

## Running TDAS in the IDL Virtual Machine

For users without an IDL development license, we have compiled TDAS in a form that can be run within the IDL Virtual Machine, with no IDL license required. (In this environment, the IDL command line is not available...everything must be done through the TDAS Graphical User Interface).

The IDL VM software itself can be obtained from the Exelis web site, [www.exelisvis.com](http://www.exelisvis.com). You will need to register on that site in order to obtain access to their IDL download area. It may be necessary to download the full version of IDL, which includes the IDL Virtual Machine program. If older versions of IDL are available for download, we recommend IDL 7.1 as the best environment for running TDAS. However, the latest version (8.2.2 at this writing) should also work, although some users will need to adjust layouts and font sizes to obtain publication-quality plots.

Once you have the IDL VM software downloaded and installed, you will need to download the IDL-VM version of TDAS from the Software area of the THEMIS web site:

<http://themis.ssl.berkeley.edu/software.shtml>

It is distributed as a zip file, which will need to be unpacked.

To run TDAS in the IDL virtual machine, start the IDL Virtual Machine tool, click through the splash screen to get to the file selection dialog, then navigate to the TDAS installation. Go into the thm\_gui\_new directory and click on the thm\_gui item. This should bring up the main screen of the THEMIS GUI. From this point you should be able to load, plot, and analyze data through the GUI, as documented in the TDAS Users Guide.

As always, if you have problems or questions regarding the TDAS software, please use the Science Help Request form on the THEMIS web site:

[http://themis.ssl.berkeley.edu/thm\\_sci\\_help\\_request\\_form.shtml#top](http://themis.ssl.berkeley.edu/thm_sci_help_request_form.shtml#top)