



PacketBand TDM 4 Software release features

REF: A3059

Updated 25-Jan-2010

Software Version		8.10.0	8.15.0	8.25		
Date Released		21-Oct-09	11-Mar-09	08-Dec-09		
Type	Feature				Dependencies?	
TDM	Support for 4 TDM ports	√	√	√	YES	Dbmgr software version 8.20 or above required. Support for 4 TDM ports
IP	Support for 2 x Ethernet ports	√	√	√	YES	Dbmgr software version 8.20 or above required. Support for 2 x Ethernet ports
CLOCK	Improved "clock source" reading description	√	√	√	YES	Dbmgr software version 8.20 or above required. The clock sources now display more user friendly descriptions.
STATISTICS	Periodic report option now implemented	√	√	√	YES	Dbmgr software version 8.20 or above required. The packetband now has the functionality to report "packet" and "DCO" offset stats on a scheduled basis.
STATISTICS	Access to logical link settings on logical link stats window	√	√	√	YES	Dbmgr software version 8.20 or above required. Access to the logical link settings can be gained through the corresponding stats window enabling viewing of all important components simultaneously.
TDM	Non-reset feature for G703/4	√	√	√	YES	Dbmgr software version 8.20 or above required. You no longer need to reset the device when switching a port between G703 and G704.
LED	Various LED improvements	√	√	√	YES	Dbmgr software version 8.20 or above required. Various LED improvements have been made to the functionality of the SFP and TDM port LEDs
LACP	Support for LACP		√	√	YES	Dbmgr software version 8.21 or above required. Support for LACP functionality.
T1	Full T1 support		√	√	YES	Dbmgr software version 8.21 or above required. T1 now supported in structured and unstructured format.
Plesiosynchronous	Plesiosynchronous clocking mode available		√	√	YES	Dbmgr software version 8.21 or above required. Ability to clock each individual TDM port in Plesiosynchronous mode.
Asymmetric Impedance	Asymmetric data tx/rx mode available 75/120 ohm Impedance switching		√	√	YES	Dbmgr software version 8.21 or above required. Ability to transmit and receive data in Asymmetric mode. Dbmgr software version 8.21 or above required. Option for switching each TDM ports Impedance from 75 ohm to 120 ohm and vice versa.
TDM MC	Support for TDM MC		√	√	YES	Dbmgr software version 8.21 or above required. Support for TDM MC (Multicast) version.
TDM E	Support for TDM E		√	√	YES	Dbmgr software version 8.21 or above required. Support for TDM E (plesiosynchronous and Asymmetric) version.
LACP	Support for LACP			√	YES	Dbmgr software version 8.21 or above required. Support for LACP functionality.
Standby link	Standby feature added			√	YES	Dbmgr software version 8.21 or above required. Standby Ethernet link feature now available.
Internal	IP connection			√	NO	Improvements to the interworkings of the IP side of the device. Optimizing call connection speeds.
Internal	Operating System			√	NO	Improvements to operating system stability.