	Distribution Libraries	33 cylinders	
MAINVIEW for CICS 5.6.00	Target Libraries	175 cylinders	335 cylinders
	Distribution Libraries	160 cylinders	
MAINVIEW for CICS 5.7.00	Target Libraries	175 cylinders	335 cylinders
	Distribution Libraries	160 cylinders	

Table 2. DASD Storage Requirements (Page 2 of 3)

Product	Libraries	Required DASD storage	Total required DASD storage
MAINVIEW for DB2 7.2.00 Note: If you are installing the MAINVIEW for DB2 optional components, allow additional storage as follows: <ul style="list-style-type: none"> • 343 cylinders for MAINVIEW for DB2 – Data Collector • 205 cylinders for CATALOG MANAGER Browse For more information, see the <i>System and SQL Performance for DB2 Customization Guide</i> and the <i>Administrative Products for DB2 Customization Guide</i> .	Target Libraries	205 cylinders	390 cylinders
	Distribution Libraries	185 cylinders	
MAINVIEW for DBCTL 3.3.20	Target Libraries	155 cylinders	325 cylinders
	Distribution Libraries	170 cylinders	
MAINVIEW for IMS Offline 3.3.20	Target Libraries	35 cylinders	70 cylinders
	Distribution Libraries	35 cylinders	
MAINVIEW for IMS Online 3.3.20	Target Libraries	155 cylinders	325 cylinders
	Distribution Libraries	170 cylinders	
MAINVIEW for DBCTL 3.3.30	Target Libraries	155 cylinders	325 cylinders
	Distribution Libraries	170 cylinders	
MAINVIEW for IMS Offline 3.3.30	Target Libraries	35 cylinders	70 cylinders
	Distribution Libraries	35 cylinders	
MAINVIEW for IMS Online 3.3.30	Target Libraries	155 cylinders	325 cylinders
	Distribution Libraries	170 cylinders	
MAINVIEW for IP 2.2.00	Target Libraries	100 cylinders	180 cylinders
	Distribution Libraries	80 cylinders	
MAINVIEW for Linux – Servers 1.3.00	Target Libraries	263 cylinders	458 cylinders
	Distribution Libraries	195 cylinders	
MAINVIEW for OS/390 2.7.xx	Target Libraries	200 cylinders	365 cylinders
	Distribution Libraries	165 cylinders	

Table 2. DASD Storage Requirements (Page 3 of 3)

Product	Libraries	Required DASD storage	Total required DASD storage
MAINVIEW for UNIX System Services 1.2.00	Target Libraries	195 cylinders	350 cylinders
	Distribution Libraries	155 cylinders	
MAINVIEW for UNIX System Services 1.3.00	Target Libraries	195 cylinders	350 cylinders
	Distribution Libraries	155 cylinders	
MAINVIEW for VTAM 1.3.00	Target Libraries	95 cylinders	170 cylinders
	Distribution Libraries	75 cylinders * Prerequisite product, ULTRAOPT 4.2.00, requires 35 cylinders for Distribution Libraries	
MAINVIEW for WebSphere Application Server 2.1.00	Target Libraries	284 cylinders	550 cylinders
	Distribution Libraries	266 cylinders	
MAINVIEW for WebSphere MQ 4.2.00 and MAINVIEW for WebSphere MQ Integrator 4.2.00	Target Libraries	110 cylinders	205 cylinders
	Distribution Libraries	95 cylinders	
MAINVIEW Storage Resource Manager (SRM) 7.2.01	Target Libraries	100 cylinders	170 cylinders
	Distribution Libraries	70 cylinders	
MAINVIEW SYSPROG Services 3.2.01	Target Libraries	170 cylinders	305 cylinders
	Distribution Libraries	135 cylinders	
MAINVIEW VistaPoint 1.1.04	Target Libraries	100 cylinders	180 cylinders
	Distribution Libraries	80 cylinders	
Rx2D2/Flex Tools 2.1.00	Target Libraries	15 cylinders	30 cylinders
	Distribution Libraries	15 cylinders	
Rx2D2/LINK 2.1.00	Target Libraries	10 cylinders	20 cylinders
	Distribution Libraries	10 cylinders	

DASD Storage Adjustments for Common Code

If you are installing multiple MAINVIEW products, or have other BMC Software products currently installed on your system, common code may exist between them. During the installation of your products, only one copy of the common code is installed on a single system. The total DASD storage estimates for each product (see Table 2 on page 8) includes the space estimates for excess instances of common code. In order to accurately estimate the amount of DASD storage needed to install your MAINVIEW products, excess common code DASD estimates must be calculated and *subtracted* from the total DASD storage estimate.

Table 3 lists the common code for each product and the amount of DASD storage the common code uses.

Table 3. Products and Common Code Values (Page 1 of 3)

Common code	Products	Storage in cylinders		
		Target Library	Distribution Library	Total common code DASD storage
BMC Software Intercommunications (BBI) 2.6.00	MAINVIEW AutoOPERATOR MAINVIEW FOCAL POINT MAINVIEW for CICS MAINVIEW for DB2 MAINVIEW for DBCTL MAINVIEW for IMS Online MAINVIEW for WebSphere MQ MAINVIEW for WebSphere MQ Integrator	15	20	35
MAINVIEW Infrastructure (MVI) 4.1	CMF MONITOR MAINVIEW for CICS MAINVIEW for DB2 MAINVIEW for DBCTL MAINVIEW for IMS Online MAINVIEW for IP MAINVIEW for Linux – Servers MAINVIEW for WebSphere MQ MAINVIEW for WebSphere MQ Integrator MAINVIEW for OS/390 MAINVIEW for UNIX System Services MAINVIEW for VTAM MAINVIEW for WebSphere Application Server MAINVIEW Storage Resource Manager MAINVIEW SYSPROG Services MAINVIEW VistaPoint	70	55	125

Table 3. Products and Common Code Values (Page 2 of 3)

Common code	Products	Storage in cylinders		
		Target Library	Distribution Library	Total common code DASD storage
BMC Software License Facility	CMF MONITOR Energizer for CICS MAINVIEW FOCAL POINT MAINVIEW for CICS MAINVIEW for DB2 MAINVIEW for IP MAINVIEW for Linux – Servers MAINVIEW for WebSphere MQ MAINVIEW for WebSphere MQ Integrator MAINVIEW for OS/390 MAINVIEW for UNIX System Services MAINVIEW for VTAM MAINVIEW for WebSphere Application Server MAINVIEW SYSPROG Services MAINVIEW VistaPoint	10	10	20
MAINVIEW Alarm Manager	CMF MONITOR MAINVIEW for CICS MAINVIEW for DB2 MAINVIEW for DBCTL MAINVIEW for IMS Online MAINVIEW for Linux – Servers MAINVIEW for WebSphere MQ MAINVIEW for WebSphere MQ Integrator MAINVIEW for OS/390 MAINVIEW for UNIX System Services MAINVIEW for WebSphere Application Server MAINVIEW Storage Resource Manager MAINVIEW SYSPROG Services MAINVIEW VistaPoint	12	11	23
MAINVIEW Alternate Access	CMF MONITOR InTune MAINVIEW AutoOPERATOR MAINVIEW FOCAL POINT MAINVIEW for CICS MAINVIEW for DB2 MAINVIEW for DBCTL MAINVIEW for IMS Online MAINVIEW for WebSphere MQ MAINVIEW for WebSphere MQ Integrator MAINVIEW for OS/390 MAINVIEW for UNIX System Services MAINVIEW SYSPROG Services MAINVIEW VistaPoint	2	3	5

Table 3. Products and Common Code Values (Page 3 of 3)

Common code	Products	Storage in cylinders		
		Target Library	Distribution Library	Total common code DASD storage
CMF Analyzer Component 5.4.00	CMF MONITOR	10	10	20
CMF Extractor Component 5.4.00	CMF MONITOR MAINVIEW for OS/390	51	55	106
Online Transaction Processing (OLTP) Component 2.1.00	MAINVIEW AutoOPERATOR MAINVIEW for CICS MAINVIEW for DBCTL MAINVIEW for IMS Online	5	5	10
@DAM Component 4.1.00	CMF MONITOR InTune	3	3	6

Calculating Excess Common Code DASD Storage

To estimate the amount of DASD storage needed to install your MAINVIEW products, you need to deduct the total excess common code DASD storage from the total DASD storage estimate. To find the estimate, perform the following:

For each common code element listed in Table 3 on page 11:

1. Identify the common code for each product.
2. Count the number of products you are installing within each common code category.

For example, MAINVIEW AutoOPERATOR, CMF MONITOR, and MAINVIEW for OS/390 are three of the products that share MAINVIEW Alternate Access common code, as shown in Table 4 on page 14. For a complete list of products that use MAINVIEW Alternate Access common code, see Table 3 on page 11.

As another example, CMF MONITOR and MAINVIEW for OS/390 share CMF Extractor common code, as shown in Table 5 on page 15.

3. Calculate the excess common code DASD storage subtotal, using the following formula:

$$C = (P - 1) * A$$

where:

C = total excess common code DASD storage subtotal in cylinders

P = the number of products being installed that are listed in the common code category

A = the common code value for one product in cylinders

Table 4. Calculating DASD Storage for MAINVIEW Alternate Access

Common code	Products	Common code DASD storage for MAINVIEW Alternate Access	Excess common code DASD storage estimate
MAINVIEW Alternate Access	CMF MONITOR	5 cylinders (not excess)	
	MAINVIEW AutoOPERATOR	5 cylinders	5 cylinders
	MAINVIEW for OS/390	5 cylinders	5 cylinders
Excess common code DASD storage subtotal (for MAINVIEW Alternate Access)			10 cylinders
Calculation is (3 - 1) * 5 = 10 cylinders			

Table 5. Calculating DASD Storage for CMF Extractor

Common code	Products	Common code DASD storage for CMF Extractor	Excess common code DASD storage estimate
CMF Extractor	CMF MONITOR	112 cylinders (not excess)	
	MAINVIEW for OS/390	112 cylinders	112 cylinders
Excess common code DASD storage subtotal (for CMF Extractor)			112 cylinders
Calculation is (2 - 1) * 112 = 112 cylinders			

4. Add the excess common code subtotals to obtain the total excess common code calculation.

For example, in Table 4 the excess common code for MAINVIEW Alternate Access is 10 cylinders. In Table 5, the excess common code for CMF Extractor is 112 cylinders. The total excess common code DASD storage is the sum of these or 122 cylinders (10 + 112 = 122).

5. Return to “Primary Allocation Formula” on page 7 and continue with Step 4.

Virtual Storage Estimates

This section describes how to estimate the virtual storage required to operate MAINVIEW products. Table 6 provides virtual storage estimates for SMP/E-formatted products. Add storage required for installed components only.

Table 6. Virtual Storage Estimates (Page 1 of 11)

Product	Virtual storage estimates		
CMF MONITOR		CSA	ECSA
	CAS	16K	2770K
	MVS PAS	12K+	2050K+*
	MAINVIEW Alarm Manager PAS	0K	23K
	BBX	20K	200K+**
	UAS	0K	***
	<p>* Plus value per CSA parameter of the REPORT control statement</p> <p>** Plus 32 bytes multiplied by the number of UCBs.</p> <p>*** If you are using MAINVIEW Alternate Access instead of a TSO session to access the product, add the values listed for MAINVIEW Alternate Access instead of the values for the TSO session.</p>		
	<p>Private storage is obtained from high-end private subpools for CAS, PAS, and UAS; it is not restricted by the region size of the address space.</p>		
Energizer for CICS	<p>For the Reporting Address Space:</p> <ul style="list-style-type: none"> - 9500 bytes of ECSA for the Base Area - 9250 bytes of ECSA for each CICS system defined with the NUMCICS parameter (The default is 10 CICS systems) 		

Table 6. Virtual Storage Estimates (Page 2 of 11)

Product	Virtual storage estimates
InTune	<p>For the InTune started task:</p> <ul style="list-style-type: none"> - Region size of 4MB <p>When InTune is not monitoring a job:</p> <ul style="list-style-type: none"> - 4K of CSA - 8K of ECSA <p>For each monitor invoked:</p> <ul style="list-style-type: none"> - 4K of SQA - 160K of ECSA <p>Waiting monitors use no SQA or ECSA.</p> <p>To analyze a monitor session in TSO:</p> <ul style="list-style-type: none"> - 500K of extended private storage per 1000 samples
MAINVIEW Alarm Manager	<p>128 bytes of CSA 15KB of ECSA 2444KB of private area storage</p>
MAINVIEW Alternate Access	<p>4MB of private area storage 128 bytes of CSA for the LAS 384 bytes of CSA for each VTAM TAS 6K CSA for all EXCP processing</p>

Table 6. Virtual Storage Estimates (Page 3 of 11)

Product	Virtual storage estimates
MAINVIEW AutoOPERATOR	<ul style="list-style-type: none"> • Per NetView target systems 320K plus an additional 10K for every user logged on through a TS or active thread. An OST can run in as little as 16K. • Per BBI-SS PAS (with MAO, IAO, CAO, and Access NV) 2500K private area storage <ul style="list-style-type: none"> – 30K CSA (subpool 231 and subpool 241) – 190K ECSA • Per TS 2500K private area storage <ul style="list-style-type: none"> – For each group of 12 active TSs or fraction thereof: 8K ECSA (subpool 241) – For each active TS: 4K CSA (subpool 238 and subpool 241) • Per CICS target systems 0K CSA • Per IMS target systems 45K IMS control region private storage 2.5K CSA (subpool 241)
MAINVIEW Explorer	256KB of extended private storage per client connection
MAINVIEW FOCAL POINT	<p>Private area storage:</p> <ul style="list-style-type: none"> • Per BBI-SS PAS 70K in the BBI-SS PAS • Per TS $20K + (NTGT * (NMON * 5 \text{ bytes}) + 80 \text{ bytes}) + 23 \text{ bytes} * NMONOV$ <p>where</p> <p>NTGT Is the number of defined targets. NMON Is the number of global monitors. NMONOV Is the number of monitor overrides.</p>

Table 6. Virtual Storage Estimates (Page 4 of 11)

Product	Virtual storage estimates
MAINVIEW for CICS	<ul style="list-style-type: none"> • CSA and ECSA <ul style="list-style-type: none"> – Per each active BBI-SS PAS <ul style="list-style-type: none"> 45K MVS/XA CSA 40K MVS/XA ECSA 20K transient CSA (subpool 228) – Per CICS target system <ul style="list-style-type: none"> 1K CSA 5K ECSA – Per CAS <ul style="list-style-type: none"> 16K CSA 2770K ECSA • BBI-SS PAS private area storage <ul style="list-style-type: none"> – Base modules <ul style="list-style-type: none"> 2500K – Background problem services <ul style="list-style-type: none"> 4K extended private for every 50 problems logged – Data collection: Graph monitor type <ul style="list-style-type: none"> File: <ul style="list-style-type: none"> 206 bytes extended private for file resource Medium: <ul style="list-style-type: none"> 1,223 bytes extended private for medium resource Long: <ul style="list-style-type: none"> 2,483 bytes extended private for long resource DL/I: <ul style="list-style-type: none"> 3,086 bytes extended private for DL/I resource <p style="margin-left: 20px;">Additionally, 8K extended private for every 640 resources being monitored</p>

