Technical Note TN-660

PC / Laptop Configuration Requirements for Operating Tait DOS PGM software

20th February 2001

Applicability
This Technical Note applies to DOS based programming software produced by Tait Electronics.

1. Information.

Tait DOS based programming software is unable to initialise COM ports on personal computers that support the ACPI specification (Advanced Configuration and Power Implementation), operating **Microsoft™ Windows Millennium Edition or Microsoft™ Windows 98 second edition.** This can occur because the virtual communication device (Vcd.vxd) incorrectly initialises the default state of the COM port for MS-DOS virtual machines (VMs) when you start your computer because the COM ports have already been detected and powered off.

2. Resolution Path.

The work around.   **Disable the Power Management of the COM ports.**

> - Go to the START button and select the 'Run' option
> - Type in the word **Regedit**
> - Use registry editor (regedit.exe), locate the following directory:
>   *\HKEY_LOCAL_MACHINE*
>   *\SYSTEM*
>   *\CURRENTCONTROLSET*
>   *\SERVICES*
>   *\VXD*
>   *\VCOMM*
> - Select 'Enable Power Management'
> - Make a right click on 'Enable Power Management' or select the 'Edit' menu and click **modify**
> - Change 01 to 00 and then click OK.
> - Now quit the registry editor.

CSO's: Please inform staff, dealers and customers of this solution.

3. Issuing authority

Name and position   Barry Crates
Of issuing officer   Customer Support Engineer