Release Note

The following changes and fixes are included in the 8281 operational code version 2.4.

1. The LECS address retrieval via ILMI was not forum compliant. The fix is required in order to retrieve ILMI addresses from the 8260 switches running code level 2.5.0, and from other forum compliant ATM switches.

   IMPORTANT: 8281 v2.4 is not able to retrieve LECS addresses from 8260 switches that run code level lower than 2.5.0.

2. In token ring mode the bridge did not work correctly when a LAN segment was connected in parallel with an ATM emulated LAN.

3. In token ring mode the bridge did not do adequate error checking on frames received from an ATM network. Some frames that should have been discarded due to an invalid RI field were forwarded.

4. When MSS is configured to send LE-ARP responses to all stations, the 8281 logged an event in an error log for every LE-ARP response that was not destined to its ATM address. This behavior caused performance problems.

5. When 8281 received SNMP message via ILMI that it could not process, the error path caused a memory leak. This problem appears to happen only when 8281 is attached to an 8260 running CPSW v 3.0

6. In Ethernet networks with parallel bridges the 8281 sometimes set up ATM connection to the wrong bridge after a topology change. This problem caused loss of connectivity between LAN stations.

7. When two 8210s are configured as primary and backup with LECS enabled, the 8281 sometimes did not switch from backup to primary LECS when a network recovered from a failure.