

DSET Corporation [Patch | Release]

Notes for Product x.x.x[.a]

Document Template

Edition 1.0

This template is used to create both patch and release notes. All possible sections used to date are included. Sections that should be included in only one type of document are described as such in the mini-TOC in the Introduction section as applying to one type of document. All other sections can be used in both types of documents.

Input used to write patch notes are:

1. A software build report emailed from development to the docteam, system test, and other concerned parties.
2. Detailed information stored in DDTs for reported defects.
3. README and README.internal ASCII text files in `$D_DIR/patch/[product]/[version number level]/[patch level]`. Use information README.internal with caution and as a last resort; it contains internal implementation/problem fix information.
4. Developer interviews and notes provided by the developer(s)/project lead.

Input used to write release notes are:

1. A software build report emailed from development to the docteam, system test, and other concerned parties.
2. System requirements and high level design documents.
3. Detailed information stored in DDTs for reported defects.
4. Developer interviews and notes provided by the developer(s)/project lead.

This document explains the changes made in this [patch | release] for DSET's *Product Name* product. This document is organized as follows:

Section Cross Reference	Short description. Can match the one liner Body text that starts the section.
Dependency on Other DSET Products	Lists the other DSET products that must be installed in order to use this [patch release]. Required for patch and release notes.
Installation Instructions	Describes how to install this patch. Required for patch notes only.

Supported Platforms	Lists the platforms supported by this [patch release]. Required for patch and release notes.
Supported Protocol Stacks	Lists the protocol stacks supported by this [patch release]. Required for patch and release notes depending on the product. Not all products support protocol stacks.
Third Party Tools Required	Lists the third party tools that must be installed to use this [patch release]. Required for patch and release notes.
New Features	Describes the new features provided in this [patch release]. Inclusion depends on build report.
Problems Fixed	Describes the problems fixed in this [patch release]. Inclusion depends on build report.
Defect Reports Fixed in This [Patch Release]	Lists the software defects that were reported by customers and repaired in this [patch release]. Inclusion depends inclusion of problems fixed with DDTs numbers reported by customers or other DDTs numbers that managment wants to make public.
Current Limitations	Describes the limitations of this [patch release]. Inclusion depends on build report.
Known Problems	Describes the known problems in this [patch release]. Inclusion depends on build report.
Obsolete Features	Describes the features that are no longer supported in this [patch release]. Inclusion depends on build report.
Trademarks	Lists the trademarks and registered trademarks used in this document. Required for patch and release notes. DSET trademark attribution statement must be included in all documents.

Dependency on Other DSET Products

The following DSET products must be installed prior to installing this [patch | release]:

- List the other DSET products using the product name and version number. List products with a patch version number (for example, 1.0.0.a) as Product 1.0.0.a patch. List full release versions as Product 1.0.0. You can get this list from the build report. Verify it with the project lead or a system tester.

Installation Instructions

Include the reference to the install guide if the patch will be distributed the same way a release is (using an installation script). Include the detailed instructions if the patch file is a `.tar.Z` or `.tar.Z.uu` file. You can get this info from the project lead or from a release engineer.

Refer to the **DSET Software Installation Guide** for instructions on installing this patch.

To install this patch, you must have file write permissions in the DSET installation directory (`$D_DIR`). Perform the following steps to install this patch:

Step 1. If the distribution file you received has a `.uu` extension, decode the distribution file. Enter:

```
% uudecode <patchFileName>
```

Step 2. Uncompress the `tar` file, which contains the sources, from the `.Z` file. Enter:

```
% uncompress <compressedTarFileName>
```

Step 3. Move the `tar` file to your `$D_DIR` directory or to the directory where you want to install the patch. Enter:

```
% mv <tarFileName> $D_DIR
```

Step 4. Change to the `$D_DIR` directory. Enter:

```
% cd $D_DIR
```

Step 5. Backup all files included with the patch; they will be overwritten when you extract the source files from the `tar` file. To list the files included with the patch, enter:

```
% tar tvf <tarFileName>
```

Step 6. Extract the files included with the patch. Enter:

```
% tar xvf <tarFileName>
```

Step 7. Link any object files supplied before linking the libraries. Run the application-specific **Makefile**.

Supported Platforms

Product Name supports the following platforms:

- List the supported platforms. If more than one version of an OS is supported, list in order of most current version to older version. For example, list Solaris 2.6 (Sun OS 5.6) first, then Solaris 2.5 (Sun OS 5.5), and Sun OS 4.1.4 last.

