Norsk Data

Product Information

Product name
Disk Mirroring

Product number
210855E

Description of product

Enhance security against disk failures by automatically duplicating data stored on selected disk(s). Allow online backup of databases to be taken.

Reason for new version

In the L-version of SINTRAN III, the disk mirroring code are merged with the SINTRAN III code. This means that SINTRAN patching is no longer a part of the installation procedure. Further, all messages are routed through the new SINTRAN III error handling, the ERS watchdog. The FTX error logger is thus no longer a prerequisite.

Table of Contents   Page

1 Prerequisites

The following things are <u>required</u> in order to use this product:

1.1 Hardware prerequisites

The following hardware must be present for this product to be used:

<u>CPU type (any of the following)</u>:

- 100 CX
- 110 CX
- 120 CX

Floating format: **All**

<u>Other hardware</u>:

NONE

1.2 Software prerequisites

The following software must be installed on the system for this product to be used:

<u>Operating system</u>:

<u>Name</u>	<u>Version/Revision</u>
SINTRAN III	$\geq L$

<u>Other software</u>:

<u>Product name</u>	<u>Product number</u>
FTX Error Logger version A03 or ER-S3WD EDAT-file version B11	*211128A*
UE-Errors version C02 or later	*250178C*

Product Information

Product name	Product number
Disk Mirroring	**210855E**

1.3 Other prerequisites

The following are necessary for this product to be used:

Minimum Permanent Mass Storage:

User area	Space (pages)	Number of files
FTX	*140*	*3*

	Minimum	Maximum
Number of segments (ND-100)	*2*	*2*
Number of RT descriptions	*2*	*2*

Space required on segment files: *68* pages

Requirements regarding internal devices: NONE

Requirements regarding batch processors: NONE

2 Dependencies

In addition to the hardware and software prerequisites listed above, the following dependencies exist between this and other products. The hardware and software listed here may, for example, be necessary to use the product's full functionality.

2.1 Hardware dependencies

NONE

2.2 Software dependencies

There are dependency relationships between this product and the following software:

Product name

SINTRAN III

Nature of dependency

SINTRAN III must be prepared for Disk Mirroring and generated with the number of clusters wanted.

Product name	Product number
Disk Mirroring	**210855E**

3 Documentation

Included (distributed free with product)

Title	Number
Disk Mirroring Operator Guide	*830070.1 EN*

Optional (must be purchased)

Title	Number
NONE	

4 Installation procedure

4.1 Automatic installation

- Log in as user area SYSTEM.

- Insert the diskette containing Disk Mirroring in a floppy disk drive and enter the directory by typing the command (use the actual controller and unit numbers on your system):

  @ENTER-DIRECTORY 210855E,FLOPPY-DISC-<controller>,<unit>↵

- Start the installation program by typing

  @(210855)IN-DIMIR↵

- Follow the directions given by the installation program.

- Remember to remove the diskette when finished.

4.2 Non-automatic installation

NONE

Product name	Product number
Disk Mirroring	**210855E**

5 Modifications

5.1 New functions/commands

NONE

5.2 Changed functions/commands

NONE

5.3 Removed functions/commands

NONE

5.4 Other modifications

NONE

6 Errors corrected

NONE

7 Errors known but not corrected

Some rare error messages from the REVIVE process are written
directly to the error device and not logged through SINTRAN.