



Fujitsu Technology Solutions

IQS (BS2000/OSD)
Version 4.0A50
May 2013

Release Notice

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1 General

This Release Notice is a summary of the major extensions, requirements and operating information with regard to delivery unit

4 IQS (BS2000/OSD ()) V4.0A50

*4 The release level is that of May 2013

*4 IQS V4A50 is a correction version of V4.0.
IQS V4.0 is the successor to IQS V3.1D.

IQS is the dialog system for the database system UDS/SQL. The dialog is run in a dialog language IQL (Interactive Query Language) similar to natural speech. Data can be added to, output from or removed from a database and calculations carried out with numeric data with easily learned commands. Files can also be used, independent of access to UDS databases. These can be IQS event files or non-IQS files.

*4 All BS2000 product Release Notices including this one
*4 are available on the Internet under the following URL:
*4 <http://manuals.ts.fujitsu.com>

Customers will receive an updated version of this file should any subsequent changes be made. The changes are identified by marks.

If one or more previous versions are skipped when this product version is used, the information from the Release Notices (and README files) of the previous versions must be noted.

*) BS2000/OSD is a registered trademark of Fujitsu
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1.1 Ordering

- *4 IQS 4.0A50 can be ordered from your local Fujitsu Technology Solutions Region.
- *4 IQS 4.0A50 is subject to the general terms and conditions of the software product use and service agreement.

1.2 Delivery

- *4 The IQS V4.0V50 files are supplied via SOLIS.
The current file and volume characteristics are listed in the SOLIS2 delivery cover letter.

The delivery comprises the following files:

	SYSLNK.IQS.040	IQS module library
	SYSPRC.IQS.040	IQS start procedure
	SYSPRC.IQS.040.BWRLOG	BWRLOG start procedure
	SYSPRG.IQS.040	Library with start llms - C.IQS (independent variant) - C.L.IQS (linked-in variant) - C.BWRLOG (evaluation program for dialog logging) - IQS/IQSL (IQS as sub program for ADILOS)
*2		
*2		
	SYSFGM.IQS.040.D	Release Notice (German)
	SYSFGM.IQS.040.E	Release Notice (English)
*1	SYSRME.IQS.040.D	README file as manual supplement (German)
*1		
*1	SYSRME.IQS.040.E	README file as manual supplement (English)
*1		
	SYSSII.IQS.040	File for product installation with IMON

1.3 Documentation

*4 The documentation of IQS V4.0A50 is available on the Internet
*4 under the following URL: <http://manuals.ts.fujitsu.com>

*4 Supplements to IQS V4.0A50 can be found in the README file.

2 Software extensions

see README file

3 Technical information

3.1 Resource requirements

The minimum virtual address space required for applications is as follows:

C.IQS	54 KB	(+ IQSMAN + UDSCON)
C.L.IQS	54 KB	(+ IQSMAN + LINKED-IN-DBH)
IQSMAN	1278 KB	
IQSGERM	32 KB	(or IQSENGL)
C.BWRLOG	20 KB	

3.2 Software configuration

*4 The following software requirements must be met for using IQS V4.0A50:

*4	Operating system		BS2000/OSD V6.0
-----+-----			

*4	File access system		UDS/SQL V2.6
-----+-----			

Use by choice:

	LMS access		as of LMS V3.0
-----+-----			

	Format handling		as of FHS V8.2
-----+-----			

	Editor		as of EDT V16.6
-----+-----			

	SORT		as of V7.8
-----+-----			

*4 The dependencies defined in the UDS/SQL V2.6A Release Notice also apply.

3.3 Product installation

The standard installation procedure is SOLIS.

3.4 Product use

These are two variants of the IQS load module, which each work with different variants of the database handler:

C.IQS	for independent DBH
C.L.IQS	for linked-in DBH

The IQSMAIN prelinked module is loaded by both variants, as is also the linked-in DBH of C.L.IQS.
Either the IQSGERM or IQSENGL message module is also loaded.

The start programs for both variants and the BWRLOG evaluation program are supplied in the SYSPRG.IQS.040 library. The delivery also includes a start procedure containing the calls for both variants with the relevant library assignments.

*2 From this version IQS can be used in XS mode. The mode can be
*2 chosen with an additional parameter when calling the start-
*2 phase. The start procedure is adapted.
*2 For detailed description see the README file.

3.5 Obsolete functions and those to be discontinued

Entry of the user name, user group and password is discontinued in the input mask when starting IQS. The <access rights> parameter for the OPEN DB statement is also discontinued.

3.6 Incompatibilities

*4 The start of the IQS start variants has changed:

- *4 - Both IQS start programs (linked-in and independent) C.IQS
*4 and C.L.IQS and also the BWRLOG evaluation program
*4 C.BWRLOG are since IQS V4.0 LLMs and supplied in the library
*4 SYSPRG.IQS.040.
- *4 - For the start of both IQS start variants the start procedure
*4 SYSPRC.IQS.040 will be delivered.
- *4 - For the start of the BWRLOG evaluation program the start
*4 procedure SYSPRC.IQS.040.BWRLOG will be delivered.
- *4 - SYSPRC.IQS.040:
*4 From IQS V4.0A50 the UDS-Modlib will be loaded by IMON.

*4 The TASKLIB instruction and the link name UDSOML is no longer
 *4 required, the procedure parameter &UDSLIB is deleted.

*4 New procedure parameter: &UDSVERS: (e.g.&UDSVERS=02.6A10)
 *4 With the new instruction
 *4 /SELECT-PRODUCT-VERSION PRODUCT-NAME=UDS-SQL,VERSION=&UDSVERS
 *4 - in case of different parallel installed UDS versions -the
 *4 required UDS version will be defined.

*4 - SYSPRC.IQS.040.BWRLOG:
 *4 From IQS V4.0A50 the procedure has been adjusted and the
 *4 predefiniton UDS.MODLIB for the library to reload the
 *4 formatting module MFHSFORM has been removed.
 *4 With the new procedure parameter &FORMLIB the library
 *4 with the module MFHSFORM has to be specified,
 *4 e.g. &FORMLIB=\$TSOS.MFHSROUT.
 *4 Instruction: /SET-TASKLIB LIBRARY=&FORMLIB

*4 Note:
 *4 For detailed description see the README file.

3.7 Restrictions

not applicable

3.8 Procedure in the event of errors

The following documentation is required for diagnosis if an error occurs:

- Dump (as the primary dump file for further analysis with diagnostic tools)
- IQS logging protocol
- BPSIA protocol of Schema and Subschema

3.9 Corrected error

*4 The following errors are corrected with version 4.0A50:
 *4 A0578142: Problems with data fields of type PIC S9(18)COMP3
 *4 A0578143: IQS cannot display (variable) data fields > 3536
 *4 characters
 *4 A0584734: IQS error creating FIND7-BIBs (FIND with more then 18
 *4 with OR combined WHEN clauses)
 *4 A0593753: Loop in IQS (Wrong calculation of max. number of
 *4 definable variables)