Product Name also supports the real-time operating systems listed in Table 1. This may not apply to all products. Usually it's only included in the DSG notes and all other notes refer to that note for the information.

Table 1 is a template/starting point; update as necessary.

Table 1. Supported Real-time Operating Systems

pSOS™ 2.2	68k	Microtec Research, Inc. (MRI) Toolkit
pSOS 2.1.3-G	68k	Green Hills' Toolkit
pSOS 2.2.1	68k	Diab Data™ Toolkit with the Software Development Systems (SDS) SingleStep™ debugger
pSOS 2.2.2	Power PC 860	Diab Data Toolkit with the SDS SingleStep debugger
pSOS 2.2.6	80x86	CAD-UL's Organon® Toolkit
pSOSim™ 1.1	SPARC™	GNU Toolkit
VRTX® 4.C	68k	MRI Toolkit
VxWorks® 5.1	Intel i960	GNU Toolkit
VxWorks 5.2	SPARC	GNU Toolkit
VxWorks 5.3.1	68k	GNU Toolkit
	68k	Green Hills' Toolkit
	Power PC 604	GNU Toolkit
VxSim™ 5.3-beta.2	SPARC	GNU Toolkit

Supported Protocol Stacks

Product Name supports the protocol stacks listed in Table 2. Table 2 is a template/starting point; copy/paste supported stacks or copy the whole table and remove unsupported stacks. The stacks listed are for DSG 5.0.0.a.

Table 2. Supported Protocol Stacks

TCP/IP	All supported platforms
Telcordia's TR-303	All supported platforms
Marben® OSIAM™ version 2.6g	All supported platforms
ONE™ version 3.52	VxWorks, VRTX, pSOS
HP OTS™ 9000 version C.07.00	HP-UX 10.20
Sunlink™ OSI version 8.1.1	Solaris 2.5.1 (Sun OS 5.5.1), Solaris 2.6 (Sun OS 5.6)

Third Party Tools Required

The third party tools listed in Table 3 are required to be installed and correctly configured before installing this [patch | release].

Table 3. Required Third Party Tools

Solaris 2.6 (Sun OS 5.6)	List compilers and other third party tools required on each supported platform. Include version numbers for the compilers/software. You can get this info from the build report, the project lead, or system test. Verify the version number with the project lead or system tester.
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New Features

This section describes the new features provided in this [patch | release].

- Description of the new feature. Provide enough detail to allow users to decide whether the new feature is beneficial to their applications or development process. Also include a reference to the product manual for detailed information, if appropriate.

Problems Fixed

This section describes the problems fixed in this [patch | release].

- Description of problem. Description of symptoms customers would see. DNJqaXXXXX DDTS Defect Report Number with bugID marker. Include defect report number only if reported by a customer or if directed to do so by project manager.

Defect Reports Fixed in This [Patch | Release]

The following software defects (listed by DSET defect report number) were reported by customers and are repaired in this [patch | release]:

- Generate an Alphabetical Marker List of the BugId markers. Copy & paste the file contents to this section and format using 1Bullet. Do not save the generated file or check it into ClearCase.

Current Limitations

This section describes the limitations present in this [patch | release].

- Describe the limitation. If applicable, describe how the limitation affects the user's application.

Known Problems

This section describes the known problems in this [patch | release].

- Description of the problem. Description of the symptom. Description of work-around if one is available. The DSET defect report number for this problem is DNJqaXXXXX. Include defect report number only if reported by a customer or if directed to do so by project manager.

Obsolete Features

The features described in this section are no longer supported with this [patch | release].

- Description of feature. Description of replacement, if applicable.

Trademarks

The following trademarks and registered trademarks appear in this document:

- DSET is a registered trademark of DSET Corporation.

List all trademarks and registered trademarks here. Refer to the `/vob1/doc/iso9000/docTemplates/trademarks` file for existing trademarked names and correct trademark attribution phrasing. Update the file with any new trademarked names. Use the [™] or ® symbol with the first occurrence of the trademarked name.

In this document, TR-303 refers to the Telcordia GR-303-CORE standard. All docs that use TR-303 (information model, stack, etc.) must include this explanation. The docs refer to TR-303 even though Telcordia (formerly Bellcore) changed their standard numbering system. I believe we still use TR-303 because we have product names that include TR-303. Eventually (when?) this usage will have to be updated to GR-303.