Table 6. Virtual Storage Estimates (Page 5 of 11)

Product	Virtual storage estimates
MAINVIEW for DB2	<ul style="list-style-type: none"> • Per BBI-SS PAS <ul style="list-style-type: none"> 2500K private area storage – Each active BBI-SS PAS <ul style="list-style-type: none"> 10K CSA (subpool 241) 20K ECSA (subpool 241) • Per TS <ul style="list-style-type: none"> 2000K private area storage – Each active TS <ul style="list-style-type: none"> 8K ECSA (subpool 241) – Each group of 12 active TSs or fraction thereof <ul style="list-style-type: none"> 4K CSA (subpool 241) • Per CAS <ul style="list-style-type: none"> – 16K CSA – 2770K ECSA

Table 6. Virtual Storage Estimates (Page 6 of 11)

Product	Virtual storage estimates
MAINVIEW for DBCTL	<ul style="list-style-type: none"> • IMF AOI Exit <ul style="list-style-type: none"> 10K IMS control region private storage 7K CSA (subpool 241) • Event Collector <ul style="list-style-type: none"> – IMS 5.1 66K ECSA, 16K CSA (subpool 231) – IMS 6.1 66K ECSA, 16K CSA (subpool 231) – IMS 7.1 66K ECSA, 16K CSA (subpool 231) – IMS 8.1 (MAINVIEW for DBCTL 3.3.20 and higher) 66K ECSA, 16K CSA (subpool 231) – Fast Path support 10K ECSA (subpool 231) – Each active dependent region 5K ECSA (subpool 231) • Each active MWAIT monitor 5.2K CSA (subpool 241) • Any active detail trace (MTRAC) <ul style="list-style-type: none"> TRBUFF * TRSIZE ECSA (subpool 241) Specified in BBPARM member IMFBEX00 • Per CAS <ul style="list-style-type: none"> – 16K CSA – 2770K ECSA • Per BBI-SS PAS <ul style="list-style-type: none"> – 2500K private area storage – Each active BBI-SS PAS 10K CSA (subpool 241) 25K ECSA (subpool 241) • Per TS <ul style="list-style-type: none"> – 1000K private area storage – Each active TS 8K ECSA (subpool 241) – Each group of 12 active TSs or fraction thereof 4K CSA (subpool 241)

Table 6. Virtual Storage Estimates (Page 7 of 11)

Product	Virtual storage estimates
MAINVIEW for IMS Offline	<ul style="list-style-type: none"> • IMF AOI Exit <ul style="list-style-type: none"> 10K IMS control region private storage 7K CSA (subpool 241) • Event Collector <ul style="list-style-type: none"> – IMS 5.1 <ul style="list-style-type: none"> 66K ECSA, 16K CSA (subpool 231) – IMS 6.1 <ul style="list-style-type: none"> 66K ECSA, 16K CSA (subpool 231) – IMS 7.1 <ul style="list-style-type: none"> 66K ECSA, 16K CSA (subpool 231) – IMS 8.1 (MAINVIEW for IMS Online 3.3.20 and higher) <ul style="list-style-type: none"> 66K ECSA, 16K CSA (subpool 231) – Fast Path support <ul style="list-style-type: none"> 10K ECSA (subpool 231) – Each active dependent region <ul style="list-style-type: none"> 5K ECSA (subpool 231) • Each active MWAIT monitor <ul style="list-style-type: none"> 5.2K CSA (subpool 241)

Table 6. Virtual Storage Estimates (Page 8 of 11)

Product	Virtual storage estimates
MAINVIEW for IMS Online	<ul style="list-style-type: none"> • IMF AOI Exit <ul style="list-style-type: none"> 10K IMS control region private storage 7K CSA (subpool 241) • Event Collector <ul style="list-style-type: none"> – IMS 5.1 66K ECSA, 16K CSA (subpool 231) – IMS 6.1 66K ECSA, 16K CSA (subpool 231) – IMS 7.1 66K ECSA, 16K CSA (subpool 231) – IMS 8.1 (MAINVIEW for IMS Online 3.3.20 and higher) 66K ECSA, 16K CSA (subpool 231) – Fast Path support 10K ECSA (subpool 231) – Each active dependent region 5K ECSA (subpool 231) • Each active MWAIT monitor 5.2K CSA (subpool 241) • Any active detail trace (MTRAC) <ul style="list-style-type: none"> TRBUFF * TRSIZE ECSA (subpool 241) Specified in BBPARM member IMFBEX00 • Per CAS <ul style="list-style-type: none"> – 16K CSA – 2770K ECSA • Per BBI-SS PAS <ul style="list-style-type: none"> – 2500K private area storage – Each active BBI-SS PAS 10K CSA (subpool 241) 25K ECSA (subpool 241) • Per TS <ul style="list-style-type: none"> – 1000K private area storage – Each active TS 8K ECSA (subpool 241) – Each group of 12 active TSs or fraction thereof 4K CSA (subpool 241)

Table 6. Virtual Storage Estimates (Page 9 of 11)

Product	Virtual storage estimates	
MAINVIEW for OS/390		CSA ECSA
	CAS	16K 2770K
	MVS PAS	12K+ 2050K+*
	MAINVIEW Alarm Manager PAS	0K 23K
	BBX	20K 200K+**
	UAS	0K ***
	*	Plus value per CSA parameter of the REPORT control statement
	**	Plus 32 bytes multiplied by the number of UCBs.
	***	If you are using MAINVIEW Alternate Access instead of a TSO session to access the product, add the values listed for MAINVIEW Alternate Access instead of the values for the TSO session.
	Private storage is obtained from high-end private subpools for CAS, PAS, and UAS; it is not restricted by the region size of the address space.	

Table 6. Virtual Storage Estimates (Page 10 of 11)

Product	Virtual storage estimates	
MAINVIEW for UNIX System Services (USS)	CSA	ECSA
	CAS	16K 2770K
	MVS PAS	12K+ 2050K+
	MAINVIEW Alarm Manager PAS	0K 23K
	BBX	20K 200K+*
	UAS	0K **
	<p>* Plus 32 bytes multiplied by the number of UCBs. ** If you are using MAINVIEW Alternate Access instead of a TSO session to access the product, add the values listed for MAINVIEW Alternate Access instead of the values for the TSO session.</p>	
	<p>Private storage is obtained from high-end private subpools for CAS, PAS, and UAS; it is not restricted by the region size of the address space.</p>	
MAINVIEW for WebSphere MQ and MAINVIEW for WebSphere MQ Integrator	16K of CSA for the CAS 2770K of ECSA for the CAS 42K of ECSA for the PAS 180K of ECSA for each MVS Queue Manager	
MAINVIEW Storage Resource Manager (SRM) (without application collector)	75K CSA 967K ECSA	
MAINVIEW Storage Resource Manager (SRM) (with application collector)	80K CSA 1099K ECSA	

Table 6. Virtual Storage Estimates (Page 11 of 11)

Product	Virtual storage estimates		
MAINVIEW SYSPROG Services		CSA	ECSA
	CAS	16K	2770K
	MVS		
	PAS	12K+	2050K+
	MAINVIEW		
	Alarm		
	Manager		
	PAS	0K	23K
	BBX	20K	200K+*
	UAS	0K	**
	<p>* Plus 32 bytes multiplied by the number of UCBs.</p> <p>** If you are using MAINVIEW Alternate Access instead of a TSO session to access the product, add the values listed for MAINVIEW Alternate Access instead of the values for the TSO session.</p> <p>Private storage is obtained from high-end private subpools for CAS, PAS, and UAS; it is not restricted by the region size of the address space.</p>		
MAINVIEW VistaPoint	No additional CSA requirements beyond associated client products		
RxD2	65K additional private area storage		

System Requirements

You may need to make the following target system changes before installing and customizing your MAINVIEW products.

Before Installation

Before installing your MAINVIEW products, determine if your site security system controls access to tape data sets at the data set name level. If so, you must perform the following:

- Define a rule for each data set to provide read access (by first scanning the tape to determine the data set names).
- Execute the installation jobs using an authority level sufficient to provide generic read access.

Before Customization

If you are going to perform AutoCustomization, you must ensure write access to

- SYS1.PARMLIB
- A JES procedure library (SYS1.PROCLIB or equivalent)
- A previously APF-authorized load library
- SYS1.VTAMLST or equivalent for MAINVIEW Alternate Access

For information about AutoCustomization, see the *OS/390 and z/OS Installer Guide*.

Chapter 2. Product Libraries and SMP/E FMIDs

This chapter contains two reference tables of product information. Table 7 lists the products and shows the FMIDs (function modification IDs) for each product. Table 8 on page 44 lists the product target libraries and distribution libraries allocated to each product during installation.

Product FMIDs

Table 7 contains an alphabetized list of MAINVIEW products and the corresponding FMIDs.

Table 7. Product-to-FMID Cross-Reference List (Page 1 of 15)

Product	FMIDs
CMF MONITOR 5.4.00 and 5.4.01	ASAR70D BBAAA20 BBAPW32 BBBBX16 BBGAD41 BBHZZ11 BBMCA54 BBMCH54 BBMCX54 BBMC054 BBMDA20 BBMDX20 BBPCM54 BBTES21 BBTTC11 BBVVT31 BBYAB54 BBYDZ26 BBYZX33 BBYZZ40 LSCR50I

Table 7. Product-to-FMID Cross-Reference List (Page 2 of 15)

Product	FMIDs
CMF MONITOR 5.5.xx	ASAR70D BBAAA20 BBACM20 BBAPW32 BBBBX16 BBGAD41 BBHZZ21 BBIIS25 BBISS26 BBMC055 BBMCA55 BBMCH55 BBMCX55 BBMDA20 BBMDX20 BBOI063 BBOIM63 BBPCM55 BBTES21 BBTTC11 BBVVT31 BBYAB55 BBYDZ27 BBYZX33 BBYZZ41 LSCR50I
Energizer for CICS 4.4.00	BBAAA20 BBACM20 BBAPW32 BBCAT44
InTune 3.1.00 through 3.1.03	BBAAA20 BBMTN31 BBGAD41 BBVVT31
MAINVIEW Alarm Manager 2.1	BBAAA20 BBHZZ21 BBYZX33 ASAR70D
MAINVIEW Alternate Access 3.1.00	BBAAA20 BBVVT31

Table 7. Product-to-FMID Cross-Reference List (Page 3 of 15)

Product	FMIDs
MAINVIEW AutoOPERATOR 6.3.00 (for CICS, IMS, MQSeries, OS/390, Access NV, and TapeSHARE)	BBAAA20 BBBBX16 BBIIS25 BBISS26 BBMRX32 BBOIM63 BBOAL63 BBOST63 BBOTM63 BBOI063 BBTTC11 BBVVT31 BBZCB21 BBZIB11
MAINVIEW AutoOPERATOR 6.3.01 with MAINVIEW Total Object Manager 1.1.00 (for CICS, IMS, MQSeries, OS/390, Access NV, and TapeSHARE)	BBAAA20 BBBBX16 BBIIS25 BBISS26 BBMRX32 BBOIM63 BBOA163 BBOST63 BBOTM63 BBOI063 BBTTC11 BBVVT31 BBZCB21 BBZIB11
MAINVIEW Explorer 4.1	None (FMID BBTES13 and BBTTC11 included with client product)
MAINVIEW FOCAL POINT 1.2.01	BBAAA20 BBAPW32 BBIIS25 BBISS26 BBVVT31 BBWF112 BBWFP12
MAINVIEW Infrastructure (MVI) 4.1	BBYZX33 BBYZZ41 ASAR70D

Table 7. Product-to-FMID Cross-Reference List (Page 4 of 15)

Product	FMIDs
MAINVIEW for CICS 5.6.00	BBAAA20 BBACM20 BBAPW32 BBBBX16 BBCBK56 BBCCL56 BBCIS56 BBCMR56 BBCXT56 BBHZZ21 BBIS25 BBISS26 BBLBF11 BBLBQ11 BBOIM62 BBOI062 BBTES21 BBTTC11 BBVVT31 BBYZX33 BBYZZ41 BBZCB21 BBZIB11 LSCR50I

Table 7. Product-to-FMID Cross-Reference List (Page 5 of 15)

Product	FMIDs
MAINVIEW for CICS 5.7.00	ASAR70D BBAAA20 BBACM20 BBAPW32 BBBBX16 BBCBK57 BBCCL57 BBCIS57 BBCMR57 BBCXT57 BBHZZ21 BBIS25 BBISS26 BBLBF11 BBLBQ11 BBOI063 BBOIM63 BBTES41 BBTTC11 BBVVT31 BBYZX33 BBYZZ41 BBZCB21 BBZIB11 LSCR50I

Table 7. Product-to-FMID Cross-Reference List (Page 6 of 15)

Product	FMIDs
MAINVIEW for DB2 7.2.00	BBAAA20 BBACM20 BBAPW32 BBBBX16 BBDDDB72 BBDDP72 BBDDS72 BBDDZ72 BBDD072 BBHZZ21 BBIS25 BBISS26 BBLBF11 BBLBQ11 BBOIM62 BBOI062 BBTES41 BBTTC11 BBVVT31 BBYZX33 BBYZZ41 LSCR50I
MAINVIEW for DBCTL 3.3.20	BBAAA20 BBBBX16 BBHZZ11 BBIEC33 BBII233 BBIM33 BBIS25 BBISS26 BBKWF33 BBLBQ11 BBLBF11 BBTES13 BBTTC11 BBVVT31 BBYZB33 BBYZX33 BBYZZ33 BBZCB21 BBZIB11 LSCR50I

Table 7. Product-to-FMID Cross-Reference List (Page 7 of 15)

Product	FMIDs
MAINVIEW for IMS Offline 3.3.20	BBAAA20 BBICB33 BBIEC33 BBII233 BBIPD33 BBIPR33 BBITA33 BBITD33 BBZCB21 BBZIB11
MAINVIEW for IMS Online 3.3.20	BBAAA20 BBAPW32 BBBBX16 BBHZZ11 BBII233 BBIEC33 BBIIIM33 BBIIIS25 BBIISS26 BBKWF33 BBLBQ11 BBLBF11 BBTES13 BBTTC11 BBVVT31 BBYZB33 BBYZX33 BBYZZ33 BBZCB21 BBZIB11 LSCR50I
MAINVIEW for DBCTL 3.3.30	BBAAA20 BBBBX16 BBHZZ11 BBIEC33 BBIIIM33 BBIIIS25 BBIISS26 BBKWF33 BBLBQ11 BBLBF11 BBTES13 BBTTC11 BBVVT31 BBYZB33 BBYZX33 BBYZZ33 BBZCB21 BBZIB11 LSCR50I

Table 7. Product-to-FMID Cross-Reference List (Page 8 of 15)

Product	FMIDs
MAINVIEW for IMS Offline 3.3.30	BBAAA20 BBICB33 BBIEC33 BBIPD33 BBIPR33 BBITA33 BBITD33 BBZCB21 BBZIB11
MAINVIEW for IMS Online 3.3.30	BBAAA20 BBBBX16 BBHZZ11 BBIEC33 BBIM33 BBIS25 BBISS26 BBKWF33 BBLBQ11 BBLBF11 BBTES13 BBTTC11 BBVVT31 BBYZB33 BBYZX33 BBYZZ33 BBZCB21 BBZIB11 LSCR50I

