

 PacketBand TDM/V35/X21 Software release features REF:A3019 Updated 25-Jan-2010													
		Software Version		6.13		7.13		7.17		8.15		8.25	
		Date Released		26-Feb-08		04-Jul-08		21-Oct-08		11-Mar-09		08-Dec-09	
Type	Feature											Dependencies?	Feature details
Interfaces	V11/V35/E1 interface operational	√	√	√	√	√	√	√	√	√	√	YES	DBMGR 7.35 or above required. All interfaces operational (V11 & V35 DTE version only)
Interfaces	DHCP operational	√	√	√	√	√	√	√	√	√	√	YES	DBMGR 7.35 or above required. Dynamic IP address assignment now available
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.
Interfaces	V11/V35 DTE & DCE version	√	√	√	√	√	√	√	√	√	√	YES	DBMGR 7.37 or above required. Allows DTE & DCE interface types for V11 & V35 versions
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 set an alternate 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
SFP	SFP cage functionality		√	√	√	√	√	√	√	√	√	YES	DBMGR 7.37 or above required. SFP cage now operational
Software	Operating system upgrade		√	√	√	√	√	√	√	√	√	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.
Clocking	Asymmetric clocking mode available		√	√	√	√	√	√	√	√	√	YES	DBMGR 8.01 or above required. Asymmetric clocking now available. Please contact support@patapSCO.co.uk for more information
Clocking	Plesiosynchronous clocking mode available		√	√	√	√	√	√	√	√	√	YES	DBMGR 8.01 or above required. Plesiosynchronous clocking now available. Please contact support@patapSCO.co.uk for more information
Clocking	Improved Clock locking system		√	√	√	√	√	√	√	√	√	NO	Clocking method has been enhanced, improving the accuracy & performance. It is highly recommended to upgrade if down level from this software version.
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.
Reporting	Improved call reporting		√	√	√	√	√	√	√	√	√	NO	Cause code "User Busy" changed to correct description of "no channel available".
DEFAULT	G704 now default value			√	√	√	√	√	√	√	√	YES	DBMGR 8.02 or above required. G704 is now the default value. If a logical link is configured, the link will now automatically pick the full 31 channels & run in G704 mode.
IP	UDP echo sever option added			√	√	√	√	√	√	√	√	YES	DBMGR 8.02 or above required. UDP echo server feature added, for use with the "Brix verifier" device.
IP	Loop Back			√	√	√	√	√	√	√	√	YES	DBMGR 8.02 or above required. Loop back option now available on each individual packet port.
Reporting	Improved call reporting			√	√	√	√	√	√	√	√	NO	Cause code "User Busy" changed to correct description of "no channel available".
DEFAULT	G704 now default value			√	√	√	√	√	√	√	√	YES	DBMGR 8.02 or above required. G704 is now the default value. If a logical link is configured, the link will now automatically pick the full 31 channels & run in G704 mode.
T1	Full T1 support					√	√	√	√	√	√	YES	Dbmgr software version 8.21 or above required. T1 now supported in structured and unstructured format.
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.
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.