

CRISP Automation Systems Documentation

Manual Number: MAN-TPU-INST-031

Subject: CRISP TPU 3.1 Installation and Configuration

Date Created: 08/26/2002 Revision 1.0 Date Revised: N/A

Effective Date: 08/26/2002

Supersedes: N/A

Revision History

<u>Revision</u>	<u>Date Issued</u>	<u>Description</u>	<u>Author</u>	<u>Approved</u>
1.0	08/26/2002	Original Issue	S. Quayle	K. Wild

Reference Documents:

N/A

Prepared By: Stanley Quayle
Dept: Engineering
Effective Date: 08/26/2002

Approved By: Kenneth Wild
Dept: Quality Assurance
Supersedes: N/A

Note: This document is only valid on the date that it is printed.

Date Printed:

Page 1 of

CRISP Automation Systems Documentation

Manual Number: MAN-TPU-INST-031

Subject: CRISP TPU 3.1 Installation and Configuration

Date Created: 08/26/2002 Revision 1.0 Date Revised: N/A

Installation and Configuration

General

This manual provides a step-by-step installation procedure for CRISP TPU, Version 3.1 and later. This procedure can be used for a new installation or for updating an existing CRISP TPU system.

This manual is broken down into the following sections.

Section	Description
On-Line Release Notes	Defines the location of the release notes and how to access the notes.
Requirements	Defines the system requirements before installation of CRISP TPU.
Using VMSINSTAL	Defines the VMSINSTAL command
Installing CRISP TPU	Defines the procedures to install the CRISP TPU product.

NOTE

Before performing this procedure, verify that the system hardware and software has been properly installed per the appropriate OpenVMS documentation.

Prepared By: Stanley Quayle

Dept: Engineering

Effective Date: 08/26/2002

Note: This document is only valid on the date that it is printed.

Approved By: Kenneth Wild

Dept: Quality Assurance

Supersedes: N/A

Date Printed:

Page 2 of

CRISP Automation Systems Documentation

Manual Number: MAN-TPU-INST-031

Subject: CRISP TPU 3.1 Installation and Configuration

Date Created: 08/26/2002 Revision 1.0 Date Revised: N/A

Refer to the Software Product Description (SPD) document for details on required OpenVMS software.

Prepared By: Stanley Quayle
Dept: Engineering
Effective Date: 08/26/2002

Approved By: Kenneth Wild
Dept: Quality Assurance
Supersedes: N/A

Note: This document is only valid on the date that it is printed.

Date Printed:

Page 3 of

CRISP Automation Systems Documentation

Manual Number: MAN-TPU-INST-031

Subject: CRISP TPU 3.1 Installation and Configuration

Date Created: 08/26/2002 Revision 1.0 Date Revised: N/A

On-Line Release Notes

General

On-line release notes are provided with each distribution of CRISP TPU. When VMSINSTAL is invoked with the `OPTIONS N` parameter, a prompt to print or display the release notes appears during the installation.

After CRISP TPU has been installed, the release notes may be printed or typed by accessing the file `SYS$HELP:CRISPTPU031.RELEASE_NOTES`.

The release notes for each release of CRISP TPU are distributed for those users who are upgrading by several versions at once.

Prepared By: Stanley Quayle

Dept: Engineering

Effective Date: 08/26/2002

Note: This document is only valid on the date that it is printed.

Approved By: Kenneth Wild

Dept: Quality Assurance

Supersedes: N/A

Date Printed:

Page 4 of

CRISP Automation Systems Documentation

Manual Number: MAN-TPU-INST-031

Subject: CRISP TPU 3.1 Installation and Configuration

Date Created: 08/26/2002 Revision 1.0 Date Revised: N/A

Requirements

General

Depending on the media and the system configuration, the installation of CRISP TPU takes a few minutes. The following privileges and resources must be available before CRISP TPU can be installed.

- SETPRV privileges, or CMKRNL, WORLD, and SYSPRV privileges
- Free disk space as follows:
 - 4000 blocks on the system disk
- An additional amount of disk space equal to the total of the previous numbers is required on the system disk during installation. This space will be released when the installation completes or otherwise terminates.
- A minimum of 32 MB (VAX) or 64 MB (Alpha) of physical memory.

CRISP TPU cannot be installed on a system with CRISP/32.

Prepared By: Stanley Quayle

Dept: Engineering

Effective Date: 08/26/2002

Note: This document is only valid on the date that it is printed.