Table 7. Product-to-FMID Cross-Reference List (Page 9 of 15)

Product	FMIDs
MAINVIEW for IP 2.2.00	ASAR70D BBAAA20 BBACM20 BBAPW32 BBASC70 BBBBX16 BBHZZ21 BBIS25 BBISS26 BBLBQ11 BBNIO22 BBOIM63 BBOI063 BBTES41 BBTTC11 BBYZX33 BBYZZ41 LSCR50I
MAINVIEW for Linux – Servers 1.3.00	BBAAA20 BBAPW32 BBASC70 BBNLX13 BBNPC12 BBNR155 BBNVS11 BBYZX33 BBYZZ41

Table 7. Product-to-FMID Cross-Reference List (Page 10 of 15)

Product	FMIDs
MAINVIEW for OS/390 2.7.xx	ASAR70D BBAAA20 BBACM20 BBAPW32 BBHZZ21 BBIS25 BBISS26 BBBBX16 BBMAS32 BBMCX55 BBMDX20 BBMPT15 BBMRS32 BBMRX32 BBMS132 BBOIM63 BBOI063 BBTES41 BBTTC11 BBVVT31 BBYAA27 BBYDZ27 BBYM127 BBYZX33 BBYZZ41 LSCR50I
MAINVIEW for UNIX System Services 1.2.00	ASAR70D BBAAA20 BBACM20 BBAPW32 BBHZZ21 BBIS25 BBISS26 BBBBX16 BBMCX54 BBMDX20 BBOIM62 BBOI062 BBTES41 BBTTC11 BBVVT31 BBYDZ26 BBYUX12 BBYU012 BBYZX33 BBYZZ41 LSCR50I

Table 7. Product-to-FMID Cross-Reference List (Page 11 of 15)

Product	FMIDs
MAINVIEW for UNIX System Services 1.3.00	ASAR70D BBAAA20 BBACM20 BBAPW32 BBHZZ21 BBIS25 BBISS26 BBBBX16 BBMCX54 BBMDX20 BBOIM63 BBOI063 BBTES41 BBTTC11 BBVVT31 BBYDZ27 BBYUX13 BBYU013 BBYZX33 BBYZZ41 LSCR50I
MAINVIEW for VTAM 1.3.00	ASAR70D BBAAA20 BBACM20 BBAPW32 BBASC70 BBBBP11 BBBBX16 BBHZZ21 BBIS25 BBISS26 BBLBQ11 BBNCF13 BBNUF13 BBNUO13 BBOIM63 BBOI063 BBTES41 BBTTC11 BBYZX33 BBYZZ41 LSCR50I

Table 7. Product-to-FMID Cross-Reference List (Page 12 of 15)

Product	FMIDs
MAINVIEW for WebSphere Application Server 2.1.00	ASAR70D BBAAA20 BBACM20 BBAPW32 BBASC70 BBBBX16 BBHZZ21 BBIS25 BBISS26 BBLBQ11 BBLBS13 BBNAR21 BBNWB21 BBOI062 BBOIM62 BBSTMCJ BBTES41 BBTTC11 BBYZX33 BBYZZ41 LSCR50I

Table 7. Product-to-FMID Cross-Reference List (Page 13 of 15)

Product	FMIDs
MAINVIEW for WebSphere MQ 4.2.00	ASAR70D BBAAA20 BBACM20 BBAPW32 BBBBX16 BBHZZ21 BBIIS25 BBISS26 BBLAG42 BBLBQ11 BBLBS13 BBLHK30 BBLMM41 BBLMQ42 BBLST30 BBOIM63 BBOI063 BBTES41 BBTTC11 BBVVT31 BBYZX33 BBYZZ41 LSCR50I
MAINVIEW for WebSphere MQ Integrator 4.2.00	BBLSI42

Table 7. Product-to-FMID Cross-Reference List (Page 14 of 15)

Product	FMIDs
MAINVIEW Storage Resource Manager (SRM) 7.2.01 (for MAINVIEW SRM Allocation, MAINVIEW SRM Automation, MAINVIEW SRM Reporting, StopX37/II, SG-Auto, DMS2HSM)	ASAR70D BBAAA20 BBACM20 BBAPW32 BBASC70 BBGAD41 BBGCO72 BBGPR72 BBGSC72 BBGSD72 BBGSV72 BBGTS72 BBHZZ21 BBIS25 BBISS26 BBLBQ11 BBOI063 BBOIM63 BBTES41 BBTTC11 BBYZX33 BBYZZ41 LSCR50I
MAINVIEW SYSPROG Services 3.2.01	ASAR70D BBAAA20 BBACM20 BBAPW32 BBHZZ21 BBIS25 BBISS26 BBBBX16 BBMAS32 BBMRS32 BBMRX32 BBMS132 BBOIM63 BBOI063 BBTES41 BBTTC11 BBVVT31 BBYDZ27 BBYZX33 BBYZZ41 LSCR50I

Table 7. Product-to-FMID Cross-Reference List (Page 15 of 15)

Product	FMIDs
MAINVIEW VistaPoint 1.1.04	BBAAA20 BBAPW32 BBBBX16 BBHZZ11 BBLBJ11 BBLBQ11 BBLV411 BBTES13 BBTTC11 BBVVT31 BBYZB33 BBYZX33 BBYZZ33 LSCR50I
RxD2 2.1.00 RxD2 /FlexTools RxD2/LINK	BBAAA20 BBDFT21 BBAAA20 BBDBA21

Product Target Libraries and Distribution Libraries

Table 8 lists the product target libraries and distribution libraries allocated to a product during installation.

Table 8. Product Target and Distribution Libraries (Page 1 of 12)

Product	Target library	Distribution library
CMF MONITOR 5.4.00 and 5.4.01	BBACTDEF BBCLIB BBCMOD BBILIB BBLINK BBLOAD BBMAC BBMLIB BBPARAM BBPLIB BBPROF BBSAMP BBSERVER BBSLIB BBTLIB BBVDEF BBYCOPY SASCOMOD	AALCMOD ABBACTDEF ABBCLIB ABBILIB ABBLINK ABBLOAD ABBMAC ABBMLIB ABBPARAM ABBPLIB ABBPROF ABBSAMP ABBSERVER ABBSLIB ABBTLIB ABBVDEF ASACOBM ASACOMM ASACOSM
CMF MONITOR 5.5.xx	BBACTDEF BBCLIB BBCMOD BBILIB BBLINK BBLOAD BBMAC BBMLIB BBPARAM BBPLIB BBPROF BBSAMP BBSERVER BBSLIB BBTLIB BBVDEF BBYCOPY SASCOMOD	AALCMOD ABBACTDEF ABBCLIB ABBILIB ABBLINK ABBLOAD ABBMAC ABBMLIB ABBPARAM ABBPLIB ABBPROF ABBSAMP ABBSERVER ABBSLIB ABBTLIB ABBVDEF ASACOBM ASACOMM ASACOSM

Table 8. Product Target and Distribution Libraries (Page 2 of 12)

Product	Target library	Distribution library
Energizer for CICS 4.4.00	BBCLIB BBCMOD BBILIB BBLINK BBLOAD BBMLIB BBPARM BBPLIB BBPROF BBSAMP BBSLIB BBTLIB	ABBCLIB ABBILIB ABBLINK ABBLOAD ABBMLIB ABBPARM ABBPLIB ABBPROF ABBSAMP ABBSLIB ABBTLIB
InTune 3.1.00 through 3.1.03	BBCLIB BBHELP BBILIB BBLINK BBLOAD BBMLIB BBPARM BBPLIB BBPROC BBSAMP BBSLIB BBTLIB	ABBCLIB ABBHELP ABBILIB ABBLINK ABBLOAD ABBMLIB ABBPARM ABBPLIB ABBPROC ABBSAMP ABBSLIB ABBTLIB
MAINVIEW AutoOPERATOR 6.3.00 and 6.3.01 (for CICS, IMS, MQSeries, OS/390, Access NV, and TapeSHARE)	BBCLIB BBHELP BBILIB BBLINK BBLOAD BBMAC BBMLIB BBPARM BBPLIB BBPROC BBPROF BBSAMP BBSLIB BBTLIB BBUSER	ABBCLIB ABBHELP ABBILIB ABBLINK ABBLOAD ABBMAC ABBMLIB ABBPARM ABBPLIB ABBPROC ABBPROF ABBSAMP ABBSLIB ABBTLIB ABBUSER

Table 8. Product Target and Distribution Libraries (Page 3 of 12)

Product	Target library	Distribution library
MAINVIEW Alarm Manager 2.1	BBACTDEF BBCLIB BBILIB BBLINK BBLOAD BBMAC BBMLIB BBPARAM BBPLIB BBPROF BBSAMP BBSERVER BBSLIB BBTLIB BBVDEF BBYCOPY SASCOMOD	ABBACTDEF ABBCLIB ABBILIB ABBLINK ABBLOAD ABBMAC ABBMLIB ABBPARAM ABBPLIB ABBPROF ABBSAMP ABBSERVER ABBSLIB ABBTLIB ABBVDEF ASACOBM ASACOMM ASACOSM
MAINVIEW Alternate Access 3.1.00	BBCLIB BBLINK BBPARAM BBPLIB BBSAMP BBSERVER BBTLIB	ABBCLIB ABBLINK ABBPARAM ABBPLIB ABBSAMP ABBSERVER ABBTLIB
MAINVIEW Explorer 4.1	Libraries included in client product	Libraries included in client product
MAINVIEW FOCAL POINT 1.2.01	BBCLIB BBILIB BBLINK BBLOAD BBMLIB BBPARAM BBPLIB BBPROF BBSAMP BBSLIB BBTLIB	ABBCLIB ABBILIB ABBLINK ABBLOAD ABBMLIB ABBPARAM ABBPLIB ABBPROF ABBSAMP ABBSLIB ABBTLIB

Table 8. Product Target and Distribution Libraries (Page 4 of 12)

Product	Target library	Distribution library
MAINVIEW for CICS 5.6.00	BBCLIB BBILIB BBLINK BBLOAD BBMLIB BBPARM BBPLIB BBPROF BBSAMP BBSERVER BBSLIB BBTLIB	ABBCLIB ABBILIB ABBLINK ABBLOAD ABBMLIB ABBPARM ABBPLIB ABBPROF ABBSAMP ABBSERVER ABBSLIB ABBTLIB
MAINVIEW for CICS 5.7.00	BBCLIB BBILIB BBLINK BBLOAD BBMLIB BBPARM BBPLIB BBPROF BBSAMP BBSERVER BBSLIB BBTLIB	ABBCLIB ABBILIB ABBLINK ABBLOAD ABBMLIB ABBPARM ABBPLIB ABBPROF ABBSAMP ABBSERVER ABBSLIB ABBTLIB
MAINVIEW for DB2 7.2.00	BBACTDEF BBCLIB BBILIB BBLINK BBLOAD BBMAC BBMLIB BBPARM BBPLIB BBPROF BBSAMP BBSDEF BBSERVER BBSLIB BBTLIB BBVDEF BBYCOPY SASCOMOD	ABBACTDEF ABBCLIB ABBILIB ABBLINK ABBLOAD ABBMAC ABBMLIB ABBPARM ABBPLIB ABBPROF ABBSAMP ABBSDEF ABBSERVER ABBSLIB ABBTLIB ABBVDEF ASACOBM ASACOMM ASACOSM

Table 8. Product Target and Distribution Libraries (Page 5 of 12)

Product	Target library	Distribution library
<p>MAINVIEW for DBCTL 3.3.20</p> <p>Note: The BBMAC and ABBMAC libraries are allocated only for the Resource Analyzer component.</p>	<p>BBCLIB BBILIB BBLINK BBLOAD BBMAC BBMLIB BBPARAM BBPLIB BBPROF BBSAMP BBSERVER BBSLIB BBTLIB</p>	<p>ABBCLIB ABBILIB ABBLINK ABBLOAD ABBMAC ABBMLIB ABBPARAM ABBPLIB ABBPROF ABBSAMP ABBSERVER ABBSLIB ABBTLIB</p>
<p>MAINVIEW for IMS Offline 3.3.20</p> <p>Note: The BBMAC and ABBMAC libraries are allocated only for the Resource Analyzer component.</p>	<p>BBCLIB BBILIB BBLINK BBLOAD BBMAC BBMLIB BBPARAM BBPLIB BBPROF BBSAMP BBSLIB BBTLIB</p>	<p>ABBCLIB ABBILIB ABBLINK ABBLOAD ABBMAC ABBMLIB ABBPARAM ABBPLIB ABBPROF ABBSAMP ABBSLIB ABBTLIB</p>
<p>MAINVIEW for IMS Online 3.3.20</p> <p>Note: The BBMAC and ABBMAC libraries are allocated only for the Resource Analyzer component.</p>	<p>BBCLIB BBILIB BBLINK BBLOAD BBMAC BBMLIB BBPARAM BBPLIB BBPROF BBSAMP BBSLIB BBTLIB</p>	<p>ABBCLIB ABBILIB ABBLINK ABBLOAD ABBMAC ABBMLIB ABBPARAM ABBPLIB ABBPROF ABBSAMP ABBSLIB ABBTLIB</p>

Table 8. Product Target and Distribution Libraries (Page 6 of 12)

Product	Target library	Distribution library
<p>MAINVIEW for DBCTL 3.3.30</p> <p>Note: The BBMAC and ABBMAC libraries are allocated only for the Resource Analyzer component.</p>	<p>BBCLIB BBILIB BBLINK BBLOAD BBMAC BBMLIB BBPARM BBPLIB BBPROF BBSAMP BBSERVER BBSLIB BBTLIB</p>	<p>ABBCLIB ABBILIB ABBLINK ABBLOAD ABBMAC ABBMLIB ABBPARM ABBPLIB ABBPROF ABBSAMP ABBSERVER ABBSLIB ABBTLIB</p>
<p>MAINVIEW for IMS Offline 3.3.30</p> <p>Note: The BBMAC and ABBMAC libraries are allocated only for the Resource Analyzer component.</p>	<p>BBCLIB BBILIB BBLINK BBLOAD BBMAC BBMLIB BBPARM BBPLIB BBPROF BBSAMP BBSLIB BBTLIB</p>	<p>ABBCLIB ABBILIB ABBLINK ABBLOAD ABBMAC ABBMLIB ABBPARM ABBPLIB ABBPROF ABBSAMP ABBSLIB ABBTLIB</p>
<p>MAINVIEW for IMS Online 3.3.30</p> <p>Note: The BBMAC and ABBMAC libraries are allocated only for the Resource Analyzer component.</p>	<p>BBCLIB BBILIB BBLINK BBLOAD BBMAC BBMLIB BBPARM BBPLIB BBPROF BBSAMP BBSLIB BBTLIB</p>	<p>ABBCLIB ABBILIB ABBLINK ABBLOAD ABBMAC ABBMLIB ABBPARM ABBPLIB ABBPROF ABBSAMP ABBSLIB ABBTLIB</p>

Table 8. Product Target and Distribution Libraries (Page 7 of 12)

