THE POSSIBILITIES ARE INFINITE

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Fujitsu Technology Solutions

VTSU-B (BS2000/OSD)
Version V13.3A
VTSUTRAC (BS2000/OSD)
Version V13.3A

May 2009

Release Notice

Release Notice VTSU-B V13.3A / VTSUTRAC V13.3A

1 General

This release notice is a summary of the major extensions,
dependencies and operating information for VTSU-B V13.3A and
VTSUTRAC V13.3A under the BS2000/OSD operating system *)
The release level is that of May 2009

This Release Notice is supplied as a file in uppercase and lower-
case. Customers will receive an updated version of this file,
should any subsequent changes be made.

To print the file (english version) use:

/PRINT-DOCUMENT FROM-FILE=SYSFGM.VTSU-B.133.E,DOC-
FORM=*TEXT(LINE-SPACING=BY-EBCDIC-CONTROL)

All BS2000 product Release Notices are available in the Internet.
This one is available under the following URL:

http://manuals.ts.fujitsu.com/

If the use of this product version means that one or more
predecessor versions are skipped, the notes in the Release
Notices (or README files) of the predecessor version or
versions must also be taken into account.

1.1 Ordering

VTSU-B V13.3A and VTSUTRAC V13.3A are part of the delivery unit
openNet Server V3.3A and can be ordered from your local distribu-
tors.

VTSU-B V13.3A and VTSUTRAC V13.3A are subject to the general
terms and conditions of the software product use and service
agreement.

1.2 Delivery

The VTSU-B V13.3A and VTSUTRAC V13.3A files are supplied via SO-
LIS. Delivery includes the following files:

The following products files are independent from the HSI:

The valid file and volume attributes are listed in the
SOLIS2 delivery statement.

Delivery of VTSU-B V13.3A includes the following files:

*) BS2000/OSD (R) is a registered trademark of
   Fujitsu Technology Solutions

```
Delivery units:
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The following product files are independent from the HSI:

Delivery components        Product description
-------------------------------------------------------------------
SINPRC.VTSU-B.133          Special routines installation
                           procedure for arabic and 7-bit
                           national support
SIPLIB.VTSU-B.133          Contains the privileged user
                           interfaces for VTSU-B V13.3A
SYSFGM.VTSU-B.133.D        Release notice (German)
SYSFGM.VTSU-B.133.E        Release notice (English)
SYSLIB.VTSU-B.133          Contains the non-privileged user
                           interfaces for VTSU-B V13.3A
SYSMES.VTSU-B.133          Message file with the VTSU-B V13.3A
                           messages
SYSNRF.VTSU-B.133          Contains a list of modules on which
                           reps may be applied for VTSU-B
                           V13.3A.
                           As VTSU-B V13.3A is internally
                           separated into two variants,some
                           modules may remain unloaded, this
                           file avoids error when reps are
                           tried to be applied on unloaded
                           modules.
SYSPAR.VTSU-B.133          Parameter file contains default
                           values for all operating
                           parameters
SYSRME.VTSU-B.133.D        Readme file (german).
                           Contains supplements to the
                           manual.
SYSRME.VTSU-B.133.E        Readme file (endlish).
                           Contains supplements to the
                           manual.
SYSRMS.VTSU-B.133          Contains the REP corrections (if
                           any) for VTSU-B V13.3A
SYSSII.VTSU-B.133          Structure and installation
                           information file
SYSSSC.VTSU-B.133          SSCM catalog statements defining
                           the VTSU subsystem


The following product files are only necessary on S-servers:

Delivery components        Product description
-------------------------------------------------------------------
SYSLNK.VTSU-B.133          Contains the (prelinked) modules
                           of VTSU-B V13.3A which will be
                           installed by DSSM (before SYSTEM
                           READY).
SYSLNK.VTSU-B.133.SR       Contains the (prelinked) modules of
                           VTSU-B V13.3A which implements the
                           special routines for arabic and
                           7-bit national suppor.
```

The following product files are only necessary on SX-servers:

```
Delivery components        Product description
-----------------------------------------------------------------
SPMLNK.VTSU-B.133          Contains the (prelinked) modules
                           of VTSU-B V13.3A which will be
                           installed by DSSM (before SYSTEM
                           READY)
SPMLNK.VTSU-B.133.SR       Contains the (prelinked) modules of
                           VTSU-B V13.3A which implements the
                           special routines for arabic and
                           7-bit national support.
```

