



# ibi™ FOCUS®

## Compatibility Information for ibi™ FOCUS® for Mainframe

April 2024



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# End of Life Statement for ibi FOCUS for Mainframe

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ibi™ FOCUS® for Mainframe is currently supported at all release levels from FOCUS® 7.0.8R to the current FOCUS 9.0.2 release without planned end-of-life dates.

This level of support includes:

- Certification of FOCUS on new IBM operating systems.
- Certification of FOCUS with new versions of supported databases.

Extensive customer support for FOCUS issues and FOCUS related systems issues, including installation and migration.

We will continue to provide this support until operating system or database requirements force us to restrict our support level.

In addition, FOCUS for Mainframe versions 7.6.13M, FOCUS 7.7.09M, FOCUS 8207, and FOCUS 9.0.2 are in active development and new service pack releases are provided as needed.

# Certification Status of ibi FOCUS for Mainframe With IBM Operating Systems

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The following charts indicate the certification status of FOCUS for Mainframe with IBM's z/OS, z/VM and MSO/FOCUS with z/OS and CICS.

## z/OS (updated June 2022)

z/OS Oper ating Syste m	FOCUS for Mainframe Release											
	902 <sup>6</sup>	8207 6	7709 6	7706	7703	76	73	72	711	709	708R	
V2R5 <sup>1</sup> , 2, 3, 4, 5	Certi fied	Certi fied	Certi fied	Certi fied	Certi fied	Certi fied	Certi fied <sup>7</sup>	Certi fied	Certi fied	Certi fied	Certi fied	Certi fied
V2R4 <sup>1</sup> , 2, 3, 4, 5	Certi fied	Certi fied	Certi fied	Certi fied	Certi fied	Certi fied	Certi fied	Certi fied	Certi fied	Certi fied	Certi fied	Certi fied
V2R3 <sup>1</sup> , 2, 3, 4	n/a	n/a	Certi fied	Certi fied	Certi fied	Certi fied	Certi fied	Certi fied	Certi fied	Certi fied	Certi fied	Certi fied
V2R2 <sup>1</sup> , 2, 3,	n/a	n/a	Certi fied	Certi fied	Certi fied	Certi fied	Certi fied	Certi fied	Certi fied	Certi fied	Certi fied	Certi fied

### Note 1: BPX.DEFAULT.USER Advisory:

IBM has modified the way that a system service, BPX.DEFAULT USER, is implemented on the z/OS platform. The update which was originally intended to be released starting in z/OS 2.1 has been extended by way of PTFs to two (2) other operating systems, z/OS 1.12 and 1.13, to help those using BPX.DEFAULT.USER convert to BPX.UNIQUE.USER before migrating to z/OS V2.1.

Information Builders recommends that our customers (who utilize MSO and other Information Builders products which call the BPX.DEFAULT.USER macro via our use of the IBM LE compiler to obtain USS (Unix System Services) utilities like TCP/IP) read the IBM documentation on the following APARS and PTFs:

z/OS Oper ating Syste m	FOCUS for Mainframe Release										
	902 <sup>6</sup>	8207 6	7709 6	7706	7703	76	73	72	711	709	708R

IBM z/OS 2.1 APAR OA42554

IBM z/OS 1.13 PTF UA69991

IBM z/OS 1.12 PTF UA69990

The documentation instructs IBM customers how to implement RACF rules for those users who need to gain access to USS services using the new BPX.UNIQUE.USER macro. Failure to implement the new RACF rules or IBM maintenance may result in FOCUS error messages being issued.

Note 2: For z/OS release 2.2 and higher:

There are two FOCUS features that require APF authorization:

The FOCUS zIIP feature in FOCUS releases 7.6.10 and higher, 7.7.03M, 7.7.06M, and 7.7.09M.

The FOCUS MSO environment in FOCUS releases 7.6.13 and lower.

If your libraries are APF authorized via TSO, you may get the following message when issuing the FOCUS DYNAM COPY command:

(FOC870) UNABLE TO COPY USER1.FOCEXEC.DATA, RFFFF-01

If you have the new z/OS maintenance, you will also get the following message when using DYNAM COPY from FOCUS running unauthorized via PGM=FOCUS:

(FOC942) COPY/COMPRESS FAILED, IEBCOPY REQUIRES APF AUTHORIZATION

FOCUS for Mainframe has a fix for these issues included in FOCUS 7709M gen 1544, FOCUS 7.7.06M gen 941, 77.03M gen 787, and FOCUS 7.6.13 gen 538 and higher releases.

Note 3: For z/OS releases 2.2 and higher:

z/OS Oper ating Syste m	FOCUS for Mainframe Release										
		902 <sup>6</sup>	8207 6	7709 6	7706	7703	76	73	72	711	709

Issue: The FOCUS ? PTF command, used in FOCUS releases 7.08R - 7.613 to determine the level of FOCUS maintenance, no longer works in a CLIST or batch JCL run "above the line."

Since the ? PTF command is used infrequently, Information Builders has decided not to distribute a PTF or Hotfix to remediate this issue because doing so could introduce instability in otherwise stable FOCUS releases.

Solution: When moving to IBM z/OS release 2.2 or higher, either retain an existing, or define a new, JES batch class that contains the parameter SWA=BELOW. With this parameter, a FOCUS batch job with the ? PTF command placed within the //SYSIN DD allocation will produce output in the JESLOG that reports the FOCUS maintenance level. Information Builders does not suggest changing your site's TSO environment in order to run this command from a CLIST.