Approved By: Kenneth Wild

Dept: Quality Assurance

Supersedes: N/A

Date Printed:

Page 5 of

CRISP Automation Systems Documentation

Manual Number: MAN-TPU-INST-031

Subject: CRISP TPU 3.1 Installation and Configuration

Date Created: 08/26/2002 Revision 1.0 Date Revised: N/A

Using VMSINSTALL

Description

VMSINSTALL is the command procedure invoked to install CRISP TPU. Before invoking this command procedure, log into the system management account, username SYSTEM. Execution of the VMSINSTALL command procedure is shown in steps 1 and 2 of the Installing CRISP TPU sections of this manual.

Format

The VMSINSTALL command procedure has the following syntax.

```
$ @SYS$UPDATE:VMSINSTALL TPU031 ddcu: [OPTIONS N]
```

ddcu: Represents a device name where the distribution volumes are mounted for the CRISP TPU installation media, where **dd** is the device code, **c** is the controller code, and **u** is the unit number. The device name used in examples in this manual is **MUA0:.**

OPTIONS N Is an optional parameter used if you want to be prompted to display or print the CRISP TPU release notes. If omitted, you are not prompted to display the release notes.

How It Works

If you do not supply the first two parameters, VMSINSTALL prompts you for the product and device names. The syntax in this case would be as follows.

```
$ @SYS$UPDATE:VMSINSTALL
```

When VMSINSTALL is invoked, the following are checked.

- Whether you are logged in to a privileged account. It is recommended that you install

Prepared By: Stanley Quayle

Dept: Engineering

Effective Date: 08/26/2002

Note: This document is only valid on the date that it is printed.

Approved By: Kenneth Wild

Dept: Quality Assurance

Supersedes: N/A

Date Printed:

Page 6 of

CRISP Automation Systems Documentation

Manual Number: MAN-TPU-INST-031

Subject: CRISP TPU 3.1 Installation and Configuration

Date Created: 08/26/2002 Revision 1.0 Date Revised: N/A

software from the system manager's account.

- Whether you have adequate quotas for installation. VMSINSTAL checks for the following quota values.
 - ASTLM = 24
 - BIOLM = 18
 - BYTLM = 18000
 - DIOLM = 18
 - ENQLM = 30
 - FILLM = 20

At this point in the installation, VMSINSTAL checks whether any user processes are running. If VMSINSTAL detects these processes, you are prompted as to whether you want to continue the installation. Enter YES to continue or <return> to stop the installation.

NOTE

Unpredictable results may occur if other users are logged in during the installation.

Prepared By: Stanley Quayle

Dept: Engineering

Effective Date: 08/26/2002

Note: This document is only valid on the date that it is printed.

Approved By: Kenneth Wild

Dept: Quality Assurance

Supersedes: N/A

Date Printed:

Page 7 of

CRISP Automation Systems Documentation

Manual Number: MAN-TPU-INST-031

Subject: CRISP TPU 3.1 Installation and Configuration

Date Created: 08/26/2002 Revision 1.0 Date Revised: N/A

Installing CRISP TPU

General

This section contains explains the installation procedure. Defaults, where available, appear in brackets throughout the installation procedure.

The installation procedure may be aborted at any time by entering CTRL/Y. If CTRL/Y is pressed, the installation procedure deletes all files it has created up to that point and returns you to the VMSINSTAL prompt.

Installation Procedure

Perform the following steps to install CRISP TPU.

Step 1. Log in to a privileged account.

```
<Ret>
Username: SYSTEM<Ret>
Password: <Ret>
$ SET DEFAULT SYS$UPDATE <Ret>
```

Step 2. Invoke VMSINSTAL

```
$ @VMSINSTAL TPU031 MUA0: OPTIONS N <Ret>
```

```
OpenVMS VAX Software Product Installation Procedure V7.3
```

```
It is 16-AUG-2002 at 19:30
```

```
Enter a question mark (?) at any time for help.
```

```
Are you satisfied with the backup of you system disk [YES]? <Ret>
```

Prepared By: Stanley Quayle

Dept: Engineering

Effective Date: 08/26/2002

Note: This document is only valid on the date that it is printed.

Approved By: Kenneth Wild

Dept: Quality Assurance

Supersedes: N/A

Date Printed:

Page 8 of

CRISP Automation Systems Documentation
Manual Number: MAN-TPU-INST-031
Subject: CRISP TPU 3.1 Installation and Configuration
Date Created: 08/26/2002 Revision 1.0 Date Revised: N/A

Press the Return key if you are satisfied with the backup of your system disk; otherwise, enter NO to discontinue the installation procedure.

