ND NorskData
ND-895546.1 EN

Product Information

SINTRAN III Monitor Call Package	210913C

Description of product

ND-100 and ND-500/5000 monitor call interface for COBOL, FORTRAN, PASCAL and PLANC.

Reason for new version

- Support new monitor calls
- Error correction

Prerequisites

Software prerequisites

Operating system: SINTRAN III/VSX version M or later.

Other prerequisites

Minimum Permanent Mass Storage on user area SYSTEM: 7 pages on 1 file
on any user area (default = SYSTEM):   17 pages on 3 files

Dependencies

This is a list of compilers (with version required) supporting the monitor call package:

- COBOL for ND-100 (ND 210176) version H or later.
- COBOL for ND-500/5000 (ND 210177) version H or later.
- COBOL-85 for ND-500/5000 (ND 210177) version K or later.
- FORTRAN for ND-100 (ND 210191) version E or later.
- FORTRAN for ND-500/5000 (ND 210190) version I or later.
- PASCAL for ND-100 (ND 211001) version A or later.
- PASCAL for ND-500/5000 (ND 211003) version A or later.
- PLANC for ND-100 (ND 210309) version F or later.
- PLANC for ND-500/5000 (ND 210310) version F or later.

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Documentation

Title	ND number
SINTRAN III Release Information, M-version	860230.7
SINTRAN III Monitor Calls	860228.3

The product consists of the following:

Directory: 210913C<rev>-xx-01   User area: FLOPPY-USER

File name	Type	Contents
MON-CALL-LIB	MODE	Mode file to install library files
MON-CALL-NAMES	MODE	Mode file to install name file
MON-CALL-1B-C<rev>	BRF	Monitor call library for ND-100 1-bank
MON-CALL-2B-C<rev>	BRF	Monitor call library for ND-100 2-bank
MON-CALL-LIB-C<rev>	NRF	Monitor call library for ND-500/5000
MON-CALL-NAMES-C	DATA	Monitor call names

Installation procedure

The file MON-CALL-NAMES-C:DATA must be copied to user area SYSTEM, the other files may reside on any user area. All files must have public read access.

- Log in as user area SYSTEM and insert the diskette in the floppy drive.

- Enter the directory on the floppy:

  @ENTER-DIRECTORY 210913C,FLOPPY-DISC-<controller no.>,<floppy-unit> ⏎

- Copy the monitor calls name file to disk:

  @MODE (210913C:FLOPPY-USER)MON-CALL-NAMES:MODE,, ⏎

  The library files are usually placed on user area SYSTEM, but they may reside on any user area. If necessary, change user area to the one selected, and copy the library files to disk:

  @MODE (210913C:FLOPPY-USER)MON-CALL-LIB:MODE,, ⏎

- Release the directory and remove the diskette:

  @RELEASE-DIRECTORY 210913C ⏎

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Modifications

- The monitor call package is extended to support parameter checking of the MONITOR CALL function. This is available in PLANC for ND-100 and ND-500/5000 version H and later.

- EUSEL - MON 300_8 - SetEscapeHandling
  The monitor call is supported for both ND-100 and ND-500/5000 programs.

- MLAMU - MON 315_8 - LAMUFunction
  Functions implemented in late generations of the K-version and in the L-version of SINTRAN III are supported.

- FSMTY - MON 327_8 - FileSystemFunction
  Functions implemented in the L- and M-versions of SINTRAN III are supported.

- IOMTY - MON 336_8 - TerminalFunction
  Functions implemented in late generations of the K-version and in the L- and M-versions of SINTRAN III are supported.
  Some functions are only available for ND-100 programs.

- RSREC - MON 340_8 - ReadSystemRecord
  The monitor call is supported for both ND-100 and ND-500/5000 programs.

- CONFG - MON 343_8 - Configuration
  The monitor call is supported for both ND-100 and ND-500/5000 programs.

- RWSEG - MON 350_8 - SegmentIO
  The monitor call is supported for both ND-100 and ND-500/5000 programs.

- IOPEN - MON 351_8 - IndexedOpen
  The monitor call is supported for both ND-100 and ND-500/5000 programs.

- EVENT - MON 352_8 - EventSystem
  The monitor call is supported for both ND-100 and ND-500/5000 programs.

- PLACE - MON 441_8 - PlaceSegment
  The monitor call is supported for ND-500/5000 programs only.

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Errors corrected

- OPEN   - MON 50_8 - OpenFile
  Corrected error in ND-100 version.

- FIXC5   - MON 61_8 - MemoryAllocation
  Corrected error in ND-100 version.

- GRTNA - MON 152_8 - GetRTName
  Corrected error in ND-100 and ND-500/5000 versions.

- DOPEN - MON 220_8 - DirectOpen
  Corrected error in ND-100 version.

- SCROP - MON 235_8 - ScratchOpen
  Corrected error in ND-100 version.

- SPERD - MON 236_8 - SetPermanentOpen
  Corrected error in ND-100 version.

- SUSCN - MON 241_8 - NewUser
  Corrected error in both ND-100 and ND-500/5000 versions.

- MLAMU - MON 315_8 - LamuFunction
  Corrected error in ND-100 version.

- DVINST - MON 503_8 - InputString
  Corrected error in ND-500/5000 PLANC version.