



Norsk Data

Product Information

Product name

SIBAS/R Process

Product number

211144B

Description of product

The general purpose database management system SIBAS/R.
This product is the server part of SIBAS/R.
See ch.2 for a list of other parts of SIBAS/R.

Reason(s) for new version

- Increased performance
- More active users
- Automatic and unattended operation and backup possible by using SIBAS-Manager
- SQL server included in SIBAS server
- Incremental backup possibilities by using several R-log files
- Very much faster verify
- National sorting possible

Table of Contents

Page

Prerequisites	2
Dependencies	3
Documentation	4
Modifications	4
Installation procedure	5

Product Information

Product name

SIBAS/R Process

Product number

211144B

1 Prerequisites

In order to use this product, the following are required.

1.1 Hardware prerequisites

CPU type (any of the following):

- 500
- 5000

1.2 Software prerequisites

The following software must be available on the system before the product is installed:

Operating system:

SINTRAN-L WorkMode 7

Patchfile >= 4000

Product name

Product number

ND Linker

211224 B

Backup-System

210337 I

1.3 Other prerequisites

Minimum Permanent Mass Storage:

<u>User</u>	<u>Space (pages)</u>	<u>Number of files</u>
SIBR-B	. 3600	40

Requirements regarding internal devices: None

Requirements regarding batch processors: None

Product Information

Product name

SIBAS/R Process

Product number

211144B

2 Dependencies

In addition, the following dependencies exist between this and other products. The hardware and software listed here, may for example be necessary to make full use of the product.

<u>Product name</u>	<u>Product number</u>
DOMINO/SCSI System Package	211478 A
- Disk system controller with software used by SIBAS and Backup-System for increased performance.	
TCP/IP Basic Module/III	211327 B
- Ethernet LAN controller with software. Together with SIBAS Backend (ND-211404 B) this controller will increase performance in frontend/backend systems considerably.	

The following products are other parts of the SIBAS/R system:

<u>Product name</u>	<u>Product number</u>
SIBAS/R Utilities	250377 B
- Service and utility programs	
SIBAS/R Manager	211455 A
- For automatic, predefined and unattended operation	
SIBAS/R Libraries for ND-100/500/5000	211304 B
- For access to the database	
SIBAS/R Library for OWS	230030 A
- For access to the database from PC applications	
SIBAS/R Softkey	250289 B
- Software licence key	
SIBAS/R Backend	211404 B
- For access to the database from frontend systems	

Product Information

Product name SIBAS/R Process	Product number 211144B
---------------------------------	----------------------------------

3 Documentation

Included with the product

None

Optional (must be purchased)

<u>Title</u>	<u>Number</u>
DIALOUGE - SIBAS/R Application Development (DML)	ND-860290.2
DIALOUGE - SIBAS/R DML Quick Reference Card	ND-899078.1
DIALOUGE - SIBAS/R Database Definition (DRL)	ND-860282.2
DIALOUGE - SIBAS/R DRL Quick Reference Card	ND-899015.1
DIALOUGE - Operation	ND-830072.2
tpServer System Administrator Guide	ND-830127.1
DIALOUGE - SQL User Guide	ND-860258.2
DIALOUGE - SQL Application Development	ND-860259.1

4 Modifications

See the documentation.

Product Information

Product name

SIBAS/R Process

Product number

211144B

5 Installation procedure

5.1 Automatic installation

- Log in as user: SYSTEM
- Stop all databases on the system
- Insert the floppy 211144B03-XX-01D in floppy drive 0
- @ENTER-DIRECTORY,,F-D-1,0↓
- Run the installation program:
@(211144:FLoppy-User)IN-SIBAS↓
Answer the questions according to your installation needs.
- The file SW-CONFIG:SYMB should be copied to user ND-OPERATION, unless the file already exists there. The file following this delivery, installed on user SIBR-B, holds a couple of examples of database definitions. This file should be edited to reflect the databases and systems you are running. The syntax used on the file is very important - any misspelt parameters on SW-CONFIG will be ignored and default value will be used. (In most cases without warning or error message.) Refer to the manual DIALOUGE-Operation (ND-830072.2) for more information.
- In case of fatal errors in SIBAS/R, internal structures will be written to the file SIBAS:DUMP on user SIBR-B, to be used by ND support personnel. The size of the dump depends on the actual situation when the dump occurs - there should always be enough space on user SIBR-B to allow the dump file to grow to approx. 200 pages.

Product Information

Product name SIBAS/R Process	Product number 211144B
---------------------------------	----------------------------------

- To complete the installation of the SIBAS/R process you must run the SIBAS/R process patch-file.
- Log in as user SIBR-B
- Insert the floppy 211144B03-XX-03D in floppy drive 0
- @ENTER-DIRECTORY,,F-D-1,0↓
- Run the mode-file:
@MODE (211144:FLOppy-User)SIBRP-B03:PATC "SIBRP-B03:POUT"↓
- The installation of the SIBAS/R process is now completed.
- Include the following line in the file HENT-MODE:MODE
@MODE (SIBR-B)SIBRC-B:DUMP (SIBR-C)SIBRC-B:OUT
- Include the following lines in the file LOAD-MODE:MODE
@INTV SIBRC 2 3
@RT SIBRC

Product Information

Product name	Product number
SIBAS/R Process	211144B

5.2 Hints for installation

- The installation program will delete a previous revision (e.g.B01) if SIBAS/R if you answer Yes to the question 'Do you want to delete previous version?'. Due to previous abnormal stops of SIBAS, some files may be open even if all databases are properly stopped. Deletion of the files will then fail. The files may be manually closed by patching the object entry of the file, as illustrated in the following example: (user input underlined)

- Log in as user: SYSTEM

```
@LIST-FILES (SIBR-B)SIBR-MESS,,↓
FILE 0 : (PACK-EXTRA:SIBR-B)SIBR-MESS-TS-B01:SEG;1
FILE 1 : (PACK-EXTRA:SIBR-B)SIBR-MESSAGE-B01:SEG;1
FILE 12 : (PACK-EXTRA:SIBR-B)SIBRP-MESS-B01:NRF;1
@CHANGE-OBJECT-ENTRY↓
USER NAME: PACK-EXTRA:SIBR-B↓ NB! Remember dir.name!
OBJECT INDEX: 0↓ File 0 is open one
```

```
22/ 000001 0↓
xxxxxxx .
@
```

- The file may now be manually deleted.