Product	Target library	Distribution library
MAINVIEW for IP 2.2.00	BBACTDEF BBCLIB BBHELP BBILIB BBLINK BBLOAD BBMAC BBMLIB BBPARAM BBPLIB BBPROC BBPROF BBSAMP BBSDEF BBSERVER BBSLIB BBTLIB BBUSER BBVDEF BBYCOPY SASCOMOD	ABBACTDF ABBCLIB ABBHELP ABBILIB ABBLINK ABBLOAD ABBMAC ABBMLIB ABBPARAM ABBPLIB ABBPROF ABBROC ABBSAMP ABBSDEF ABBSERVER ABBSLIB ABBTLIB ABBUSER ABBVDEF ASACOBM
MAINVIEW for Linux – Servers 1.3.00	BBACTDEF BBCLIB BBLINK BBMLIB BBPARAM BBPLIB BBSAMP BBTLIB BBVDEF PGMLIB RPMS BIN CMDSHLP OPTSHLP STDCM STDTXT	ABBACTDF ABBCLIB ABBLINK ABBMLIB ABBPARAM ABBPLIB ABBSAMP ABBTLIB ABBVDEF ARPMS APGMLIB ABIN ACMDSHLP AOPTSHLP ASTDCM ASTDTXT

Table 8. Product Target and Distribution Libraries (Page 8 of 12)

Product	Target library	Distribution library
MAINVIEW for OS/390 2.7.xx	BBACTDEF BBCLIB BBHELP BBILIB BBLINK BBLOAD BBMAC BBMLIB BBPARM BBPLIB BBPROF BBSAMP BBSERVER BBSLIB BBTLIB BBVDEF BBYCOPY SASCOMOD	ABBACTDF ABBCLIB ABBHELP ABBILIB ABBLINK ABBLOAD ABBMAC ABBMLIB ABBPARM ABBPLIB ABBPROF ABBSAMP ABBSERVER ABBSLIB ABBTLIB ABBVDEF ASACOBM ASACOMM ASACOSM
MAINVIEW for UNIX System Services 1.1.01	BBACTDEF BBCLIB BBHELP BBILIB BBLINK BBLOAD BBMAC BBMLIB BBPARM BBPLIB BBPROF BBSAMP BBSERVER BBSLIB BBTLIB BBVDEF BBYCOPY SASCOMOD	ABBACTDF ABBCLIB ABBHELP ABBILIB ABBLINK ABBLOAD ABBMAC ABBMLIB ABBPARM ABBPLIB ABBPROF ABBSAMP ABBSERVER ABBSLIB ABBTLIB ABBVDEF ASACOBM ASACOMM ASACOSM

Table 8. Product Target and Distribution Libraries (Page 9 of 12)

Product	Target library	Distribution library
MAINVIEW for UNIX System Services 1.2.00 and 1.3.00	BBACTDEF BBCLIB BBHELP BBILIB BBLINK BBLOAD BBMAC BBMLIB BBPARAM BBPLIB BBPROF BBSAMP BBSERVER BBSLIB BBTLIB BBVDEF BBYCOPY SASCOMOD	ABBACTDF ABBCLIB ABBHELP ABBILIB ABBLINK ABBLOAD ABBMAC ABBMLIB ABBPARAM ABBPLIB ABBPROF ABBSAMP ABBSERVER ABBSLIB ABBTLIB ABBVDEF ASACOBM ASACOMM ASACOSM
MAINVIEW for VTAM 1.3.00	BBACTDEF BBCLIB BBHELP BBILIB BBLINK BBLOAD BBMAC BBMLIB BBPARAM BBPLIB BBPROC BBPROF BBSAMP BBSDEF BBSERVER BBSLIB BBTLIB BBUSER BBVDEF BBYCOPY SASCOMOD	ABBACTDF ABBCLIB ABBHELP ABBILIB ABBLINK ABBLOAD ABBMAC ABBMLIB ABBPARAM ABBPLIB ABBPROF ABBROC ABBSAMP ABBSDEF ABBSERVER ABBSLIB ABBTLIB ABBUSER ABBVDEF ASACOBM ASACOMM ASACOSM

Table 8. Product Target and Distribution Libraries (Page 10 of 12)

Product	Target library	Distribution library
MAINVIEW for WebSphere Application Server 2.1.00	BBACTDEF BBCLIB BBCMOD BBILIB BBLINK BBLOAD BBMAC BBMLIB BBPARM BBPLIB BBPROF BBSAMP BBSDEF BBSERVER BBSLIB BBTLIB BBVDEF BBYCOPY BMCPSWD SASCBASE SASCOMOD SASCSPE SASCSTD	AALCMOD ABBACTDF ABBCLIB ABBILIB ABBLINK ABBLOAD ABBMAC ABBMLIB ABBPARM ABBPLIB ABBPROF ABBSAMP ABBSDEF ABBSERVER ABBSLIB ABBTLIB ABBVDEF ASACOBM ASACOMM ASACOSM ASAROBM ASAROMM ASAROSM
MAINVIEW for WebSphere MQ 4.2.00 and MAINVIEW for WebSphere MQ Integrator 4.2.00	BBACTDEF BBCLIB BBFORMAT BBILIB BBLINK BBLOAD BBMAC BBMLIB BBPARM BBPLIB BBPROF BBSAMP BBSDEF BBSERVER BBSLIB BBTLIB BBVDEF BBYCOPY SASCOMOD	ABBACTDEF ABBCLIB ABBFORMAT ABBILIB ABBLINK ABBLOAD ABBMAC ABBMLIB ABBPARM ABBPLIB ABBPROF ABBSAMP ABBSDEF ABBSERVER ABBSLIB ABBTLIB ABBVDEF ASACOBM ASACOMM ASACOSM

Table 8. Product Target and Distribution Libraries (Page 11 of 12)

Product	Target library	Distribution library
MAINVIEW Storage Resource Manager (SRM) 7.2.01 (for MAINVIEW SRM Allocation, MAINVIEW SRM Automation, MAINVIEW SRM Reporting, StopX37/II, SG-Auto, DMS2HSM)	BBACTDEF BBCLIB BBCMOD BBHELP BBILIB BBLINK BBLOAD BBMLIB BBPARM BBPLIB BBPROC BBPROF BBSAMP BBSDEF BBSERVER BBSLIB BBTLIB BBUSER BBVDEF BBYCOPY BMCPSWD SASCBASE SASCOMOD SASCSPE SASCSTD	ABBACTDEF ABBCLIB ABBCMOD ABBHELP ABBILIB ABBLINK ABBLOAD ABBMLIB ABBPARM ABBPLIB ABBPROC ABBPROF ABBSAMP ABBSDEF ABBSERVER ABBSLIB ABBTLIB ABBUSER ABBVDEF ABBYCOPY ABMCPSWD ASASCBASE ASASCOMOD ASASCSPE ASASCSTD
MAINVIEW SYSPROG Services 3.2.01	BBACTDEF BBCLIB BBHELP BBILIB BBLINK BBLOAD BBMAC BBMLIB BBPARM BBPLIB BBPROF BBSAMP BBSERVER BBSLIB BBSRC BBTLIB BBVDEF BBYCOPY SASCOMOD	ABBACTDF ABBCLIB ABBHELP ABBILIB ABBLINK ABBLOAD ABBMAC ABBMLIB ABBPARM ABBPLIB ABBPROF ABBSAMP ABBSERVER ABBSLIB ABBSRC ABBTLIB ABBVDEF ASACOBM ASACOMM ASACOSM

Table 8. Product Target and Distribution Libraries (Page 12 of 12)

Product	Target library	Distribution library
MAINVIEW VistaPoint 1.1.04	BBACTDEF BBCLIB BBILIB BBLINK BBLOAD BBMAC BBMLIB BBPARM BBPLIB BBPROF BBSAMP BBSDEF BBSERVER BBSLIB BBTLIB BBVDEF BBYCOPY SASCOMOD	ABBACTDEF ABBCLIB ABBILIB ABBLINK ABBLOAD ABBMAC ABBMLIB ABBPARM ABBPLIB ABBPROF ABBSAMP ABBSDEF ABBSERVER ABBSLIB ABBTLIB ABBVDEF ASACOBM ASACOMM ASACOSM
RxD2 1.1.00 and 2.1.00 RxD2/FlexTools RxD2/LINK	BBCLIB BBILIB BBLINK BBLOAD BBMLIB BBPARM BBPLIB BBPROF BBSAMP BBSLIB BBTLIB	ABBCLIB ABBLINK ABBLOAD ABBMLIB ABBPARM ABBPLIB ABBPROF ABBSAMP ABBSLIB ABBSCR ABBTLIB

Glossary

This glossary defines BMC Software terminology. Other dictionaries and glossaries can be used in conjunction with this glossary.

Because this glossary pertains to BMC Software products, some of the defined terms might not appear in this book.

To help you find the information you need, this glossary uses the following cross-references:

Contrast with indicates a term that has a contrary or contradictory meaning.

See indicates an entry that is a synonym or contains expanded information.

See also indicates an entry that contains related information.

action	A defined operation, such as modifying a MAINVIEW window, that is performed in response to a command. <i>See</i> object.
active window	Any MAINVIEW window in which data can be refreshed. <i>See</i> alternate window, current window, window.
administrative view	A display from which a product's management tasks are performed, such as the DSLIST view for managing historical data sets. <i>See</i> view.
ALT WIN field	An input area where you specify the identifier for an alternative window where the results of a hyperlink are to be displayed. <i>See</i> alternate window.
Alternate Access	<i>See</i> MAINVIEW Alternate Access.
alternate form	A view, requested through the FORM command, that changes the format of a previously displayed view to show related information. <i>See also</i> form, query.

alternate window	(1) An area of the MAINVIEW screen that is specifically selected to display the results of a hyperlink. (2) A window whose identifier is defined to the ALT WIN field. <i>Contrast with</i> current window. <i>See</i> active window, window, ALT WIN field.
analyzer	An online display that presents a snapshot of status and activity data and indicates problem areas. <i>See also</i> CMF MONITOR Analyzer.
application	(1) A program that performs a specific set of tasks within a MAINVIEW product. (2) In MAINVIEW VistaPoint, a combination of workloads that display transaction-performance data in a single view.
application trace	<i>See</i> trace.
ASCH workload	A group of units of work that comprises Advanced Program-to-Program Communication (APPC) address spaces.
AutoCustomization	An online facility for customizing the installation of products. AutoCustomization provides an ISPF panel interface that presents customization steps in sequence and provides current status information about the progress of the installation.
automatic screen update	A usage mode wherein the currently displayed screen is refreshed automatically at an interval that you specify. This mode is invoked by the ASU command.
batch workload	A group of units of work consisting of address spaces that are running accumulated jobs in a single process.
BBI	The basic architecture that distributes work between workstations and multiple OS/390 targets for BMC Software MAINVIEW products.
BBI-SS PAS	<i>See</i> BBI subsystem product address space (BBI-SS PAS).

BBI subsystem product address space (BBI-SS PAS)

The OS/390 subsystem address space that manages communication between local and remote systems and that contains one or more of the following products:

- MAINVIEW AutoOPERATOR
- MAINVIEW for CICS
- MAINVIEW for DB2
- MAINVIEW for DBCTL
- MAINVIEW for IMS Online
- MAINVIEW for WebSphere MQ
- MAINVIEW for WebSphere MQ Integrator
- MAINVIEW VistaPoint (for CICS, DB2, DBCTL, and IMS workloads)

BBPARM *See* parameter library.

BBPROC *See* procedure library.

BBPROF *See* profile library.

BBSAMP *See* sample library.

BBV *See* MAINVIEW Alternate Access.

BBXS The BMC Software Subsystem Services. A common set of service routines loaded into common storage and used by several BMC Software MAINVIEW products.

border A visual indication of the boundaries of a window.

bottleneck analysis The process of determining which resources have insufficient capacity to provide acceptable service levels and can, therefore, cause performance problems.

CA-Disk A data-management system by Computer Associates that replaced the DMS product.

CAS *See* coordinating address space (CAS).

CFMON *See* coupling facility monitoring (CFMON).

chart A format for displaying graphical data. *See also* graph.

CICSplex A user-defined set of one or more CICS systems that are controlled and managed as a single functional entity.

CMF MONITOR *See* Comprehensive Management Facility MONITOR (CMF MONITOR).

CMF MONITOR Analyzer

A batch component of CMF MONITOR that reads the SMF user records and 70-series records created by the CMF MONITOR Extractor and the RMF Extractor and formats the records into printed system-performance reports.

CMF MONITOR Extractor

A component of CMF MONITOR that collects performance statistics for CMF MONITOR Analyzer, CMF MONITOR Online, MAINVIEW for OS/390, and RMF postprocessor. *See* CMF MONITOR Analyzer, CMF MONITOR Online, MAINVIEW for OS/390.

CMF MONITOR Online

A component of CMF MONITOR that uses the MAINVIEW window interface to present data about all address spaces, their use of various system resources, and the delays that each address space has incurred while waiting for access to these resources. *See* CMF MONITOR, MAINVIEW for OS/390.

CMF Type 79 API

An application programming interface, provided by CMF MONITOR, that provides access to MAINVIEW SMF-type 79 records.

CMFMON

A component of CMF MONITOR that simplifies online retrieval of information about system hardware and application performance and creates MAINVIEW SMF-type 79 records.

The CMFMON *online facility* can be used to view data in one or more formatted screens.

The CMFMON *write facility* can be used to write collected data as MAINVIEW SMF-type 79 records to an SMF or sequential data set.

CMRDETL

A MAINVIEW for CICS data set that stores detail transaction records (type 6E) and abend records (type 6D). Detail records are logged for each successful transaction. Abend records are written when an abend occurs. Both records have the same format when stored on CMRDETL.

CMRSTATS

A MAINVIEW for CICS data set that stores CICS operational statistic records (at five-minute intervals) and other records (at intervals defined by parameters specified during customization by using CMRSOPT).

column

A vertical component of a view or display, typically containing fields of the same type of information, that varies by the objects associated in each row.

collection interval

The length of time that data is gathered. *See also* delta mode, total mode.

command delimiter

A special character, usually a ; (semicolon), that is used to stack commands that are typed concurrently in the COMMAND line for sequential execution.

COMMAND line A section in the control area of the display where primary commands can be typed. *Contrast with* line command column.

Command MQ Automation D/S

A collection of Command MQ agents that provide local proactive monitoring for both MQSeries and MSMQ (Microsoft message queue manager). The Command MQ agents operate at the local node level where they continue to perform functions regardless of the availability of the MQM (message queue manager) network. Functionality includes automatic monitoring and restarts of channels, queue managers, queues, and command servers. In cases where automated recovery is not possible, the agents transport critical alert information to a central console.

Command MQ Automation S/390

A Command MQ component that monitors the MQM (message queue manager) networks and intercedes to perform corrective actions when problems arise. Solutions include

- Dead-Letter Queue management
- System Queue Archival
- Service Interval Performance solutions
- Channel Availability

These solutions help ensure immediate relief to some of the most urgent MQM operations and performance problems.

Command MQ for D/S

A product that utilizes a true client/server architecture and employs resident agents to provide configuration, administration, performance monitoring, and operations management for the MQM (message queue manager) network.

Command MQ for S/390

See MAINVIEW for WebSphere MQ.

COMMON STORAGE MONITOR

A component of MAINVIEW for OS/390 that monitors usage and reconfigures OS/390 or z/OS common storage blocks.

composite workload

A collection of WLM and other groups of units of work. *See also* constituent workload.

