

Hotwire™ DSLAM for 8546 DSL Cards Firmware Update Description, Release 2.2

Document Number 8000-A2-GK45-00

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This document contains information that been added in the Hotwire™ Model 8546 DSLAM (Digital Subscriber Line Access Multiplexer) system as a result of Firmware Release 2.2. Keep this document with your Hotwire DSLAM for 8540 and 8546 documentation.

This information applies to the following documents:

- *Hotwire DSLAM for 8540 and 8546 DSL Cards User's Guide* (Document No. 8000-A2-GB20-30)
- *Hotwire DSLAM for 8540 and 8546 DSL Cards Network Configuration Guide* (Document No. 8000-A2-GB21-30)
- *Hotwire DSLAM for 8540 and 8546 DSL Cards Startup Instructions* (Document No. 8000-A2-GB24-10)

RTU Screens

The following three screens have been modified for Release 2.2 to support the 5546 Remote Termination Unit (RTU) endpoint.

■ RTU Selection

Configuration → RTU → Selection (A-H-A)

Three fields have been added to this screen:

- **CAP Rev.** – CAP Version. This field appears on the screen only if the selected RTU type is 5546 and is read-only.
- **Reset RTU** – Yes/No. When you enter **Yes** to reset the RTU, a selftest is initiated. This field appears on the screen only if the selected RTU type is 5546.
- **RTU Selftest Results** – Pass/Fail. The results display after a selftest is complete. This field appears on the screen only if the selected RTU type is 5546 and is read-only.

- **RTU Information**

Monitoring → RTU → Information (B-F-A)

Six fields have been added to this screen:

- **CAP Rev.** – CAP Version. This field appears on the screen only if the selected RTU type is 5546 and is read-only.
- **DTE State** – In Service/Out of Service. Data Terminal Equipment (DTE) state of the RTU. This field appears on the screen only if the selected RTU type is 5546.
- **DTE Config** – V.35/EIA530. DTE configuration type of the RTU. This field appears on the screen only if the selected RTU type is 5546.
- **DTE Timer** – Internal/External. DTE timer type of the RTU. This field appears on the screen only if the selected RTU type is 5546.
- **DTE Strobe** – Falling Edge/Rising Edge. DTE strobe type of the RTU. This field appears on the screen only if the selected RTU type is 5546.
- **DTE Loopback** – On/Off. DTE loopback state of the RTU. This field appears on the screen only if the selected RTU type is 5546.

- **Login History**

Monitoring → RTU → Information (B-A-B)

One field has been added to this screen:

- **Time** – Time the user logged into the system. This field is read-only.

NOTE:

This field also has also been added to the MCC Login History screen.

5446 RTU Configuration

The 5446 RTU cannot currently be configured from the 8546 DSL card. An SNMP Manager or the IP Injection Tool should be used to configure the 5446 RTU. The IP Injection Tool is available by accessing <http://www.paradyne.com>.
Select:

Service & Support → MIBs → Hotwire DSL → ipinject.exe

The procedure for using the IP Injection Tool is documented in Appendix E, *5446 RTU Setup*, of the *Hotwire DSLAM for 8540 and 8546 DSL Cards User's Guide*.

Line Performance

The following line performance information applies to Release 2.2:

- The 768 kbps is now available in rate adaptive mode. It is not available in fixed mode, however.
- The 90.66 kbps upstream speed is not available when a 136 kbps downstream speed has been selected. Additionally, if a 90.66 kbps upstream speed is selected with a 136 kbps downstream speed (except for 640 kbps), the DSL card will automatically set the upstream speed to 272 kbps.

Additional SNMP Trap

The following trap has been added in Release 2.2:

Trap	Severity	Comment	Trap # – MIB *
xdslRtuSelfTestFail	Warning	A selftest failure from a 5546 RTU connected to the DSL port indicated by ifIndex.	16–xdsl

Ordering Information

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

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

<http://www.paradyne.com>

Select *Service & Support* → *Technical Manuals*