

## **Technote 175 Invalid MEX-file error occurs in Matlab.**

### **Problem:**

When using the S232 Application Software and Development Suite with Matlab version R2007A and higher, an error may occur stating:

Invalid MEX-file 'C:\TDT\S232\Matlab\S232.dll': The specified procedure could not be found.

### **Solution:**

A new dll called "S2Mat2007.dll" has been created that should be used alongside the S232.dll and is compatible with newer versions of Matlab.

The new dll file is available for download on the TDT website at:

<http://www.tdt.com/T2Download/drivers/drv32/S2Mat2007.dll>

To setup the new dll file:

1. Download and place the S2Mat2007.dll file into 'C:\TDT\S232\Matlab' folder.
2. Run the VC2005 redistributable found here:  
<http://www.microsoft.com/Downloads/details.aspx?FamilyID=32bc1bee-a3f9-4c13-9c99-220b62a191ee&displaylang=en>
3. Replace all the 'S232' commands in your code with 'S2Mat2007'

For example:

S232('S2init',1,8193,100)

Becomes

S2Mat2007('S2init',1,8193,100)