Comprehensive Management Facility MONITOR (CMF MONITOR)

A product that measures and reports on all critical system resources, such as CPU, channel, and device usage; memory, paging, and swapping activity; and workload performance.

constituent workload

A member of a composite workload. Constituent workloads in a composite workload usually belong to a single workload class, but sometimes are mixed.

contention

A situation that occurs when the requests for service outnumber the available servers.

context

In a Plex Manager view, the field that contains the name of a target or group of targets specified with the CONTEXT command. *See* scope, service point, SSI context, target context.

CONTEXT command

To specify either a MAINVIEW product and a specific target for that product (*see* target context) or a MAINVIEW product and a name representing one or more targets for that product (*see* SSI context).

control statement

(1) An instruction that interrupts a sequence of instructions and transfers control to another part of the program. (2) An instruction that names samplers and other parameters that configure the MAINVIEW components to perform specified functions. (3) In CMF MONITOR, the instruction in a parameter library member that is used to identify a sampler in the extractor or a report in the analyzer, or to describe either component's processing requirements to the operating system.

coordinating address space (CAS)

Address space that is used by the MAINVIEW windows environment. The CAS supplies common services and enables communication between linked systems. Each OS/390 or z/OS image requires a separate CAS. Cross-system communication is established through the CAS using VTAM and XCF communication links.

coupling facility monitoring (CFMON)

Coupling facility views that monitor the activity of your system's coupling facilities.

current data

The information that reflects the system in its present state. The two types of current data are real-time data and interval data. *Contrast with* historical data. *See also* interval data, real-time data.

current window

In the MAINVIEW windows environment, the area where the main dialog with the application takes place. When no window number is specified, the current window is used as the default window destination for commands that are issued on the COMMAND line. *Contrast with* alternate window. *See* active window, window.

DASD

See direct access storage device (DASD).

data collector	A program that belongs to a MAINVIEW product and that gathers information from various sources and stores the data in records used by views. For example, MAINVIEW for OS/390 data collectors obtain data from OS/390 or z/OS services, OS/390 or z/OS control blocks, CMF MONITOR Extractor control blocks, and other sources. <i>Contrast with</i> extractor.
Data Facility Storage Management System (DFSMS)	Data-management, backup, and HSM software from IBM for OS/390 or z/OS mainframes.
Data Set Optimizer (DSO)	A CMF MONITOR Extractor component that uses CMF MONITOR Extractor data to produce reports specifying the optimal ordering of data sets on moveable head devices.
delta mode	(1) In MAINVIEW for DB2 analyzer displays, the difference between the value sampled at the start of the current statistics interval and the value sampled by the current analyzer request. <i>See also</i> statistics interval. (2) In CMFMON, a mode where certain columns of data reflect the difference in values between one sample cycle and the next cycle. Invoked by the DELta ON command. <i>See also</i> collection interval, sample cycle, total mode.
DFSMS	<i>See</i> Data Facility Storage Management System (DFSMS).
direct access storage device (DASD)	(1) A device with rotating recording surfaces that provides immediate access to stored data. (2) Any device that responds to a DASD program.
display	A presentation of data in full-screen mode.
DMR	<i>See</i> MAINVIEW for DB2.
DMS	(Data Management System) <i>See</i> CA-Disk.
DMS2HSM	<i>See</i> MAINVIEW SRM DMS2HSM.
DSO	<i>See</i> Data Set Optimizer (DSO).
EasyHSM	<i>See</i> MAINVIEW SRM Reporting.
EasyPOOL	<i>See</i> MAINVIEW SRM Allocation.
EasySMS	<i>See</i> MAINVIEW SRM Allocation.
element	(1) A data component of a data collector record, shown in a view as a field. (2) In a view, an internal value of a field that is used in product functions.

element Help Online information about a field in a view. The preferred term is *field Help*.

Enterprise Storage Automation

See MAINVIEW SRM Automation.

| **event** A message issued by MAINVIEW SRM Automation. User-defined storage occurrences generate events in the form of messages. These events provide an early warning system for storage problems and are routed to user-specified destinations for central viewing and management.

Event Collector A component for MAINVIEW for IMS Online, MAINVIEW for IMS Offline, and MAINVIEW for DBCTL that gathers data about events in the IMS environment. This data is required for Workload Monitor and optional for Workload Analyzer (except for the workload trace service). This data also is recorded as transaction records (X'FA') and program records (X'F9') on the IMS system log for later use by the MAINVIEW for IMS Offline components: Performance Reporter and Transaction Accountant.

expand A predefined link from one display to a related display. *See also* hyperlink.

extractor A program that collects data from services, control blocks, and other sources and keeps the data control blocks to be written as records. *Contrast with* data collector.

extractor interval *See* collection interval.

fast path A predefined link between one screen and another screen. To use the fast path, place the cursor on a single value in a field and press **Enter**. The resulting screen displays more detailed information about the selected value. *See also* hyperlink.

field A group of character positions within a screen or report where you can type or display specific information.

field Help Online information that describes the purpose or contents of an area on a screen. To display field Help, place the cursor anywhere in a field and press **PF1** (HELP). In some products, field Help is accessible from the screen Help that is displayed when you press **PF1**.

filter Selection criteria that limits the number of rows that are displayed in a view. Data that does not meet the selection criteria is not displayed. A filter is composed of an element, an operator, and an operand (a number or character string). Filters can be implemented in view customization, through the PARM/QPARm commands, or through the Where/QWhere commands. Filters are established against elements of data.

fire	This term indicates that an event has triggered an action. In MAINVIEW AutoOPERATOR, when rule selection criteria matches an incoming event and <i>fires</i> , the user-specified automation actions are performed. This process is also called <i>handling</i> the event.
fixed field	A specific data area that remains stationary at the left margin of a screen when the screen is scrolled either to the right or left.
FOCAL POINT	<i>See</i> MAINVIEW FOCAL POINT.
form	One of two constituent parts of a view; the other part is query. A form defines how the data is presented; a query identifies the data required for the view. <i>See also</i> query, view.
full-screen mode	A presentation of a MAINVIEW product application or service on the entire screen with no window information line. <i>Contrast with</i> windows mode.
global command	Any MAINVIEW windows environment instruction that can affect all windows in a MAINVIEW window area.
graph	A pictorial presentation of data that you select from a MAINVIEW window environment view. <i>See also</i> chart.
hierarchical storage management (HSM)	The automatic movement of files from hard disk to slower, less-expensive storage media. The typical hierarchy is from magnetic disk to optical disk to tape.
hilevel	For MAINVIEW products, a high-level data set qualifier required by a site's naming conventions.
historical data	(1) Information that reflects the system as it existed at the end of a past recording interval or the duration of several intervals. (2) Any data stored in the historical database and retrieved by using the TIME command. <i>Contrast with</i> current data, interval data and real-time data.
historical database	A collection of performance data written at the end of each installation-defined recording interval and containing up to 100 VSAM clusters. Data is extracted from the historical database by using the TIME command. <i>See</i> historical data.
historical data set	In MAINVIEW products that display historical data, the VSAM cluster file in which data is recorded at regular intervals.
HSM	<i>See</i> hierarchical storage management (HSM).

hyperlink

(1) A preset field in a view or an EXPAND line in a display where you can

- access cursor-sensitive Help
- issue commands
- link to another view or display

The transfer can be either within a single product or to a related view or display in a different BMC Software product. Generally, fields that have hyperlinks available are highlighted.

(2) A cursor-activated path from a topic or term in online Help to related information. *See also* fast path.

Image log

A collection of screen-display records. Image logs can be created for both the BBI-SS PAS and the BBI terminal session. *See also* Journal log.

The BBI-SS PAS Image log consists of two alternating data sets: as one data set fills up, the other data set is used. Logging to the BBI-SS PAS Image log stops when both data sets are filled and the first data set is not processed by the archive program.

The terminal session Image log is a single data set that wraps around when full.

IMS Resource Utilization File (IRUF)

A collection of reports that can be either detail (one event, one record) or summarized (more than one event, one record). A detail IRUF is created by processing the IMS system log through a program called IMFLEDIT. A summarized IRUF is created by processing one or more detail IRUFs, one or more summarized IRUFs, or a combination of both, through a sort program and the TASCOSTR program.

IMSplex System Manager (IPSM)

An MVIMS Online and MVDBC service that provides Single System Image views of resources and bottlenecks for applications across one or more IMS regions and systems.

interval data

Cumulative information that is gathered during a collection period. Intervals usually last from 15 to 30 minutes, depending on how the recording interval is specified during product customization. *Contrast with* historical data.

Note: If a change is made to the workloads, a new interval is started.

See also current data and real-time data.

InTune

A product that monitors application program performance and provides information that is used to reduce bottlenecks and delays.

IRUF	<i>See</i> IMS Resource Utilization File (IRUF).
job activity view	A report about address space consumption of resources. <i>See</i> view.
journal	A special-purpose data set that stores the chronological records of operator and system actions.
Journal log	<p>A collection of messages. Journal logs are created for both the BBI-SS PAS and the BBI terminal session.</p> <p>The BBI-SS PAS Journal log consists of two alternating data sets: as one data set fills up, the other data set is used. Logging to the BBI-SS PAS Journal log stops when both data sets are filled and the first data set is not being processed by the archive program.</p> <p>The terminal session Journal log is a single data set that wraps around when full.</p>
line command	An instruction that you type in a specific column of a view or display. Line commands initiate actions that apply to the data in that particular row.
line command column	An instruction input column on the left side of a view or display. <i>Contrast with</i> COMMAND line.
Log Edit	In the MAINVIEW for IMS Offline program named IMFLEDIT, a function that extracts transaction records (X'FA') and program records (X'F9') from the IMS system log. IMFLEDIT also extracts certain records that were recorded on the system log by IMS. IMFLEDIT then formats the records into a file called the IMS Resource Utilization File (IRUF).
MAINVIEW	The BMC Software integrated systems-management architecture.
MAINVIEW Alarm Manager	In conjunction with other MAINVIEW products, this product notifies you when an exception occurs. MAINVIEW Alarm Manager is capable of monitoring multiple systems simultaneously, which means that MAINVIEW Alarm Manager installed on one system keeps track of your entire sysplex. You can then display a single view that shows exceptions for all MAINVIEW performance monitors within your OS/390 or z/OS enterprise.
MAINVIEW Alternate Access	This product enables MAINVIEW products to be used without TSO by providing access through EXCP and VTAM interfaces.

MAINVIEW Application Program Interface (MVAPI)

A CLIST- or REXX-based, callable interface that allows MAINVIEW AutoOPERATOR EXECs to access view data for MAINVIEW monitor products.

MAINVIEW AutoOPERATOR

A product that uses tools, techniques, and facilities to automate routine operator tasks and provide online performance monitoring. MAINVIEW AutoOPERATOR achieves high availability through error minimization, improved productivity, and problem prediction and prevention.

MAINVIEW control area

In the MAINVIEW windows environment, the first three lines at the top of the view containing the window information line, the COMMAND line, and the SCROLL, CURR WIN, and ALT WIN fields. The control area cannot be customized. *Contrast with* MAINVIEW window area.

MAINVIEW display area

See MAINVIEW window area.

MAINVIEW Explorer A product that provides access to MAINVIEW products from a Web browser running under Windows. MAINVIEW Explorer replaces MAINVIEW Desktop.

MAINVIEW FOCAL POINT

A MAINVIEW product that displays a summary of key performance indicators across systems, sites, and applications from a single terminal.

MAINVIEW for CICS A product (formerly MV MANAGER for CICS) that provides real-time application-performance analysis and monitoring for CICS system management.

MAINVIEW for DB2 A product (formerly MV MANAGER for DB2) that provides real-time and historical application-performance analysis and monitoring for DB2 subsystem management.

MAINVIEW for DBCTL

A product that provides real-time application-performance analysis and monitoring for DBCTL management.

MAINVIEW for IMS Offline

A product with a Performance Reporter component that organizes data and prints reports that are used to analyze IMS performance; and a Transaction Accountant component that produces cost-accounting and user charge-back records and reports.

MAINVIEW for IMS Online

A product that provides real-time application-performance analysis and monitoring for IMS management.

MAINVIEW for IP

A product that monitors OS/390 and z/OS mission-critical application performance as it relates to TCP/IP stack usage. Collected data includes availability, connections, response times, routers, service levels, storage, traffic, Web cache, and so on.

MAINVIEW for Linux – Servers

A product that monitors the performance of your Linux systems from the MAINVIEW windows interface.

MAINVIEW for MQSeries

See MAINVIEW for WebSphere MQ.

MAINVIEW for OS/390

A system management application that is built upon the MAINVIEW window environment architecture. MAINVIEW for OS/390 uses the window interface to provide access to system performance data and other necessary functions in the overall management of an enterprise. (Prior to version 2.5, this product was known as MAINVIEW for MVS).

MAINVIEW for UNIX System Services

A system-management application for monitoring the performance of the UNIX System Services from a MAINVIEW window interface.

MAINVIEW for VTAM

A product that displays application performance data by application, transaction ID, and LU name. This collected data includes connections, response time statistics, application availability, and application throughput.

MAINVIEW for WebSphere Application Server (formerly MAINVIEW for WebSphere)

A product that provides extensive information for managing the IBM WebSphere Application Server for the z/OS and OS/390 environment. At the user's option, information is displayed about HTTP servers, WAS plug-ins, or J2EE/CORBA containers. The product also provides JVM profiling capability.

MAINVIEW for WebSphere MQ (formerly MAINVIEW for MQSeries)

This product delivers comprehensive capabilities for configuration, administration, performance monitoring, and operations management for an entire MQM (message queue manager) network.

MAINVIEW for WebSphere MQ Integrator

A licensed feature of MAINVIEW for WebSphere MQ that provides comprehensive configuration, administration, performance monitoring, and operations-management capabilities for an IBM WebSphere MQ Integrator message broker network.

MAINVIEW Selection Menu

An ISPF selection panel that provides access to all MAINVIEW windows-mode and full-screen mode products.

MAINVIEW SRM *See* MAINVIEW Storage Resource Manager (SRM).

MAINVIEW SRM Allocation

A component of MAINVIEW SRM that

- provides control over data set allocation and enforcement of allocation and naming standards
- operates at the system level to intercept abend conditions or standards violations, thus providing services without any JCL changes
- provides tools that aid in the conversion to DFSMS and enhance the DFSMS environment after conversion

MAINVIEW SRM Automation

A component of MAINVIEW SRM that delivers powerful event-generation and storage-automation technology across the storage enterprise. When it is used in conjunction with MAINVIEW AutoOPERATOR, automated solutions to perform pool, volume, application, or data set-level manipulation can be created and used in response to any condition or invoked to perform ad hoc requests.

MAINVIEW SRM DMS2HSM

A product that facilitates the conversion of CA-Disk, formerly known as DMS, to HSM.

MAINVIEW SRM EasyHSM

See MAINVIEW SRM Allocation.

MAINVIEW SRM EasyPOOL

See MAINVIEW SRM Allocation.

MAINVIEW SRM EasySMS

See MAINVIEW SRM Allocation.

MAINVIEW SRM Enterprise Storage Automation

See MAINVIEW SRM Automation.

MAINVIEW SRM Reporting

A component of MAINVIEW SRM that monitors and reports on DASD consumption and allows you to dynamically control DASD utilization. Views enable the DASD administrator to review historic DASD usage and control current and future DASD usage. Physical views of storage devices can be supplemented with user-defined applications that allow for budgeting and measurement by logical groups. MAINVIEW SRM Reporting also provides online monitoring and reporting to help storage managers use DFHSM efficiently.

