

# ***TECHNICAL BULLETIN FROM GLOBAL BUSINESS SYSTEMS***

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## **TCL GlobeServer and PCI CC/4 and CC/8 now supported**

The TCL GlobeServer i/o sub-system is now supported by Global System Manager V8.1 (BOS), Global System Manager V8.1 (MS-DOS and Windows) and Global System Manager (Novell NetWare). The GlobeServer is a direct replacement for the Hyper/MX and supports the same peripherals (i.e. serial consoles, serial printers and a parallel printer) and protocols as the Hyper/MX (see section 3 of Hardware Factsheet Number 1).

Note that the GlobeServer is only supported on Global System Manager V8.1. It is NOT supported on V8.0, or earlier.

Although the GlobeServer Unit and TwinSync ISA-bus card are fully documented in the TCL "Hardware Installation Manual for the GlobeServer System" the following points should be noted:-

- A new Global System Manager driver, +J5NGLB (or +JWNGLB), is required to configure a GlobeServer sub-system. The +J5NGLB module, and configuration details, are fully described in section 4.6 of the October 1997 revision (V8.1h) of the Global System Manager V8.1 Notes (MSMNV8.1);
- The Global System Manager device drivers support all the protocols described in the TCL documentation:-
  - RS485      Multidrop 250Kbps to 1Mbps
  - RS422      Leased line X21 type interface
  - RS232S    Leased or dial-up line using V34, or faster, Synchronous modems
  - RS232A    Leased or dial-up line using Asynchronous modems
- The Global System Manager device drivers require an interrupt to be selected (unlike the TCL drivers – see section 2.1.2 of the TCL documentation);
- The Global System Manager device drivers support a maximum of 4 GlobeServer units (i.e. 32 ports) per TwinSync card. Up to 4 TwinSync cards can be configured in a PC;

Furthermore, the TCL GlobeServer has been certified for use with Global System Manager (Windows NT).

The TCL PCI CC/4 and CC/8 cards have been certified for use with Global System Manager V8.1 (BOS), Global System Manager V8.1 (MS-DOS and Windows) and Global System Manager V8.1 (Novell NetWare). Further details are described in section 4.6.1 of the October 1997 revision (V8.1h) of the Global System Manager V8.1 Notes (MSMNV8.1).

Furthermore, the TCL PCI CC/4 and CC/8 cards have been certified for use with Global System Manager V8.1 (Windows NT).

**IMPORTANT NOTE:** The TCL PCI CC/4 and CC/8 cards strictly conform to revision V2.1 of the PCI BIOS specification. Not all computers with PCI bus slots conform to revision V2.1 of the PCI bus specification. **DO NOT EXPECT TO BE ABLE TO USE THE TCL PCI CC/4 OR CC/8 CARDS IN ALL COMPUTERS WITH PCI BUS SLOTS.** The CCDIAG.EXE utility supplied by TCL in the \TCL\_CC directory of the TCL Diagnostics diskette should be used to check whether the BIOS is compatible with the V2.1 PCI bus specification. See the \TCL\_CC\README.TXT file for further details.

The TCL PCI CC/4 and CC/8 cards have only been tested with the following BIOS versions:–

Award 2.1  
AMI AP1206 V1.16  
AMI MMX3621 V1.07