PARADYNE™

Hotwire™ DSLAM, IP Conservative
Firmware Update Description

Document Number 8000-A2-GK46-10

August 1998

This document contains information for the Hotwire™ Digital Subscriber Line Access Multiplexer (DSLAM). Keep this document with your Hotwire DSLAM documentation.

This information applies to the following documents:

- *Hotwire DSLAM for 8310 MVL and 8510 DSL Cards Network Configuration Guide* (Document No. 8000-A2-GB27-00)
- *Hotwire Management Communications Controller (MCC) Card, IP Conservative, User's Guide* (Document No. 8000-A2-GB22-00)
- *Hotwire DSLAM for 8310 MVL and 8510 DSL Cards User's Guide* (Document No. 8000-A2-GB26-00)

IPC Software

To support VLAN tagging (802.1Q) on the IPC, group mobility must be enabled. To enable group mobility, you must append two lines to the mpm.cmd file on the IPC. The lines are:

```
group_mobility=1
move_from_def=1
```

NOTE:

After the lines are added to the mpm.cmd file, the IPC must be rebooted.

See the *Hotwire 8100/8200 Interworking Packet Concentrator (IPC) User's Guide*, Document No. 8000-A2-GB90 (Feature No. 8200-M2-901 for the CD-ROM), for information on the editing techniques required to append the lines to the mpm.cmd file.

Firmware Version Numbers

For full compatibility, the DSLAM system must have the following (or higher) versions of firmware:

Component	Firmware Version Number
MCC	3.00.26
RADSL and MVL Cards	1.00.26
Endpoints	2.47
IPC	3.2.3

Ethernet Interface (e1a)

The DSLAM system refers to the Ethernet interface as the e1a interface. Depending on the configuration of your system, however, this reference may appear as lb0 (local bridge zero). This terminology appears, for instance, in the Route Information section of the Routing Table Screen (*Monitoring* → *IP Router* → *Routing Table*).

DSL Performance Stats Screen

On the DSL Performance Stats Screen (*Monitoring* → *Physical Layer* → *DSL Perf Stats*), the Ctrl-r command is not properly clearing all fields and the packet counts are slightly incorrect.

Access Node (AN) Reset

After an Access Node (AN) operating in full duplex mode is reset, the AN may experience difficulty returning to full duplex mode.

Service Node (SN) Download

Downloading the wrong firmware version to a Service Node (SN) can cause the SN to fail in such a way that either: 1) data cannot be passed (MVL), or, 2) the SN cannot recover without being rebooted (RADSL).

Ordering Information

Contact your sales or service representative to order additional product documentation about your DSLAM system.

Paradyne documents are also available on the World Wide Web at:

http://www.paradyne.com

Select *Service & Support* → *Technical Manuals*