Step 3. Mount the first installation kit volume

Please mount the first volume of the set on MUA0:.
Are you ready? **YES** <Ret>

The following products will be processed:

CRISP TPU V3.1

Beginning installation of CRISP TPU V3.1 at 19:35

%VMSINSTAL-I-RESTORE, Restoring saveset A...

To continue the installation, mount volume 1 and enter YES.

Step 4. Select a release notes option

This step applies only if OPTIONS N was specified in step 2.

Release Notes Options:

1. Display release notes
2. Print release notes
3. Both 1 and 2
4. None of the above

Select option [2]: <Ret>

If option 1 is selected, VMSINSTAL displays the release notes. Terminate the display by pressing CTRL/C. At this time, VMSINSTAL copies the release notes to SYSS\$HELP.

If option 2 is selected, VMSINSTAL prompts you for a queue name (use this option only if a print queue has been setup on your system). Either enter a queue name or press the Return

Prepared By: Stanley Quayle	Approved By: Kenneth Wild
Dept: Engineering	Dept: Quality Assurance
Effective Date: 08/26/2002	Supersedes: N/A

Note: This document is only valid on the date that it is printed.

Date Printed:

Page 9 of

CRISP Automation Systems Documentation

Manual Number: MAN-TPU-INST-031

Subject: CRISP TPU 3.1 Installation and Configuration

Date Created: 08/26/2002 Revision 1.0 Date Revised: N/A

key to send the file to the default output print device. After printing the release notes, VMSINSTAL copies the release notes to SYSS\$HELP.

Queue name [SYS\$PRINT]: <Ret>

If option 3 is selected, VMSINSTAL displays the release notes. Terminate the display by pressing CTRL/C. VMSINSTAL then prompts you for a queue name. Either enter a queue name or press the Return key to send the file to the default output print device. After printing the release notes, VMSINSTAL copies the release notes to SYSS\$HELP.

If option 4 is selected, VMSINSTAL does not display, print, or copy the release notes. It prompts you to decide whether to continue the installation.

Do you want to continue the installation [N]: Y <Ret>

Enter YES to continue the installation. If you enter NO, VMSINSTAL discontinues the installation.

NOTE

The version of the CRISP TPU release notes file installed by VMSINSTAL is labeled with the current product name and version number (e.g., CRISPTPU031.RELEASE_NOTES). Do not delete release notes for previous versions of CRISP TPU.

Step 5. Installation questions

This section shows the questions that are asked during installation.

Do you want to purge files replaced by this installation [YES]?

The system directory SYSS\$LIBRARY and the CRISP directories may contain previous versions of CRISP TPU files. New versions of these files are provided during installation, but the old files will not be purged unless you answer YES to this question.

Prepared By: Stanley Quayle

Dept: Engineering

Effective Date: 08/26/2002

Note: This document is only valid on the date that it is printed.

Approved By: Kenneth Wild

Dept: Quality Assurance

Supersedes: N/A

Date Printed:

Page 10 of

CRISP Automation Systems Documentation

Manual Number: MAN-TPU-INST-031

Subject: CRISP TPU 3.1 Installation and Configuration

Date Created: 08/26/2002 Revision 1.0 Date Revised: N/A

Step 6. End the installation procedure

When the installation procedure completes, the following message is displayed.

```
VMSINSTAL procedure is done at hh:mm  
$
```

The distribution media (tape) may now be removed from the drive.

Step 7. Post-implementation procedure

During the installation process, a TPU section file is created as file `SYS$SYSTEM:CRISP_EVE.TPU$SECTION`. In order for all users on the system to use this as their default TPU section file, the following command must be added to `SYS$MANAGER:SYLOGICALS.COM`.

```
$ DEFINE/SYSTEM TPU$SECTION SYS$SYSTEM:CRISP_EVE.TPU$SECTION
```

It is possible that a different TPU section file is already defined. In this case, the implementation procedure issues a warning. The system administrator will have to decide which TPU section is to be used, and create the logical name accordingly.

Prepared By: Stanley Quayle
Dept: Engineering
Effective Date: 08/26/2002

Approved By: Kenneth Wild
Dept: Quality Assurance
Supersedes: N/A

Note: This document is only valid on the date that it is printed.

Date Printed:

Page 11 of