MAINVIEW SRM SG-Auto

A product that provides early warning notification of storage anomalies and automated responses to those anomalies based on conditions in the storage subsystem.

MAINVIEW SRM SG-Control

See MAINVIEW SRM Reporting.

MAINVIEW SRM StopX37/II

See MAINVIEW SRM Allocation.

MAINVIEW SRM StorageGUARD

See MAINVIEW SRM Reporting.

MAINVIEW Storage Resource Manager (SRM)

A suite of products that assist in all phases of OS/390 or z/OS storage management. MAINVIEW SRM consists of products that perform automation, reporting, trend analysis, and error correction for storage management.

MAINVIEW SYSPROG Services

See SYSPROG services.

MAINVIEW VistaPoint

A product that provides enterprise-wide views of performance. Application and workload views are available for CICS, DB2, DBCTL, IMS, OS/390, or z/OS. Data is summarized at the level of detail needed; for example, views can be for a single target, an OS/390 or z/OS image, or an entire enterprise.

MAINVIEW window area

A portion of the information display that is not the control area and in which views are displayed and windows are opened. It includes all but the first three lines of the information display. *Contrast with* MAINVIEW control area.

monitor

An online service that measures resources or workloads at user-defined intervals and issues warnings when user-defined thresholds are exceeded.

Multi-Level Automation (MLA)

The user-defined, multiple-step process in Enterprise Storage Automation that implements solutions in a tiered approach, where solutions are invoked one after another until the condition is resolved.

MVALARM	<i>See</i> MAINVIEW Alarm Manager.
MVAPI	<i>See</i> MAINVIEW Application Program Interface.
MVCICS	<i>See</i> MAINVIEW for CICS.
MVDB2	<i>See</i> MAINVIEW for DB2.
MVDBC	<i>See</i> MAINVIEW for DBCTL.
MVIMS	<i>See</i> MAINVIEW for IMS.
MVIP	<i>See</i> MAINVIEW for IP.
MVLNX	<i>See</i> MAINVIEW for Linux – Servers.
MVMQ	<i>See</i> MAINVIEW for WebSphere MQ or MAINVIEW for WebSphere MQ Integrator.
MVMVS	<i>See</i> MAINVIEW for OS/390.
MVScope	A MAINVIEW for OS/390 application that traces both CPU usage down to the CSECT level and I/O usage down to the channel program level.
MVSRM	<i>See</i> MAINVIEW Storage Resource Manager (SRM).
MVSRMHSM	<i>See</i> MAINVIEW SRM Reporting.
MVSRMSGC	<i>See</i> MAINVIEW SRM Reporting.
MVSRMSGD	<i>See</i> MAINVIEW SRM Reporting.
MVSRMSGP	<i>See</i> MAINVIEW SRM Reporting.
MVUSS	<i>See</i> MAINVIEW for UNIX System Services.
MVVP	<i>See</i> MAINVIEW VistaPoint.
MVVTAM	<i>See</i> MAINVIEW for VTAM.
MVWEB	<i>See</i> MAINVIEW for WebSphere Application Server.

nested Help	Multiple layers of Help pop-up windows. Each successive layer is accessed by clicking a hyperlink from the previous layer.
object	<p>Anything that you can manipulate as a single unit. A MAINVIEW object can be a product, secondary window, view, row, column, or field.</p> <p>You can issue an action against an object by issuing a line command in the line command column to the left of the object. <i>See</i> action.</p>
OMVS workload	A group of units of work consisting of OS/390 OpenEdition address spaces.
online Help	Explanatory or instructional information that is accessible from within a product.
OS/390 and z/OS Installer	A BMC Software common installation system for mainframe products.
OS/390 product address space	An address space containing OS/390 or z/OS data collectors, including the CMF MONITOR Extractor. This address space is used by the MAINVIEW for OS/390, MAINVIEW for UNIX System Services, and CMF MONITOR products. <i>See also</i> product address space (PAS).
parameter library	<p>A data set consisting of members that contain parameters for specific MAINVIEW products or a support component. The following versions can exist:</p> <ul style="list-style-type: none"> • the distributed parameter library, called BBPARM • a site-specific parameter library or libraries <p>These libraries can be</p> <ul style="list-style-type: none"> • created by AutoCustomization, called UBBPARM • created manually, with a unique name
PAS	<i>See</i> product address space (PAS).
performance group (PRGP) workload	<p>A collection of address spaces defined to OS/390 or z/OS. If you are running OS/390 or z/OS with WLM in compatibility mode, MAINVIEW for OS/390 creates a performance group workload instead of a service class.</p> <p>In MVS/SP 5.0 or earlier, or in compatibility mode in MVS/SP 5.1 or later, a composite of service classes. MAINVIEW for OS/390 creates a performance group workload for each performance group that is defined in the current IEAIPS.xx member.</p>

PERFORMANCE MANAGER

A MAINVIEW for CICS online service for monitoring and managing current performance of CICS regions.

Performance Reporter (MVIMS)

An MVIMS Offline component that organizes data and prints reports that can be used to analyze IMS performance.

Performance Reporter

A product component that generates offline batch reports. The following products can generate these reports:

- MAINVIEW for DB2
- MAINVIEW for CICS

Plex Manager

A product through which cross-system communication, MAINVIEW security, and an SSI context are established and controlled. Plex Manager is shipped with MAINVIEW window environment products as part of the coordinating address space (CAS) and is accessible as an option from the MAINVIEW Selection Menu.

pop-up display

A full-screen panel that displays additional information about a selected event in a detail trace.

pop-up window

Help information in a viewing area that, when active, overlays part of the window area. A pop-up window is displayed when you issue the HELP command while working in windows mode.

procedure library

A data set consisting of members that contain executable procedures that are used by MAINVIEW AutoOPERATOR. These procedures are execute command lists (EXECs) that automate site functions. The following versions can exist:

- the distributed parameter library, called BBPROC
- a site-specific parameter library or libraries

These libraries can be

- created by AutoCustomization, called UBBPROC
- created manually, with a unique name

The site-created EXECs can be either user-written or customized by EXECs supplied by MAINVIEW AutoOPERATOR that are from BBPROC.

product address space (PAS)

Address space that is used by the MAINVIEW products that contains data collectors and other product functions. *See also* OS/390 product address space *and* BBI subsystem product address space (BBI-SS PAS).

profile library	<p>A data set consisting of members that contain characteristic information and cycle-refresh definitions for a terminal session that is connected to a BBI-SS PAS. Other members are dynamically created by MAINVIEW applications. The following versions can exist:</p> <ul style="list-style-type: none"> • the distributed profile library, called BBPROF • a site-specific profile library or libraries <p>These libraries can be</p> <ul style="list-style-type: none"> • created by AutoCustomization, called SBBPROF • created manually, with a unique name <p>The site library is a common profile, shared by all site users. The terminal session CLIST creates a user profile automatically called <i>userid.BBPROF</i> (if a profile does not exist), where <i>userid</i> is your logon ID. User-profile libraries allow each user to specify unique PF keys, CYCLE commands, target system defaults, a Primary Option Menu, and a set of application profiles.</p>
query	<p>One of two constituent parts of a view; the other is form. A query defines the data for a view; a form defines the display format. <i>See also</i> form, view.</p>
real-time data	<p>Performance information as it exists at the moment of inquiry. Real-time data is recorded during the smallest unit of time for data collection. <i>Contrast with</i> historical data. <i>See also</i> current data and interval data.</p>
Resource Analyzer	<p>The online real-time displays that are used to examine IMS resources and determine which resources are affected by specific workload problems.</p>
Resource Monitor	<p>The online data collection services that are used to oversee IMS resources and issue warnings when defined utilization thresholds are exceeded.</p>
row	<p>(1) The horizontal component of a view or display comprising all the fields pertaining to a single device, address space, user, and so on. (2) The horizontal component of a DB2 table consisting of a sequence of values, one value for each column of the table.</p>
RxD2	<p>A product that provides access to DB2 from REXX. RxD2 provides tools to query the DB2 catalog, issue dynamic SQL, test DB2 applications, analyze EXPLAIN data, generate DDL or DB2 utility JCL, edit DB2 table spaces, perform security administration, and much more.</p>

sample cycle	<p>The time that elapses between data retrieval points.</p> <p>For the CMF MONITOR Extractor, this value is the time specified in the extractor control statements (usually 1 to 5 seconds).</p> <p>For real-time data, the cycle is not fixed. Data is sampled each time you press Enter.</p>
sample library	<p>A data set consisting of members, each of which contains one of the following items:</p> <ul style="list-style-type: none"> • sample JCL that can be edited to perform specific functions • macro that is referenced in the assembly of user-written services • sample user exit routine <p>The following versions are available:</p> <ul style="list-style-type: none"> • the distributed sample library, called BBSAMP • a site-specific sample library or libraries <p>These libraries can be</p> <ul style="list-style-type: none"> • created by AutoCustomization, called UBBSAMP • created manually, with a unique name
sampler	<p>A program that monitors a specific aspect of system performance. It includes utilization thresholds used by the Exception Monitor. The CMF MONITOR Extractor contains samplers.</p>
SBBPROF	<p><i>See</i> profile library.</p>
scope	<p>A subset of an SSI context. The scope could be all the data for the context or a subset of data within the context. It is user- or site-defined. <i>See</i> SSI context, target.</p>
screen definition	<p>A configuration of one or more views that have been stored with the SAVEScr command and assigned a unique name. A screen includes the layout of the windows and the view, context, system, and product that are active in each window.</p>
selection view	<p>In MAINVIEW products, a list of available views presented within a window.</p>
service class workload	<p>A collection of address spaces defined to OS/390 or z/OS. If you are running Workload Manager (WLM) in goal mode, MAINVIEW for OS/390 creates a service class workload for each service class that you define through WLM definition dialogs.</p>

If you are running MVS 4.3 or earlier, or MVS/SP 5.1 or later with WLM in compatibility mode, OS/390 creates a performance group workload instead of a service class. *See* performance group (PGRP) workload.

service objective A workload performance goal, specified in terms of response time for TSO workloads or turnaround time for batch workloads. Performance group workloads can be measured by either objective. Composite workload service objectives consist of user-defined weighting factors assigned to each constituent workload. For compatibility mode, neither OS/390 nor z/OS provides any way to measure service.

service point A specification, to MAINVIEW, of the services required to enable a specific product. Services can be actions, selectors, or views. Each target (for example, CICS, DB2, or IMS) has its own service point.

The PLEX view lists all the defined service points known to the CAS to which the terminal session is connected.

service request block (SRB)

A control block that represents a routine to be dispatched. SRB mode routines generally perform work for the operating system at a high priority. An SRB is similar to a task control block in that it identifies a unit of work to the system. *See also* task control block (TCB).

service select code The code that is entered to invoke analyzers, monitors, and general services. This code is also the name of the individual service.

session The time during which an address space is active. A session begins when monitoring can be performed. If the product address space (PAS) starts after the job, the session starts with the PAS.

SG-Auto *See* MAINVIEW SRM SG-Auto.

SG-Control *See* MAINVIEW SRM Reporting.

single system image (SSI)

A feature of the MAINVIEW window environment where you can view and perform actions on multiple OS/390 or z/OS systems as though they were a single system. The rows of a single tabular view can contain rows from different OS/390 or z/OS images.

Skeleton Tailoring Facility

A facility in MAINVIEW AutoOPERATOR that allows JCL that contains variables within the JCL statements to be substituted with data values at job submission time. Directive statements can be used in the skeleton JCL to cause the repetition of a set of skeleton statements. This facility functions similar to the TSO skeleton tailoring facility.

SRB	<i>See</i> service request block (SRB).
SSI	<i>See</i> single system image (SSI).
SSI context	A name that is created to represent one or more targets for a given product. <i>See</i> context, target.
started task workload	The address spaces that are running jobs that were initiated programmatically.
statistics interval	For MAINVIEW for DB2, cumulative count within a predefined period of time for an analyzer service DELTA or RATE display. Thirty minutes is the default set by the DB2STATS parameter in the distributed BBPARM member BBIISP00. Specifying the DELTA parameter displays the current value as the difference between the value sampled by the current analyzer request and the value sampled at the start of the current interval. Specifying the RATE parameter displays the current value by minute (DELTA divided by the number of elapsed minutes).
stem variables	A REXX facility, supported in MAINVIEW AutoOPERATOR REXX EXECs and the Skeleton Tailoring Facility, where variable names end with a period followed by a number, such as &POOL.1. This configuration allows each variable to actually represent a table or array of data, with the zero variable containing the number of entries in the array. For example, &POOL.0 = 5 would indicate that variables &POOL.1 through &POOL.5 exist.
StopX37/II	<i>See</i> MAINVIEW SRM Allocation.
StorageGUARD	<i>See</i> MAINVIEW SRM Reporting.
summary view	Customized, formatted data created from a tabular view by using the Summarize option. A summary view compresses several rows of data into a single row based on the summarize criteria.
SYSPROG services	A component of MAINVIEW for OS/390 that offers over 100 functions to detect, diagnose, and correct OS/390 or z/OS system problems as they occur. This component is accessible from the OS/390 Performance and Control Main Menu and is also available as a stand-alone product: MAINVIEW SYSPROG Services.
system resource	<i>See</i> object.
target	An entity— such as an OS/390 or z/OS image, an IMS or DB2 subsystem, a CICS region, or related workloads across systems—that is monitored by one or more MAINVIEW products. <i>See</i> context, scope, SSI context.

target context	A single target/product combination. <i>See</i> context.
TASCOSTR	A MAINVIEW for IMS Offline program that summarizes detail and summary IMS Resource Utilization Files (IRUFs) for use as input to the offline components.
task control block (TCB)	An address space-specific control block that represents a unit of work that is dispatched in the address space in which it was created. <i>See also</i> service request block (SRB).
TCB	<i>See</i> task control block (TCB).
terminal session (TS)	A single point of control for MAINVIEW products, allowing data manipulation and data display and providing other terminal user services for MAINVIEW products. The terminal session runs in a user address space (either a TSO address space or a stand-alone address space for EXCP/VTAM access).
TDIR	<i>See</i> trace log directory (TDIR).
threshold	A specified value that is used to determine whether the data in a field meets specific criteria.
TLDS	<i>See</i> trace log data set (TLDS).
total mode	A usage mode in CMFMON wherein certain columns of data reflect the cumulative value between collection intervals. Total mode is invoked by the DELta OFF command. <i>See also</i> collection interval, delta mode.
trace	(1) A record of a series of events chronologically listed as they occur. (2) The online data-collection and display services that track transaction activity through DB2, IMS, or CICS.
trace log data set (TLDS)	Single or multiple external VSAM collections of data that contain summary or detail trace data for later viewing or printing. The trace logs can be defined as needed or dynamically allocated by the BBI-SS PAS. Each trace request is assigned its own trace log data sets.
trace log directory (TDIR)	A VSAM linear data set containing one entry for each trace log data set. Each entry indicates the date and time of data set creation, the current status of the data set, the trace target, and other related information.
transaction	A specific set of input data that initiates a predefined process or job.

Transaction Accountant

An MVIMS Offline component that produces cost-accounting and user charge-back records and reports.