Delivery of VTSUTRAC V13.3A includes the following files:

Delivery units:

The following product files are independent from the HSI

```
Delivery components        Product description
-----------------------------------------------------------------
SYSNRF.VTSUTRAC.133        Contains a list of modules on which
                           reps may be applied for VTSUTRAC
                           V13.1A.
                           As VTSUTRAC V13.3A is internally
                           separated into two variants, some
                           modules may remain unloaded, this
                           file avoids error when reps are
                           tried to be applied on unloaded
                           modules
SYSPRC.VTSUTRAC.133        This procedure must be called to
                           start subsystem VTSUTRAC V13.3A.
                           It determines which records are
                           to be logged in the serslog file
SYSRMS.VTSUTRAC.133        Contains the REP corrections
                            (if any) for VTSUTRAC V13.3A
SYSSII.VTSUTRAC.133        Structure and installation
                           information file
SYSSSC.VTSUTRAC.133        SSCM catalog statements defining
                           the VTSUTRAC subsystem
```

The following product files are only necessary on S-Servers:

```
Delivery components        Product description
-----------------------------------------------------------------
SYSLNK.VTSUTRAC.133        Contains the prelinked modules of
                           VTSUTRAC V13.3A which will be
                           loaded at the subsystem activation
                           when calling the procedure
                           $TSOS.SYSPRC.VTSUTRAC.133
```

The following product files are only necessary on SR2000:

```
Delivery components        Product description
-----------------------------------------------------------------
SRMLNK.VTSUTRAC.133        Contains the prelinked modules of
                           VTSUTRAC V13.3A which will be
                           loaded at the subsystem activation
                           when calling the procedure
                           $TSOS.SYSPRC.VTSUTRAC.133
```

The following product files are only necessary on SX-Servers:

```
Delivery components        Product description
-----------------------------------------------------------------
SPMLNK.VTSUTRAC.133        Contains the prelinked modules of
                           VTSUTRAC V13.3A which will be loaded
                           at the subsystem activation when
                           calling the procedure
                           $TSOS.SYSPRC.VTSUTRAC.133
```

1.3 Documentation

The following documentation is available for VTSU-B V13.3A:

```
- VTSU V11.0A Benutzerhandbuch          U22328J-Z135-1

  VTSU V11.0A User guide                U22328J-Z135-1-7600
```

These manuals are completed with readme files where the changes
and supplements since the version VTSU-B V11.0A are described
(structure of the names of the files see below).

You also need the manuals for the basic BS2000 system to operate
VTSU-B V13.3A and VTSUTRAC V13.3A.

In addition, it is advisable to consult the documentation for the
different access methods (TIAM, DCAM and UTM).

The release notice of TIAM V13.2A and the release notice and the
manual of XHCS-SYS V2.0A are useful for the Unicode support. In
addition the introduction to Unicode in BS2000/OSD:

```
- BS2000/OSD,TRANSDATA
  XHCS V2.0 Benutzerhandbuch (deutsch) U9232-J-Z135-5
  XHCS V2.0 User Guide (english)       U9232-J-Z135-5-76

- BS2000/OSD
  Unicode im BS2000/OSD – Übersichtshandbuch (deutsch)
                                    U41646-J-Z125-1
  Unicode in BS2000/OSD – Introduction (english)
                                    U41646-J-Z125-1-76
```

The BS2000 product release notices are available in the Internet
under
http://manuals.ts.fujitsu.com.

The BS2000/OSD documentation is also available on CD-ROM in
German and English under the title BS2000/OSD SoftBooks.

The documentation is available in the form of online manuals under http://manuals.ts.fujitsu.com or can be ordered in printed form at extra cost under http://manualshop.ts.fujitsu.com

The product Adobe Reader is required to read or print the manuals in PDF format.

There may also be README files available for the manuals. These files contain modifications and supplements for the manual applying to each relevant product. The names of these files are structured as follows:

```
SYSRME.<prod>.<vers>.D          (file with German text)
SYSRME.<prod>.<vers>.E          (file with English text)
```

When printing the files, the CONTR-CHAR=EBCDIC operand should be specified in the PRINT-FILE command.

