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FIELD CHANGE ORDER VT1000 DECwindows Terminal	NUMBER: VX100-F001

APPLICABILITY:

All VT1000 DECwindows Terminals with firmware revision BELOW V2.0

PROBLEM & SYMPTOM:
Less than optimum performance

SOLUTION:
Install ROM board with new version of firmware.

QUICK CHECK:
Terminal Manager Window will display:
          "V2.0 Terminal Manager"

PRE/CO-REQUISITE FCO: NONE	MTTI HRS .3

TOOL/TEST EQUIPMENT: NONE

FCO PARTS INFORMATION

FCO KIT NO.	DESCRIPTION OF CONTENTS	EQ KIT VARIATION APPLICABILITY
EQ-01584-01	(1) 54-19803-01 VX100 ROM Board (1) EK-V1000-DK VT1000 Document set (1) FA-04913-01 FCO Installation Ins	VX100 All variations

FCO CHARGING INFORMATION

WARRANTY/CONTRACT				NONWARRANTY/NONCONTRACT				
ON-SITE		OFF-SITE		ON-SITE		OFF-SITE		MATERIAL ONLY
TRAVEL/ INSTALL	EQ KIT	INSTALL	EQ KIT	TRAVEL/ INSTALL	EQ KIT	INSTALL	EQ KIT	ORDER-ADMIN,HANDLING PKG,SHIPPING & EQ KIT
DEC	DEC	DEC	DEC	CUS	CUS	CUS	CUS	DEC-Exchange only

APPROVALS

CSSE	FSHQ LOGISTICS	FS PRODUCT SAFETY
James Riess	Gloria Sitzman	Cheryl Buis

| CSSE MANAGER | FS. MICROFICHE LIBRARIES | FCO RELEASE DATE |
| Dave Margerum | VAXDOC EP-CSVDC-LB | 13 August 1990 |
|_____| VAX/PDP EP-CSMST-LB |_____|
MICROMEDIA		FCO REVISION
Diane MacDonald	VAX Notes	A
_____	STARS	_____	
POPULATION		PARTS AVAILABILITY	
9,000			August, 1990
_____	_____	_____

Pre-Installation
_____

  NOTE: Before installing this new ROM board, please note your current
        settings on your VT1000 Terminal Manager Customize window. This
        information will be needed to start a session with your new
        ROM board.
                                 VMS System   Unix or Ultrix System

   1. Font path(s)   _____   _____
                                                          N/A
   2. Group Code(s)   _____   _____
                                      N/A
   3. VT1000 IP address   _____   _____

   4. Host node(s) or IP Address _____   _____

  Other non-default TERMINAL MANAGER CUSTOMIZE and SESSION MANAGER
  CUSTOMIZE feature settings should also be noted.

  After installing the new ROM board, the procedures for using the
  functional enhancements can be found in the new "Installing and Using
  the VT1000 Video Terminal" manual shipped with your kit. The new areas
  that should be reviewed are:

  Using Video Terminal (VTE) Windows

  1. Changing your TCP/IP Name Server Settings
  2. Changing your TCP/IP Routing Table Settings

  Using the VT1000 Terminal Manager

  1. Pausing or Ending Sessions
  2. Pausing a Session

  Customizing the VT1000 Terminal Manager

1. Changing your Security settings
2. Locking your customize Dialog Boxes
3. Activating Customize Password Security.

CUSTOMER RETURNS

Customers receiving this change from Digital Assisted Services
(U.S.A. only) please return your old ROM board to the following address
for CREDIT.

Ship to: DIGITAL EQUIPMENT CORPORATION
           234 BALLARDVALE STREET,BLDG.D
           WILMINGTON,MA 01887-1081   ATT: CUSTOMER RETURNS CENTER
                                                Stockroom 26
                                          Return # _____

Installing Read Only Memory (ROM) Board
_____

  This describes how to install the Read Only Memory (ROM) Board into
  your VT1000 video terminal. A detailed installation procedure also
  appears in "Installing and Using the VT1000 Video Terminal"
  (EK-V1000-UG-002) that comes with the upgrade kit.

  Unpack and check the contents of the box. The upgrade kit contains:

        (1) ROM Board (part number 54-19803-01). Do not remove
            the ROM board from its protective bag until needed
            later on in this procedure.