TS *See* terminal session (TS).

TSO workload A group of units of work that consists of address spaces running TSO sessions.

UAS *See* user address space (UAS).

UBBPARM *See* parameter library.

UBBPROC *See* procedure library.

UBBSAMP *See* sample library.

user address space (UAS)

An address space that runs a MAINVIEW terminal session in TSO, VTAM, or EXCP mode.

user BBPROF *See* profile library.

view The formatted data within a MAINVIEW window, acquired from a product as a result of a command or action. A view consists of two parts: query and form. *See also* form, job activity view, query.

view definition The meaning of data that appears online, including source of data, selection criteria for data-field inclusion and placement, data format, summarization, context, product, view name, hyperlink fields, and threshold conditions.

view command The name of a view that you type on the COMMAND line to display that view.

view command stack

An internal collection of up to 10 queries. For each command, the stack contains the filter parameters, sort order, context, product, and time frame that accompany the view.

view Help Embedded information describing the purpose of a specific view. To display view Help, place the cursor on the view name on the window information line and press **PF1** (HELP).

window An area of the MAINVIEW screen in which views and resources are presented. A window has visible boundaries and can be smaller than or equal in size to the MAINVIEW window area. *See* active window, alternate window, current window, MAINVIEW window area.

window information line

The top border of a window. It shows the window identifier, the name of the view displayed in the window, the system, the scope, the product reflected by the window, and the time frame for which the data in the window is relevant. *See also* window status field.

window number

A sequential identifier assigned by MAINVIEW to each window when it is opened. The window number is the second character in the window status field. *See also* window status field.

window status

A one-character letter that indicates when a window is ready to receive commands, is busy processing commands, is not to be updated, or contains no data. The window status also indicates when an error has occurred in a window. The window status is the first character in the window status field. *See also* window information line, window status field.

window status field

An area on the window information line that shows the current status and assigned number of the window. *See also* window number, window status.

windows mode

A collection of one or more MAINVIEW product views on a screen that can be divided into a maximum of 20 windows. A window information line defines the top border of each window. *Contrast with* full-screen mode.

WLM workload

In goal mode in MVS/SP 5.1 and later, a composite of service classes. MAINVIEW for OS/390 creates a workload for each WLM workload that is defined in the active service policy.

workflow

A measure of system activity that indicates how efficiently system resources are serving the jobs in a workload.

workload

(1) A systematic grouping of units of work (for example, address spaces, CICS transactions, IMS transactions) according to classification criteria established by a system administrator. (2) In OS/390 or z/OS, a group of service classes within a service definition.

workload activity view

Data that shows workload activity as the workload accesses system resources. A workload activity view measures workload activity in terms of resource consumption and how well the workload activity meets its service objectives.

Workload Analyzer

The online data-collection and display services that are used to examine IMS workloads and determine problem causes.

workload definition

A group of units of work that is created through the WKLIST view. A definition contains a unique name, a description, an initial status, a current status, and selection criteria by which address spaces are selected for inclusion in the workload. *See* Workload Definition Facility.

Workload Definition Facility

In MAINVIEW for OS/390, the WKLIST view and its associated dialogs through which workloads are defined and service objectives are set.

workload delay view

Data that shows workload performance as the workload accesses system resources. A workload delay view measures any delay a workload experiences as it contends for resources.

Workload Monitor

The online data-collection services that are used to monitor IMS workloads and issue warnings when defined thresholds are exceeded.

workload objectives

The performance goals for a group of units of work defined in WKLIST. Objectives can include measures of performance such as response times and batch turnaround times.

Index

A

AutoCustomization requirements 26

C

CMF MONITOR

- DASD storage requirements 8
- FMID information 29, 30
- software requirements 2
- target and distribution libraries 43
- virtual storage estimates 16

common code considerations 11–15

D

DASD storage requirements

- CMF MONITOR 8
- common code adjustments 11–15
- Energizer for CICS 8
- InTune 8
- MAINVIEW AutoOPERATOR 8
- MAINVIEW Explorer 8
- MAINVIEW FOCAL POINT 8
- MAINVIEW for CICS 8
- MAINVIEW for DB2 8
- MAINVIEW for DBCTL 8, 9
- MAINVIEW for IMS Offline 8, 9
- MAINVIEW for IMS Online 9
- MAINVIEW for IP 9
- MAINVIEW for Linux - Servers 9
- MAINVIEW for OS/390 9
- MAINVIEW for UNIX System Services 9
- MAINVIEW for VTAM 9
- MAINVIEW for WebSphere Application Server 9
- MAINVIEW for WebSphere MQ 9
- MAINVIEW for WebSphere MQ Integrator 9
- MAINVIEW Storage Resource Manager 9
- MAINVIEW SYSPROG Services 10
- MAINVIEW VistaPoint 10
- primary allocation 7
- RxD2 10
- secondary allocation 8

distribution libraries

- CMF MONITOR 43
- Energizer for CICS 44
- InTune 44
- MAINVIEW Alarm Manager 45
- MAINVIEW Alternate Access 45
- MAINVIEW AutoOPERATOR 44
- MAINVIEW FOCAL POINT 45
- MAINVIEW for CICS 46
- MAINVIEW for DB2 46, 47
- MAINVIEW for DBCTL 47, 48
- MAINVIEW for IMS Offline 47, 48

- MAINVIEW for IMS Online 48, 49
- MAINVIEW for IP 49
- MAINVIEW for Linux - Servers 50
- MAINVIEW for OS/390 50
- MAINVIEW for UNIX System Services 51
- MAINVIEW for VTAM 52
- MAINVIEW for WebSphere Application Server 52
- MAINVIEW Storage Resource Manager 53
- MAINVIEW SYSPROG Services 54
- MAINVIEW VistaPoint 54
- RxD2 54

E

Energizer for CICS

- DASD storage requirements 8
- FMID information 30
- software requirements 2
- target and distribution libraries 44
- virtual storage estimates 16

F

FMID information

- CMF MONITOR 29, 30
- Energizer for CICS 30
- InTune 30
- MAINVIEW Alarm Manager 30
- MAINVIEW Alternate Access 30
- MAINVIEW AutoOPERATOR 31
- MAINVIEW Explorer 31
- MAINVIEW FOCAL POINT 31
- MAINVIEW for CICS 32, 33
- MAINVIEW for DB2 33, 34
- MAINVIEW for DBCTL 34, 36
- MAINVIEW for IMS Offline 35, 36
- MAINVIEW for IMS Online 35, 37
- MAINVIEW for IP 37
- MAINVIEW for Linux - Servers 38
- MAINVIEW for OS/390 38
- MAINVIEW for UNIX System Services 39
- MAINVIEW for VTAM 40
- MAINVIEW for WebSphere Application Server 40
- MAINVIEW for WebSphere MQ 41
- MAINVIEW for WebSphere MQ Integrator 41
- MAINVIEW Storage Resource Manager 41
- MAINVIEW SYSPROG Services 42
- MAINVIEW VistaPoint 42
- RxD2 42

I

installation prerequisites

- DASD storage 7–15
- software 2–6

- virtual storage 16–25
- InTune
 - DASD storage requirements 8
 - FMID information 30
 - software requirements 2
 - target and distribution libraries 44
 - virtual storage estimates 17

L

- libraries
 - product FMIDs 28–42
 - target and distribution by product 43–55

M

- MAINVIEW Alarm Manager
 - FMID information 30
 - software requirements 2
 - target and distribution libraries 45
 - virtual storage estimates 17
- MAINVIEW Alternate Access
 - AutoCustomization considerations 26
 - FMID information 30
 - software requirements 2
 - target and distribution libraries 45
 - virtual storage estimates 17
- MAINVIEW AutoOPERATOR
 - DASD storage requirements 8
 - FMID information 31
 - software requirements 2
 - target and distribution libraries 44
 - virtual storage estimates 18
- MAINVIEW Explorer
 - DASD storage requirements 8
 - FMID information 31
 - software requirements 3
 - virtual storage estimates 18
- MAINVIEW FOCAL POINT
 - DASD storage requirements 8
 - FMID information 31
 - software requirements 3
 - target and distribution libraries 45
 - virtual storage estimates 18
- MAINVIEW for CICS
 - DASD storage requirements 8
 - FMID information 32, 33
 - software requirements 3
 - target and distribution libraries 46
 - virtual storage estimates 19
- MAINVIEW for DB2
 - DASD storage requirements 8
 - FMID information 33, 34
 - software requirements 4
 - target and distribution libraries 46, 47
 - virtual storage estimates 20
- MAINVIEW for DBCTL
 - DASD storage requirements 8, 9
 - FMID information 34, 36
 - software requirements 4
 - target and distribution libraries 47, 48
 - virtual storage estimates 21
- MAINVIEW for IMS Offline
 - DASD storage requirements 8, 9
 - FMID information 35, 36
 - software requirements 4
 - target and distribution libraries 47, 48
- MAINVIEW for IMS Online
 - DASD storage requirements 9
 - FMID information 35, 37
 - software requirements 4, 5
 - target and distribution libraries 48, 49
 - virtual storage estimates 22
- MAINVIEW for IP
 - DASD storage requirements 9
 - FMID information 37
 - software requirements 5
 - target and distribution libraries 49
- MAINVIEW for Linux - Servers
 - DASD storage requirements 9
 - FMID information 38
 - software requirements 5
 - target and distribution libraries 50
- MAINVIEW for OS/390
 - DASD storage requirements 9
 - FMID information 38
 - software requirements 5
 - target and distribution libraries 50
 - virtual storage estimates 23
- MAINVIEW for UNIX System Services
 - DASD storage requirements 9
 - FMID information 39
 - software requirements 5
 - target and distribution libraries 51
 - virtual storage estimates 24
- MAINVIEW for VTAM
 - DASD storage requirements 9
 - FMID information 40
 - software requirements 5
 - target and distribution libraries 52
- MAINVIEW for WebSphere Application Server
 - DASD storage requirements 9
 - FMID information 40
 - software requirements 5
 - target and distribution libraries 52
- MAINVIEW for WebSphere MQ
 - DASD storage requirements 9
 - FMID information 41
 - software requirements 5
 - target and distribution libraries 53
 - virtual storage estimates 24
- MAINVIEW for WebSphere MQ Integrator
 - DASD storage requirements 9
 - FMID information 41
 - software requirements 5
 - virtual storage estimates 24
- MAINVIEW Storage Resource Manager
 - DASD storage requirements 9

- FMID information 41
- software requirements 5
- target and distribution libraries 53
- virtual storage estimates 24
- MAINVIEW SYSPROG Services
 - DASD storage requirements 10
 - FMID information 42
 - software requirements 5
 - target and distribution libraries 54
 - virtual storage estimates 25
- MAINVIEW VistaPoint
 - DASD storage requirements 10
 - FMID information 42
 - software requirements 6
 - target and distribution libraries 54
 - virtual storage estimates 25

P

- prerequisites
 - DASD storage 7–15
 - software 2–6
 - virtual storage 16–25
- product libraries
 - CMF MONITOR 43
 - Energizer for CICS 44
 - InTune 44
 - MAINVIEW Alarm Manager 45
 - MAINVIEW Alternate Access 45
 - MAINVIEW AutoOPERATOR 44
 - MAINVIEW FOCAL POINT 45
 - MAINVIEW for CICS 46
 - MAINVIEW for DB2 46, 47
 - MAINVIEW for DBCTL 47, 48
 - MAINVIEW for IMS Offline 47, 48
 - MAINVIEW for IMS Online 48, 49
 - MAINVIEW for IP 49
 - MAINVIEW for Linux - Servers 50
 - MAINVIEW for OS/390 50
 - MAINVIEW for UNIX System Services 51
 - MAINVIEW for VTAM 52
 - MAINVIEW for WebSphere Application Server 52
 - MAINVIEW for WebSphere MQ 53
 - MAINVIEW Storage Resource Manager 53
 - MAINVIEW SYSPROG Services 54
 - MAINVIEW VistaPoint 54
 - RxD2 54

R

- requirements
 - AutoCustomization 26
 - DASD storage 7–15
 - software 2–6
 - system 26
 - virtual storage 16–25
- RxD2
 - DASD storage requirements 10
 - FMID information 42

- software requirements 6
- target and distribution libraries 54
- virtual storage estimates 25

S

- software requirements
 - CMF MONITOR 2
 - Energizer for CICS 2
 - InTune 2
 - MAINVIEW Alarm Manager 2
 - MAINVIEW AlternateAccess 2
 - MAINVIEW AutoOPERATOR 2
 - MAINVIEW Explorer 3
 - MAINVIEW FOCAL POINT 3
 - MAINVIEW for CICS 3
 - MAINVIEW for DB2 4
 - MAINVIEW for DBCTL 4
 - MAINVIEW for IMS Offline 4
 - MAINVIEW for IMS Online 4, 5
 - MAINVIEW for IP 5
 - MAINVIEW for Linux - Servers 5
 - MAINVIEW for OS/390 5
 - MAINVIEW for UNIX System Services 5
 - MAINVIEW for VTAM 5
 - MAINVIEW for WebSphere Application Server 5
 - MAINVIEW for WebSphere MQ 5
 - MAINVIEW for WebSphere MQ Integrator 5
 - MAINVIEW Storage Resource Manager 5
 - MAINVIEW SYSPROG Services 5
 - MAINVIEW VistaPoint 6
 - RxD2 6
- system requirements 26

T

- target libraries
 - CMF MONITOR 43
 - Energizer for CICS 44
 - InTune 44
 - MAINVIEW Alarm Manager 45
 - MAINVIEW Alternate Access 45
 - MAINVIEW AutoOPERATOR 44
 - MAINVIEW FOCAL POINT 45
 - MAINVIEW for CICS 46
 - MAINVIEW for DB2 46, 47
 - MAINVIEW for DBCTL 47, 48
 - MAINVIEW for IMS Offline 47, 48
 - MAINVIEW for IMS Online 48, 49
 - MAINVIEW for IP 49
 - MAINVIEW for Linux - Servers 50
 - MAINVIEW for OS/390 50
 - MAINVIEW for UNIX System Services 51
 - MAINVIEW for VTAM 52
 - MAINVIEW for WebSphere Application Server 52
 - MAINVIEW for WebSphere MQ 53
 - MAINVIEW Storage Resource Manager 53
 - MAINVIEW SYSPROG Services 54
 - MAINVIEW VistaPoint 54

RxD2 54

V

virtual storage estimates

- CMF MONITOR 16
- Energizer for CICS 16
- InTune 17
- MAINVIEW Alarm Manager 17
- MAINVIEW Alternate Access 17
- MAINVIEW AutoOPERATOR 18
- MAINVIEW Explorer 18
- MAINVIEW FOCAL POINT 18
- MAINVIEW for CICS 19
- MAINVIEW for DB2 20
- MAINVIEW for DBCTL 21
- MAINVIEW for IMS Online 22
- MAINVIEW for OS/390 23
- MAINVIEW for UNIX System Services 24
- MAINVIEW for WebSphere MQ 24
- MAINVIEW for WebSphere MQ Integrator 24
- MAINVIEW Storage Resource Manager 24
- MAINVIEW SYSPROG Services 25
- MAINVIEW VistaPoint 25
- RxD2 25

END USER LICENSE AGREEMENT NOTICE

BY OPENING THE PACKAGE, INSTALLING, PRESSING "AGREE" OR "YES" OR USING THE PRODUCT, THE ENTITY OR INDIVIDUAL ENTERING INTO THIS AGREEMENT AGREES TO BE BOUND BY THE FOLLOWING TERMS. IF YOU DO NOT AGREE WITH ANY OF THESE TERMS, DO NOT INSTALL OR USE THE PRODUCT, PROMPTLY RETURN THE PRODUCT TO BMC OR YOUR BMC RESELLER, AND IF YOU ACQUIRED THE LICENSE WITHIN 30 DAYS OF THE DATE OF YOUR ORDER CONTACT BMC OR YOUR BMC RESELLER FOR A REFUND OF LICENSE FEES PAID. IF YOU REJECT THIS AGREEMENT, YOU WILL NOT ACQUIRE ANY LICENSE TO USE THE PRODUCT.

