



READ ME FIRST

Interphase E/FDDI 4811 Seahawk

Read This Before You Begin!

Description

This document contains the Application Notes, Installation Procedure, Corrections, and Deficiencies for the Interphase Seahawk Driver Release 1.10 for HP 9000 Series 700 computers.

Part Numbers: SM00002-A10 DDS tape distribution
 SX00076-A10 media independent image

This release of the 4811 Seahawk driver is intended for HP-UX 10.00, 10.01, 10.10, 10.20. It is also safe to use on multi-processor systems.

This release supports FDDI Station Management (SMT) version 6.2 and version 7.3. The minimum version of the SMT 6.2 firmware required to work with this driver is FA00073-A04 and FB00073-A04. The minimum version of the SMT 7.3 firmware required to work with this driver is FA00074-A04 and FB00074-A04.

This software release supports a maximum of three (3) 4811 Seahawk EISA adapter cards per system.

The following HP 9000 Series hardware models are supported by this release:
700 Series Workstations w/EISA
C Class Workstations w/ EISA
D Class Servers w/EISA
J Class Workstations w/EISA

Before You Start

Note: This driver may be installed over a previous release. It is not necessary to remove the old version prior to installation.

Installation

To install the Seahawk 4811 driver, run 'swinstall'. When viewing the products on tape, the Interphase product will appear as the name 'Seahawk_driver' with the information field reading "Interphase E/FDDI Seahawk 4811 Software Distribution".

When the install script is completed, a new kernel will be built and the system will be rebooted. After rebooting, it will be necessary to configure the card

via the SAM program. Once this is done, the Seahawk board will automatically be configured each time the system is rebooted.

The driver's install script will also create a file called `/sbin/init.d/seahawk` which will create the necessary character special device files upon bootup if the Seahawk board is configured up. These files are necessary only to run the provided utilities (i.e. `fddimon`).

If you wish to remove the Seahawk software from the system, it is necessary to unconfigure the adapter using SAM before running `'swremove'` to uninstall the software.

There are two versions of the `fddimon` utility, one that supports SMT 6.23, and one that supports SMT 7.3. They are called `fddimon6` and `fddimon7` respectively. Both are installed into the `/usr/bin` directory. For your convenience, you may wish to link the appropriate version to `'fddimon'`.

This release includes an `snmp` subagent called `seahagt` installed in the `/usr/bin` directory. This subagent is compatible only with HP-UX 10.01 and higher revisions of the OS. The subagent is designed to work with the firmware supporting SMT 7.3. The minimum version of SMT 7.3 firmware required to work with this driver is FA00074-A04 and FB00074-A04. The subagent will not work with SMT 6.2. In order to start the subagent at system boot time add the following line to the end of the `/etc/inittab` file:

```
seag:4:wait:/usr/sbin/seahagt #seahawk snmp subagent
```

The subagent may be manually started by entering: `/usr/sbin/seahagt` at the command line.

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