Note 4: If you upgrade your IBM operating system release to z/OS 2.3 or higher, you must apply maintenance to your FOCUS release. This maintenance (distributed as Information Builders PTF 322396) is required for FOCUS releases 7.0.8R, 7.0.9, 7.1.1, 7.2.1 through 7.2.11, 7.3.1 through 7.3.12, and 7.6.1 through 7.6.13 when run on z/OS 2.3 or higher. For details about the issue, and instructions for ordering the required PTF, see Required Maintenance for FOCUS When Upgrading to IBM z/OS 2.3 or Higher.

Note 5: As of zOS 2.4, IBM no longer allows the use of ALLOWUSERKEYCSA = YES. This represents a potential security hole. As of zOS 2.4, the only allowable setting is NO. This requires the installation of the latest IB FOCUS subsystem, which was made available as a PTF in the 76 release. The subsystem is used by the sink machine. Failure to upgrade will result in an abend. This new subsystem is totally compatible with previous FOCUS versions and can be installed and used prior to zOS 2.4 upgrade. For more information, see TM8062: Required IBI Subsystem Maintenance for z/OS 2.4.

Note 6: Please note that unlike previous versions, these FOCUS versions are a full 64-bit release. It is delivered in extended format. Please review the Summary of New Features and the Release Notes for additional information.

Note 7: FOCUS 7.3.0 through 7.3.12 require a PTF zap to prevent an abend. Please contact TIBCO support to receive this zap.

## z/VM (updated March 2022)

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z/VM Operating System	FOCUS for Mainframe Release					
	7.6	7.3	7.2	7.1.1	7.0.9	7.0.8R
	Current Release					
V7R1	Pending	Pending	Pending	Pending	Pending	Pending
V6R4	Certified	Certified	Certified	Certified	Certified	Certified
V6R2	Certified	Certified	Certified	Certified	Certified	Certified

# MSO/ibi FOCUS z/OS and CICS (updated March 2022)

This chart indicates the certification status specific to MSO/FOCUS with IBM's operating systems. All requirements for FOCUS versions indicated above pertain to the following FOCUS product releases as well.

## CICS/MSO/FOCUS Release

			7.6	7.3	7.2	7.1.1	7.0.9	7.0.8 R	
			Current Release						
CICS	5.2	z/OS V2R1	Certified	Certified	Certified	Certified	Certified		
Transaction Server		and z/OS V1R13						Certified	
	5.1	z/OS V2R1	Certified	Certified	Certified	Certified	Certified		
		and z/OS V1R13						Certified	

## MSO/FOCUS Release

MSO/FOCUS does not take advantage of z/OS 64-bit processing. This support is being investigated for a future release.

Operating System		7.6	7.3	7.2	7.1.1	7.0.9	7.0.8R
		<b>Current Release</b>					
z/OS	V2R2, V2R3, V2R4, and V2R5	Certified for Releases 7.6.5 and higher	Certified for Release 7.3.12	Certified for Release 7.3.11	Certified	Release 7.0.9 is certified when using APF authorized MSO libraries.	Release 7.0.8R is certified when using APF authorized MSO libraries. If you intend to use non-APF authorized MSO libraries, please contact Customer Support to request that a PTF be created.

# Database Adapter Compatibility for ibi FOCUS for Mainframe (updated October 2019)

This chart indicates database adapters available for FOCUS for Mainframe for all supported FOCUS releases, unless otherwise noted.

## Platform: MVS z/OS

Adapter	Maximum Version	Notes
ADABAS	8	
Db2	12	7703M and 7706M are shipped for Db2 up to v10 and v11 respectively. To access Db2 v12, configure with the latest version shipped and run the IDB2BIND using the Db2 v12 load libraries.
DATAKOM	15	
IDMS	19	
IMS	14	
IMS	15	DBCTL - 7.2.x and higher
INFOMAN	7.1	
MODEL 204	All Relevant	
MILLENIUM	3	

<b>Adapter</b>	<b>Maximum Version</b>	<b>Notes</b>
NOMAD	6.05A	
ORACLE	10	
SUPRA	All Relevant	
TERADATA	All Relevant	
TOTAL	All Relevant	
VSAM	All Relevant	

### Platform: VM z/VM

<b>Adapter</b>	<b>Maximum Version</b>	<b>Notes</b>
ADABAS	8	
Db2	12	
IDMS	19	
NOMAD	6.05A	
ORACLE	10	

# ibi Documentation and Support Services

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For information about this product, you can read the documentation, contact Support, and join Community.

## How to Access ibi Documentation

Documentation for ibi products is available on the [Product Documentation website](#), mainly in HTML and PDF formats.

The [Product Documentation website](#) is updated frequently and is more current than any other documentation included with the product.

## Product-Specific Documentation

The documentation for this product is available on the [ibi™ FOCUS® Documentation](#) page.

## How to Contact Support for ibi Products

You can contact the Support team in the following ways:

- To access the Support Knowledge Base and getting personalized content about products you are interested in, visit our [product Support website](#).
- To create a Support case, you must have a valid maintenance or support contract with a Cloud Software Group entity. You also need a username and password to log in to the [product Support website](#). If you do not have a username, you can request one by clicking **Register** on the website.

## How to Join ibi Community

ibi Community is the official channel for ibi customers, partners, and employee subject matter experts to share and access their collective experience. ibi Community offers access to Q&A forums, product wikis, and best practices. It also offers access to extensions, adapters, solution accelerators, and tools that extend and enable customers to gain full value from ibi products. For a free registration, go to [ibi Community](#).

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