This Agreement ("**Agreement**") is between the entity or individual entering into this Agreement ("You") and BMC Software Distribution, Inc., a Delaware corporation located at 2101 CityWest Blvd., Houston, Texas, 77042, USA or its affiliated local licensing entity ("BMC"). "You" includes you and your Affiliates. "Affiliate" is defined as an entity which controls, is controlled by or shares common control with a party. IF MORE THAN ONE LICENSE AGREEMENT COULD APPLY TO THE PRODUCT, THE FOLLOWING ORDER OF LICENSE AGREEMENT PRECEDENCE APPLIES: (1) WEB BASED LICENSE AGREEMENT WITH BMC, (2) WRITTEN LICENSE AGREEMENT WITH BMC, (3) SHRINK-WRAP LICENSE AGREEMENT WITH BMC PROVIDED WITH THE PRODUCT, AND (4) THIS ELECTRONIC LICENSE AGREEMENT WITH BMC. In addition to the restrictions imposed under this Agreement, any other usage restrictions contained in the Product installation instructions or release notes shall apply to Your use of the Product.

PRODUCT AND CAPACITY. "**Software**" means the object code version of the computer programs provided, via delivery or electronic transmission, to You. Software includes computer files, enhancements, maintenance modifications, upgrades, updates, bug fixes, and error corrections.

"**Documentation**" means all written or graphical material provided by BMC in any medium, including any technical specifications, relating to the functionality or operation of the Software.

"**Product**" means the Software and Documentation.

"**License Capacity**" means the licensed capacity for the Software with the pricing and other license defining terms, including capacity restrictions, such as tier limit, total allowed users, gigabyte limit, quantity of Software, and/or other capacity limitations regarding the Software. For licenses based on the power of a computer, You agree to use BMC's current computer classification scheme, which is available at <http://www.bmc.com> or can be provided to You upon request.

ACCEPTANCE. The Product is deemed accepted by You, on the date that You received the Product from BMC.

LICENSE. Subject to the terms of this Agreement, as well as Your payment of applicable fees, BMC grants You a non-exclusive, non-transferable, perpetual (unless a term license is provided on an order) license for each copy of the Software, up to the License Capacity, to do the following:

- (a) install the Software on Your owned or leased hardware located at a facility owned or controlled by You in the country where You acquired the license;
- (b) operate the Software solely for processing Your own data in Your business operations; and
- (c) make one copy of the Software for backup and archival purposes only (collectively a "**License**").

If the Software is designed by BMC to permit you to modify such Software, then you agree to only use such modifications or new software programs for Your internal purposes or otherwise consistent with the License. BMC grants You a license to use the Documentation solely for Your internal use in Your operations.

LICENSE UPGRADES. You may expand the scope of the License Capacity only pursuant to a separate agreement with BMC for such expanded usage and Your payment of applicable fees. There is no additional warranty period or free support period for license upgrades.

RESTRICTIONS: You agree to **NOT:**

- (a) disassemble, reverse engineer, decompile or otherwise attempt to derive any Software from executable code;
- (b) distribute or provide the Software to any third party (including without limitation, use in a service bureau, outsourcing environment, or processing the data of third parties, or for rental, lease, or sublicense); or
- (c) provide a third party with the results of any functional evaluation or benchmarking or performance tests, without BMC's prior written approval, unless prohibited by local law.

TRIAL LICENSE. If, as part of the ordering process, the Product is provided on a trial basis, then these terms apply: (i) this license consists solely of a non-exclusive, non-transferable evaluation license to operate the Software for the period of time specified from BMC or, if not specified, a 30 day time period ("**Trial Period**") only for evaluating whether You desire to acquire a capacity-based license to the Product for a fee; and (ii) Your use of the Product is on an AS IS basis without any warranty, and **BMC, ITS AFFILIATES AND RESELLERS, AND LICENSORS DISCLAIM ANY AND ALL WARRANTIES (INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT) AND HAVE NO LIABILITY WHATSOEVER RESULTING FROM THE USE OF THIS PRODUCT UNDER THIS TRIAL LICENSE ("Trial License").** BMC may terminate for its convenience a Trial License upon notice to You. When the Trial Period ends, Your right to use this Product automatically expires. If You want to continue Your use of the Product beyond the Trial Period, contact BMC to acquire a capacity-based license to the Product for a fee.

TERMINATION. This Agreement shall immediately terminate if You breach any of its terms. Upon termination, for any reason, You must uninstall the Software, and either certify the destruction of the Product or return it to BMC.

OWNERSHIP OF THE PRODUCT. BMC or its Affiliates or licensors retain all right, title and interest to and in the BMC Product and all intellectual property, informational, industrial property and proprietary rights therein. BMC neither grants nor otherwise transfers any rights of ownership in the BMC Product to You. Products are protected by applicable copyright, trade secret, and industrial and intellectual property laws. BMC reserves any rights not expressly granted to You herein.

CONFIDENTIAL AND PROPRIETARY INFORMATION. The Products are and contain valuable confidential information of BMC (“**Confidential Information**”). Confidential Information means non-public technical and non-technical information relating to the Products and Support, including, without limitation, trade secret and proprietary information, and the structure and organization of the Software. You may not disclose the Confidential Information to third parties. You agree to use all reasonable efforts to prevent the unauthorized use, copying, publication or dissemination of the Product.

WARRANTY. Except for a Trial License, BMC warrants that the Software will perform in substantial accordance with the Documentation for a period of one year from the date of the order. This warranty shall not apply to any problems caused by software or hardware not supplied by BMC or to any misuse of the Software.

EXCLUSIVE REMEDY. BMC’s entire liability, and Your exclusive remedy, for any defect in the Software during the warranty period or breach of the warranty above shall be limited to the following: BMC shall use reasonable efforts to remedy defects covered by the warranty or replace the defective Software within a reasonable period of time, or if BMC cannot remedy or replace such defective copy of the Software, then BMC shall refund the amount paid by You for the License for that Software. BMC’s obligations in this section are conditioned upon Your providing BMC prompt access to the affected Software and full cooperation in resolving the claim.

DISCLAIMER. EXCEPT FOR THE EXPRESS WARRANTIES ABOVE, THE PRODUCT IS PROVIDED “AS IS.” BMC, ITS AFFILIATES AND LICENSORS SPECIFICALLY DISCLAIM ALL OTHER WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, AND NON-INFRINGEMENT. BMC DOES NOT WARRANT THAT THE OPERATION OF THE SOFTWARE WILL BE UNINTERRUPTED OR ERROR FREE, OR THAT ALL DEFECTS CAN BE CORRECTED.

DISCLAIMER OF DAMAGES. IN NO EVENT IS BMC, ITS AFFILIATES OR LICENSORS LIABLE FOR ANY SPECIAL, INDIRECT, INCIDENTAL, PUNITIVE OR CONSEQUENTIAL DAMAGES RELATING TO OR ARISING OUT OF THIS AGREEMENT, SUPPORT, AND/OR THE PRODUCT (INCLUDING, WITHOUT LIMITATION, LOST PROFITS, LOST COMPUTER USAGE TIME, AND DAMAGE OR LOSS OF USE OF DATA), EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES, AND IRRESPECTIVE OF ANY NEGLIGENCE OF BMC OR WHETHER SUCH DAMAGES RESULT FROM A CLAIM ARISING UNDER TORT OR CONTRACT LAW.

LIMITS ON LIABILITY. BMC’S AGGREGATE LIABILITY FOR DAMAGES IS LIMITED TO THE AMOUNT PAID BY YOU FOR THE LICENSE TO THE PRODUCT.

SUPPORT. If Your order includes support for the Software, then BMC agrees to provide support (24 hours a day/7 days a week) (“**Support**”). You will be automatically re-enrolled in Support on an annual basis unless BMC receives notice of termination from You as provided below. There is a free support period during the one year warranty period.

(a) **Support Terms.** BMC agrees to make commercially reasonable efforts to provide the following Support: (i) For malfunctions of supported versions of the Software, BMC provides bug fixes, patches or workarounds in order to cause that copy of the Software to operate in substantial conformity with its then-current operating specifications; and (ii) BMC provides new releases or versions, so long as such new releases or versions are furnished by BMC to all other enrolled Support customers without additional charge. BMC may refuse to provide Support for any versions or releases of the Software other than the most recent version or release of such Software made available by BMC. Either party may terminate Your enrollment in Support upon providing notice to the other at least 30 days prior to the next applicable Support anniversary date. If You re-enroll in Support, BMC may charge You a reinstatement fee of 1.5 times what You would have paid if You were enrolled in Support during that time period.

(b) **Fees.** The annual fee for Support is 20% of the Software’s list price less the applicable discount or a flat capacity based annual fee. BMC may change its prices for the Software and/or Support upon at least 30 days notice prior to Your support anniversary date.

VERIFICATION. If requested by BMC, You agree to deliver to BMC periodic written reports, whether generated manually or electronically, detailing Your use of the Software in accordance with this Agreement, including, without limitation, the License Capacity. BMC may, at its expense, perform an audit, at your facilities, of Your use of the Software to confirm Your compliance with the Agreement. If an audit reveals that You have underpaid fees, You agree to pay such underpaid fees. If the underpaid fees exceed 5% of the fees paid, then You agree to also pay BMC’s reasonable costs of conducting the audit.

EXPORT CONTROLS. You agree not to import, export, re-export, or transfer, directly or indirectly, any part of the Product or any underlying information or technology except in full compliance with all United States, foreign and other applicable laws and regulations.

GOVERNING LAW. This Agreement is governed by the substantive laws in force, without regard to conflict of laws principles: (a) in the State of New York, if you acquired the License in the United States, Puerto Rico, or any country in Central or South America; (b) in the Province of Ontario, if you acquired the License in Canada (subsections (a) and (b) collectively referred to as the “**Americas Region**”); (c) in Singapore, if you acquired the License in Japan, South Korea, Peoples Republic of China, Special Administrative Region of Hong Kong, Republic of China, Philippines, Indonesia, Malaysia, Singapore, India, Australia, New Zealand, or Thailand (collectively, “**Asia Pacific Region**”); or (d) in the Netherlands, if you acquired the License in any other country not described above. The United Nations Convention on Contracts for the International Sale of Goods is specifically disclaimed in its entirety.

ARBITRATION. ANY DISPUTE BETWEEN YOU AND BMC ARISING OUT OF THIS AGREEMENT OR THE BREACH OR ALLEGED BREACH, SHALL BE DETERMINED BY BINDING ARBITRATION CONDUCTED IN ENGLISH. IF THE DISPUTE IS INITIATED IN THE AMERICAS REGION, THE ARBITRATION SHALL BE HELD IN NEW YORK, U.S.A., UNDER THE CURRENT COMMERCIAL OR INTERNATIONAL, AS APPLICABLE, RULES OF THE AMERICAN ARBITRATION ASSOCIATION. IF THE DISPUTE IS INITIATED IN A COUNTRY IN THE ASIA PACIFIC REGION, THE ARBITRATION SHALL BE HELD IN SINGAPORE, SINGAPORE UNDER THE CURRENT UNCITRAL ARBITRATION RULES. IF THE DISPUTE IS INITIATED IN A COUNTRY OUTSIDE OF THE AMERICAS REGION OR ASIA PACIFIC REGION, THE ARBITRATION SHALL BE HELD IN AMSTERDAM, NETHERLANDS UNDER THE CURRENT UNCITRAL ARBITRATION RULES. THE COSTS OF THE ARBITRATION SHALL BE BORNE EQUALLY PENDING THE ARBITRATOR’S AWARD. THE AWARD RENDERED SHALL BE FINAL AND BINDING UPON THE PARTIES AND SHALL NOT BE SUBJECT TO APPEAL TO ANY COURT, AND MAY BE ENFORCED IN ANY COURT OF COMPETENT JURISDICTION. NOTHING IN THIS AGREEMENT SHALL BE DEEMED AS PREVENTING EITHER PARTY FROM SEEKING INJUNCTIVE RELIEF FROM ANY COURT HAVING JURISDICTION OVER THE PARTIES AND THE SUBJECT MATTER OF

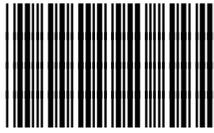
THE DISPUTE AS NECESSARY TO PROTECT EITHER PARTY'S CONFIDENTIAL INFORMATION, OWNERSHIP, OR ANY OTHER PROPRIETARY RIGHTS. ALL ARBITRATION PROCEEDINGS SHALL BE CONDUCTED IN CONFIDENCE, AND THE PARTY PREVAILING IN ARBITRATION SHALL BE ENTITLED TO RECOVER ITS REASONABLE ATTORNEYS' FEES AND NECESSARY COSTS INCURRED RELATED THERETO FROM THE OTHER PARTY.

U.S. GOVERNMENT RESTRICTED RIGHTS. The Software under this Agreement is "commercial computer software" as that term is described in 48 C.F.R. 252.227-7014(a)(1). If acquired by or on behalf of a civilian agency, the U.S. Government acquires this commercial computer software and/or commercial computer software documentation subject to the terms of this Agreement as specified in 48 C.F.R. 12.212 (Computer Software) and 12.211 (Technical Data) of the Federal Acquisition Regulations ("**FAR**") and its successors. If acquired by or on behalf of any agency within the Department of Defense ("**DOD**"), the U.S. Government acquires this commercial computer software and/or commercial computer software documentation subject to the terms of this Agreement as specified in 48 C.F.R. 227.7202 of the DOD FAR Supplement and its successors.

MISCELLANEOUS TERMS. You agree to pay BMC all amounts owed no later than 30 days from the date of the applicable invoice, unless otherwise provided on the order for the License to the Products. You will pay, or reimburse BMC, for taxes of any kind, including sales, use, duty, tariffs, customs, withholding, property, value-added (VAT), and other similar federal, state or local taxes (other than taxes based on BMC's net income) imposed in connection with the Product and/or the Support. This Agreement constitutes the entire agreement between You and BMC and supersedes any prior or contemporaneous negotiations or agreements, whether oral, written or displayed electronically, concerning the Product and related subject matter. No modification or waiver of any provision hereof will be effective unless made in a writing signed by both BMC and You. You may not assign or transfer this Agreement or a License to a third party without BMC's prior written consent. Should any provision of this Agreement be invalid or unenforceable, the remainder of the provisions will remain in effect. The parties have agreed that this Agreement and the documents related thereto be drawn up in the English language. Les parties exigent que la présente convention ainsi que les documents qui s'y rattachent soient rédigés en anglais.

SW Click EULA 071102

Notes



41689