2 Software expansions

In the following only the extensions and improvements compared with the version VTSU-B V12.0 are described.

A new VTSU Control Block version is available that has been extended with a new parameter (INFOLR) to allow an application to reset itself the info line (sometimes called system line). This topic is mainly useful for DCAM applications.

From TIAM V13.0A and VTSU-B V13.0A, the user has also the possibility to modify for its own dialog task, the system setting concerning the terminal roll-up mode.
The system setting (TERMROLL) is defined in the operating parameters file : SYSPAR.VTSU-B.133 (or SYSPAR.VTSU-B
This functionality is available through the TIAM command
/MODIFY-TERMINAL-OPTIONS.

From TIAM V13.0A too, the user can modify both system and program prompts of its own dialog task. This modification is available with the command /MODIFY-TERMINAL-OPTIONS.

A configuration file can be used to define statically 8-bit devices and the coded character set to be activated when a connection is established from one of them.

With VTSU-B V13.2A, TIAM V13.1C and XHCS-SYS V2.0A Unicode is supported in BS2000. Thus terminal emulations with unicode features like MT9750 V7.0 can be supported.

VTSU-B V13.3A and VTSUTRAC V13.3A contain the adaptions BS2000/OSD-BC V8.0A.

3 Technical information

3.1 Resource requirements

Not relevant

3.2 Software configuration

The runtime environment for VTSU-B V13.3A and VTSUTRAC V13.3A is
as follows:

```
Product              Version
--------------------------------------------------------------
BS2000/OSD-BC        as of 6.0A
OSD/XC                       4.0A (SQ servers & SX servers)
```

When using Unicode support in VTSU-B and XHCS:

```
Product              Version
--------------------------------------------------------------
BS2000/OSD-BC        as of 6.0B with KP II/2006
OSD/XC                       4.0A (SQ servers & SX servers)
```

3.3 Product installation

Installation of the products VTSU-B V13.3A and VTSUTRAC V13.3A
with the Installation Monitor IMON is mandatory. When you install
the products follow the information in this Release Notice as
well as the installation instructions in the delivery cover let-
ter and the product manual

The necessary inputs and the sequence of the installation with
IMON are described in the IMON documentation

After successful installation the following actions have to be
performed:

- the parameter file defining VTSU-B operating parameters can be
  linked using the logical id :SYSPAR

  It must be taken into account that if a file named
  SYSPAR.VTSU-B is located under TSOS, it will be evaluated
  instead of a possible one linked with IMON.
  Default: SYSPAR.VTSU-B.133

- the configuration file defining 7-bit devices can be linked
  using the logical id : SYSPAR.CONFIG
  Default SYSPAR.VTSU-B.133.CONFIG

- the configuration file defining static 8-bit devices can be
  linked using the logical id: SYSPAR.EHCS
  Default: SYSPAR.VTSU-B.133.EHCS

3.4 Product use

VTSU-B V13.2A/VTSUTRAC V13.1A are usable as preceeding versions.

3.5 Discontinued functions (and functions to be discontinued)

None

3.6 Incompatibilities

VTSU-B V13.3A and VTSUTRAC V13.3A are fully compatible with VTSU-
B V13.2A and VTSUTRAC V13.1A

3.7 Restrictions

None

3.8 Error handling

If an error occurs, the following error information is required
for diagnosis:

- detailed description of the situation. Is the error
  reproducible (yes/no) ?

- BS2000 (and XHCS-SYS) version(s) from the system you work on.

- device type you work on.

- environment in which you work: TIAM, UTM, DCAM with OMNIS or
  not.

- system dump or sled if available.

- for reproducible errors, a VTSU trace should be taken using
  product VTSUTRAC (start procedure: $TSOS.SYSPRC.VTSUTRAC.133)

If an error occurs in VTSUTRAC, the following error information
is required for diagnosis:

- detailed description of the situation. Is error reproducible
  (yes/no) ?

- BS2000 and VTSU-B versions from the system you work on.

- the list of parameters given at the procedure call.

- the result given by VTSUTRAC if this one is erroneous or the
  system dump or sled if VTSUTRAC completly fails.

4 Hardware support

VTSU-B V13.3A and VTSUTRAC V13.3A run on all CPUs that are sup-
ported by BS2000/OSD-BC as of V6.0.