



# SunSAI/P™ Release Notes

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SunSAI/P 2.0 and 3/0

Sun Microsystems, Inc.  
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# Sun SAI/P Release Notes

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This document contains important information about the SunSAI/P board and device driver.

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**Note** – For access to the Sun bug report database, and for information on how to get the latest patches and patch revisions, please visit the SunSolve website at <http://sunsolve.sun.com>.

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## SAI/P Update 2 Software

Sun uses a method of pre-patching a package for an update release. This allows for package updating without requiring a new patch to support it. The SAI/P 2.0 packages require Patch Number 106955-06, which is already applied. The SAI/P 3.0 Solaris 8 package requires Patch Number 109338-06, which is already applied. The new patch created for Solaris 9 support is also included in the new package.

# Directory Structure

Following is the directory structure used on the SunSAI/P Update 2 CD:

```
Copyright
FR_Copyright
Docs/
    SunSAIP_user_guide.ps
    806-4206-10.pdf
saip_2.0_u2/
    Solaris_7/
        Packages/
            SUNWsaip/
            SUNWsaipu/

saip_3.0_u2/
    Solaris_8/
        Packages/
            SUNWsaip/
            SUNWsaipu/
    Solaris_9/
        Packages/
            SUNWsaip/
            SUNWsaipu/
```

## What's Included in This Release?

This release introduces a new package to support using the SunSAI/P 3.0 driver with the Solaris 9 operating environment. This driver includes all of the bug fixes indicated below for SunSAI/P 3.0 and SunSAI/P 2.0 software.

### *SunSAI/P 3.0*

Bugs Fixed:

- 4489582 `vtshk` hang when three SAI/P cards were installed
- 4446673 SAI/P doesn't accept baud 0.
- 4296506 invalid device `/dev/term/a000` error in PPP 3.0.1 with SAI/P 3.0
- 4363791 panic in SAI/P driver during running SunVTS
- 4322468 SunVTS 4.0 GUI fails to appear with SAI/P 3.0 driver installed.
- 4314590 SunVTS 4.0 Solaris 8 U30 hangs
- 4311235 SAIP 3.0 driver fails SunVTS test on E5000

- 4305302 50% tcp sessions being lost on SAI/P
- 4304108 CPU usage high while running tcp with SAI/P 3.0 software
- 4295927 SAI/P driver from patch 106955-02 does not create the link  
/dev/sad/saipN

## SUNWSAI/P 2.0

### Bugs Fixed:

- 4296506 invalid device /dev/term/a000 error in PPP 3.0.1 with SAI/P 3.0
- 4335856 SAI/P does not attach to board on a diskless Ultra 60 450mhz system
- 4318582 SAI/P 2.0 will not install on a Sun Ultra 10 running Solaris 2.5.1 11/97 operating environment
- 4314590 SunVTS 4.0 Solaris 8 operating environment on the Sun Ultra 30 hangs
- 4311235 driver fails SunVTS tests on the Sun Enterprise 5000
- 4305302 50 percent of the tcp sessions are lost on SAI/P
- 4304108 CPU usage high while running tcp with SAI/P 2.0/3.0

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## Other Important Information

Adapters will run with a default configuration. To change options or to configure new adapters, use the `saipconfig` utility.

You can find the utility in the following location:

```
/etc/opt/SUNWconn/saip/bin/saipconfig
```

To fully utilize the `sitty` and `spm` utilities add `/opt/SUNWconn/bin` to your `PATH`. Similarly, to fully utilize the included man pages for this driver and its utilities add `/opt/SUNWconn/man` to your `MANPATH`.

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**Note** – When removing or adding any SAI/P interface boards, run the `/etc/opt/SUNWconn/saip/bin/saipconfig` script to clean up the device entry tables and devices.

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