        (1) Users manual "Installing and Using the VT1000
            Video Terminal" (part number EK-V1000-UG-002)

  Carefully inspect the components for shipping damage. If you have any
  missing or damaged items, contact your sales representative and
  delivery agent.

```
        *****************************************************************
        *                         CAUTION                              *
        * The ROM board can be damaged by electrostatic discharge *
        * (ESD). Handle the ROM board by its cover or strap.       *
        * Avoid contact with any components or circuitry within    *
        * the system box.                                          *
```

```
          ************************************************************

                              ** NOTE**

          Digital recommends using a grounding wrist strap and an
          antistatic mat to perform the installation, if available.
          Otherwise, Digital recommends that you frequently touch the
          metal chassis of the system box during installation, to
          neutralize any existing static charges.
```

Remove the System Box Cover
_____

    1. Turn the VT1000 system box's <|/O> power switch off (O).

    2. Turn off the power switch and wait 60 seconds.

```
     ********************************************************************
     *                          **Warning**                           *
     *                                                                 *
     * The CRT store high voltages that can injure you, wait at least 60 *
     * seconds before continuing.                                      *
     ********************************************************************
```

    3. Disconnect the two power cords from the rear of the system box.

    4. Disconnect the monitor video cable from the rear of the system box.

    5. Remove the monitor from the top of the system box. (You may need
       two people.)

    6. Release the top cover of the system box by pressing in the two push
       tabs on the side of the box with the power switch, as shown in
       Figure 1.

7. Slowly lift the top cover until you release the hinges on the
   other side of the box. Then lift the top cover completely off the
   system box.

   Identify the four major components in the system box.
   (See Figure 2)

        1.   System logic board
        2.   Optional RAM controller board and SIMM boards
        3.   ROM memory board
        4.   Power supply

```
*********************************************************************
*                            CAUTION                               *
*                                                                  *
*  Care should be taken handling the cover during removal.  The    *
*  metal shield on the underside of the cover can have some sharp  *
*  edges.                                                          *
*********************************************************************
```

_____|_____

Remove the Old ROM Board From your System Box
_____

   1. Release the 4 standoff clips by gently pushing each clip away from
      the board and lifting up on the edges of the board.

   2. Grasp the handle of the ROM board and pull up firmly.

   3. Place the board on top of the power supply's metal cover, with the
      handle side up. (See Figure 3)

Install the New ROM Board Into the System Box
_____

   1. Remove the new ROM board from the shipping bag.

2. Grasp the strap on the new ROM board.

3. Carefully place the ROM board on top of the ROM connector and
   standoffs in the system box. Use the standoffs as guides to align
   the connector on the board with the connector in the system box.

4. Press down firmly on the board and its edges to seat the connector
   and lock each of the four standoff clips. (See Figure 4)

NOTE

If you have problems, re-check the installation procedures carefully.
If the problem continues, contact Digital Customer Services.

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 _ _ _ _ _ _ _                  |        FCO  VX100-F001
| | | | | | | |                 |
|d|i|g|i|t|a|l|                 |        PAGE 8  OF  9
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                                |
_____|_____
```

Replace the System Box Cover
_____

   1. From the front of the system box, place the right side of the top
      cover onto the hinge tabs in the right side of the system box.

   2. Gently lower the left side of the top cover onto the system box.
      Make sure the power connector frame is inside the system box.

   3. Push down on the left side of the top cover until it snaps into
      the two push tabs, locking it in place.

4. Place the monitor on top of the system box.

    5. Connect the two power cords to the rear of the system box.

    6. Connect the monitor video cable to rear of the system box.

    7. Turn the system box's <|/O> power switch on (|).

    8. Turn the monitor's <|/O> power switch on (|).

 Verify the Installation
 _____

    1. Turn power on to the monitor and system box.

    2. After diagnostic tests have completed, you should see:

            - a box at the bottom of the screen stating "All
              Diagnostics Passed"

            - the Icon Box at the top of the screen,

            - VT1000 Terminal Manager window

    3. Input customized data recorded (page2) from your old ROM board.

                            NOTE

     If you have problems, recheck the installation procedures
     carefully. If the problem continues, contact Digital Customer
     Services.

      The installation procedure is complete.


```
  _ _ _ _ _ _ _                    |        FCO  VX100-F001
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 |d|i|g|i|t|a|l|                   |        PAGE 9  OF  9
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```

 Digital Customer Service Installation Reporting
 _____

         LARS

 CATEGORY F   USA   GIA   EUROPE

```
   Activity -
    (a)Contract and Warranty        W              U              Y
    (b)IN-DEC Contract              K
       Hardware Segment Code        111
       Non Contract/Non Warranty    F              F              F
    (c)RTD/Off-site Agreement       F
Product Line       01

    DEC Option                      VX100          VX100          VX100
    Type of Call                    M              M              M
    Action Taken                    D              D              I
    Fail Area-Module-FCO-Comments VX100-F001       VX100-F001  VX100-F001
    Material Used                   EQ-01584-01    EQ-01584-01 EQ-01584-01
```

(a) Warranty Optimum, Warranty Standard and Warranty Basic (on-site)
     Agreements.
(b) Applies to INDEC AREA ONLY - Warranty Optimum, Warranty Standard
     and Warranty Basic (on-site) Agreements.
(c) RTD=Return to Digital or Off-site Agreements; If Field Engineer
     On-site, use Activity Code "F".