



MÄK Plan View Display 2.0-ngc Release Notes

This release note provides the following release-specific information for MÄK Plan View Display 2.0-ngc:

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Supported Systems and System Requirements

Plan View Display 2.0 is being released for:

- ♦ PCs with Windows 2000/XP/NT 4.0
- ♦ Linux
- ♦ SGI IRIX
- ♦ Sun Solaris.

System Requirements for PCs

To install the Plan View Display on a PC, you must have a system with the following minimum requirements:

- ♦ Processor: Intel Pentium 400 MHz or equivalent.
- ♦ RAM: The minimum required for your operating system, plus:
 - 32 MB for DIS exercises
 - 64 MB for HLA federates



Depending on the size of your terrain databases, you may need more RAM.

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- ♦ Hard disk space - Approximately 120 MB. Most of this is for the terrain databases shipped with the Plan View Display. You may need considerably more space depending on the databases you plan to use.
 - ♦ Two or more multiples of the amount of RAM for virtual memory. Running the Plan View Display in HLA may require increased amounts of virtual memory.

Online Help

The online help is in HTML format and uses the default browser for your computer. For all online help features to work, you must enable Java and Javascript in your browser.

Network Compatibility

HLA only

Plan View Display 2.0 was built against VR-Link 3.7.2-ngc and is compliant with:

- ♦ RPR-FOM 0.5, 0.7, 0.8, 1.0, and 2.0
- ♦ MÄK RTI 1.3.6-ngc
- ♦ DMSO RTI NG v3.2, and 4.0.

Plan View Display 2.0 is compatible with applications that use earlier versions of VR-Link if they support versions of the RPR FOM listed above.

DIS only

Plan View Display 2.0 supports DIS 2.0.4, IEEE 1278.1, 2.1.4, and IEEE 1278.1a, and can therefore interoperate with DIS applications of any of these versions.

RTI Support

The MÄK RTI is included on all MÄK product CDs. It is link-compatible with the DMSO RTI NG. Plan View Display 2.0 has been tested with DMSO RTI NG v3.2, and 4.0.

If you use the MÄK RTI, be sure that the Plan View Display can find your FED file, and optional *rid.mtl* file, by putting them in the directory from which you are running, or by setting the environment variable RTI_CONFIG to the directory that contains them.

FOM Support

Plan View Display 2.0 has built-in support for versions 0.5, 0.7, 0.8, 1.0, and 2.0 of the RPR FOM. It also supports VR-Link's ability to support alternative FOMs through the FOM Mapper. By default, Plan View Display 2.0 uses RPR FOM 1.0.

The keywords for specifying different versions of the RPR FOM are:

- ♦ RPR FOM 0.5: v1RPR05
- ♦ RPR FOM 0.7: v1RPR07
- ♦ RPR FOM 0.8: v1RPR08
- ♦ RPR FOM 1.0: v1RPR10
- ♦ RPR FOM 2.0: v1RPR20.

For information about FOM mapping and selecting the correct FOM mapper, see Startup Options for HLA Federations in Chapter 3, "Getting Started", in *MÄK Plan View Display User's Guide*.

RTI Library Names

Plan View Display 2.0 expects library names that match those of DMSO RTI NG v4. If you run Plan View Display 2.0 with DMSO RTI NG v4, both the UNIX and PC versions work without any modification. If you want to run Plan View Display 2.0 with DMSO RTI NG v1 or v2, you must make the following changes:

- ♦ For UNIX, you must use the libraries *libRTI-NGv2.so* or *libRTI-NGv1.so*, which are supplied by MÄK in the *.lib* directory. These libraries correspond to DMSO RTI NG v1 and v2. To use Plan View Display 2.0 with RTI NG v1 or v2, copy the appropriate library to the DMSO RTI NG *lib* directory and rename it *libRTI-NG.so*. (You might want to rename the v3.x *libRTI-NG.so* library first.)
- ♦ For PCs, rename the libraries that come with RTI NG v1 or v2 to the names used by the RTI NG v4 libraries (*libRTI-NG.lib* and *libfedtime.lib*).

New Features and Changes

The Plan View Display release 2.0-ngc features a completely redesigned graphical user interface (GUI) with enhanced usability features, including:

- ♦ A Minimap for quickly selecting the portion of the terrain database you want to view.
- ♦ Removable and dockable toolbars.
- ♦ Support for localization using Qt Linguist.
- ♦ Support for resizing entity labels
- ♦ Ability to configure the color of interface features such as grid lines, contour lines, and grid line labels.

All new features and changes are described in *MÄK Plan View Display User's Guide*, which has been completely updated for this release.

Known Problems

This section lists problems that we have identified, but which do not interfere with overall use of the Plan View Display:

- ♦ This release does not include line-of-sight calculations. We plan to include this feature in a future release.
- ♦ This release does not support plug-ins. We plan to add support for extending the Plan View Display through APIs in a future release.
- ♦ Changing the measurement unit does not change the measurement unit for contour lines.
- ♦ The selections in the Entity List dialog box and the map are not synchronized.
- ♦ If you load a FLT file, then close it, then open another FLT file, the Plan View Display will crash.