

 PacketBand TDM Released software features REF: A3012 Last update: 25-Jan-2010									
Software Version	Date Released	6.70	6.77	7.00	7.13	8.15.0	8.25		
Type	Feature	29-Nov-06	24-Jan-07	03-Aug-07	26-Feb-08	11-Mar-09	08-Dec-09	Dependencies?	Feature details
Flash	Configuration now stored in Flash	✓	✓	✓	✓	✓	✓	YES	DBMGR 7.33 or above required. Configuration data now stored in Flash rather than NVRAM for improved reliability.
default	Default Full Duplex	✓	✓	✓	✓	✓	✓	YES	DBMGR 7.33 or above required. Units now default to 100meg Full Duplex with Autonegotiate OFF.
IP	Add Broadcast Storm Protection functionality	✓	✓	✓	✓	✓	✓	YES	DBMGR 7.33 or above required. The Broadcast Storm Protection feature is used by PacketBand to protect against loops in poorly configured networks and attacks on a PacketBand system from outside sources.
GUI	Add Jitter Buffer graphing facility.	✓	✓	✓	✓	✓	✓	YES	DBMGR 7.33 or above required. Jitter Capture is used to capture data on the amount of Jitter or PDV (Packet Delay Variation) present on a network. Please consult the manual before use.
GUI	Debug facility at Boot up.	✓	✓	✓	✓	✓	✓	YES	DBMGR 7.33 or above required. Add facility to enable Debug information at time of boot up time.
GUI	Jitter buffer stats	✓	✓	✓	✓	✓	✓	YES	DBMGR 7.35 or above required. Improvements to Jitter buffer stats display.
ISDN Signalling	Improved layer1/layer2 interface	✓	✓	✓	✓	✓	✓	YES	DBMGR 7.35 or above required. Layer 1 & 2 signalling improved
Multicast	Multicast support (PB-TDM)			✓	✓	✓	✓	YES	DBMGR 7.35 or above required. This means the PacketBand (TDM) to be set to operate as a half-duplex Multicast system, this enables the use of a "multicast" clock source. Please see the manual for more details.
Multicast	Multicast IGMP packets, and support VLAN tag stripping			✓	✓	✓	✓		DBMGR 7.35 or above required. Multicast IGMP packets, and support VLAN tag stripping
Managment	Remote management Enable/Disable option			✓	✓	✓	✓		DBMGR 7.35 or above required. PacketBand now has the ability to Enable or disable the use of remote management.
Default	Default IP Address (192.168.0.1)			✓	✓	✓	✓	YES	DBMGR 7.37 or above required. Set Default IP Address to 192.168.0.1 & default Subnet Mask to 255.255.0.0. If configuration is erased PacketBand will automatically load the default IP address.
Multicast	Multicast support (PB-TDM)			✓	✓	✓	✓	YES	DBMGR 8.01 or above required. PacketBand can be set to operate as a half-duplex Multicast system.
Multicast	Alternate Multicast source				✓	✓	✓	YES	DBMGR 8.01 or above required. PacketBand can be set to operate as a half-duplex Multicast system. This enables the unit to access a "multicast group" for extra clocking resilience. For more details please contact support@patapSCO.co.uk
Software	Operating system revision			✓	✓	✓	✓	NO	Contact PatapSCO if upgrading from version 6.xx software to 7.xx
Routing	Change of cause code "No Route to Destination" to No Circuit/Channel Available"				✓	✓	✓	NO	Altered cause code "No Route to Destination" to No Circuit/Channel Available" when all routes are unavailable
Vlan	Management VLAN tagging enabled				✓	✓	✓	YES	DBMGR 8.01 or above required. This feature allows the user to route all management traffic to & from the PacketBand via a user specified Vlan.
Security	secure management function				✓	✓	✓	YES	DBMGR 8.01 or above required. Security feature allows encryption of management traffic and "call signaling" messages. Each are secured by a 128 bit key.
Management	Improved management					✓	✓	NO	Improvement to IP management reliability.
Internal	IP Connection					✓	✓	NO	Improvements to the interworkings of the IP side of the device. Optimizing call connection speeds.
Internal	Operating system revision					✓	✓	NO	Improvements to operating system stability