Vertical Mapper v3.5 Release Notes

These release notes describe new features and enhancements to Vertical Mapper in the v3.5 release and list issues that were fixed for this release.

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What's New in Vertical Mapper v3.5

The v3.5 release of Vertical Mapper offers the following enhancements and new features:

- Read and Write support for the latest versions of MapInfo's file format
- Improved product stability and performance
- Support of MapInfo Professional's latest operating environments including Windows Vista
- Simpler installation and deployment options
- Smoothing Feature
- Registering Vertical Mapper as MapInfo Professional Tool
- Merged all Public and Private Updates to Date
- Updated Vertical Mapper SDK
- Support of VM API from MapBasic
- Upgrade to the Vertical Mapper MFAL library
- Major Bug Fixes
- Registry Information Update
- New Installer for Vertical Mapper and Vertical Mapper SDK

Fixed Issues

The following issues have been resolved in the v3.5 release of Vertical Mapper.

Fixed Issues in Vertical Mapper v3.5

Incident Number	Description
Analysis Tools	
T10052	Running the Line Inspection function more than once with a different number of samples yields bad results.
T10693	Region Inspection is not calculating results correctly when the region contains holes.
T18722	Running a Grid Query against attached tables causes an unhandled exception of Extended Error Value: 2.
T10024	Runing a Grid Query with classified GRC file output causes an unhandled exception of Extended Error Value: 2.
T19972	When starting Viewshed Analysis using LonLat grid, results in non-fatal syntax error.
C15647	Region analysis displays error 1820.
Contouring	
T17035	When contouring a GRD file using a PFC file with -98, -85, and -75 as values, Vertical Mapper generates Error 1007.
T22580	When contouring a GRD file, an Extended Error Value: 2 occurs.
T17137	When contouring a GRC file, Vertical Mapper generates Error 2726.
T23838	When contouring in Vertical Mapper v3.1.1, Error 510 is generated.
T27143	When contouring GRC file in LonLat Coordsys, results in an unhandled exception.

Fixed Issues in Vertical Mapper v3.5 *(continued)*

Incident Number	Description
Data Aggregation	
T13715	During simple data aggregation Vertical Mapper Error 99 appears, then a fatal crash occurs in MapInfow.exe.
28936	Data Aggregation: Simple Point Aggregation: Error in MapInfo File Access Lib, Extended Err 503 thrown with MPoint Obj.
Grid Creation	
T12735	Importing SDTS to Vertical Mapper Grid always produces a grid with an elevation unit of meter even if the SDTS data are in feet.
T10604	Importing MIG format files to GRD defaults to meters for Z-Units regardless of the units set during the import process.
T12740	The Import Grid dialog expects an .sdts extension for SDTS datasets instead of a .ddf extension.
T17019	MIG grid files created by MapInfo Professional's GridTools.MBX cannot be imported by Grid Import routines in Vertical Mapper.
T18999	MIG format grids created from the ArcGrid format do not contain a coordinate system that Vertical Mapper can use.
C15407	When using the Region to Grid command to create a grid from region vector datasets, not all regions are converted.
26190	When using the Custom Point Interpolation on Lon\Lat table an llegal grid file, bad Z range error appears.
T12290	Non Earth ASCII grid files cannot be imported into Vertical Mapper.
T12533	NN Interpolation error - Cannot focus a disabled or invisible window when using Non native table.
T12557	While doing a simple NN interpolation and using a Hull boundary, results in an Extended Error Value: 2.
T12808	While trying to create points from multi-polygon region, an Extended Error Value: 2 error occurs.
T15521	Vertical Mapper Point Density Square Area is not summing values as expected - it performs MEDIAN calculation instead.
T19492	After the conversion to GRC file the Result grid is offset from original regions.
T20303	Using vmCreateGrid function with a UTM coordinate string causes the TAB file to be created incorrectly leading to a confusing error message.
C15620	Splice grids create an empty row.
T15174	Vertical Mapper crashes MapInfo Pro when certain values are entered into the 'Rectangular Interpolation' dialog.
C15676	Importing ASCII grids creates invalid data at first column.

Fixed Issues in Vertical Mapper v3.5 *(continued)*

Incident Number	Description
Grid Manager	
T21448	Vertical Mapper and MapInfo Professional exit without error when attempting to load the histogram of a grid that has an extreme Z-max value.
28799	Lon\Lat (WGS84) grids are incorrectly listed as Lon\Lat(RT90 7 param) under the GridManager\Info tab.
T27681	While loading Vertical Mapper in the Finnish version of MI Pro crashes with multiple errors.
Help	
T10944	Accessing Help from the Vertical Mapper menu does not work.
Installer	
T25383	On Windows XP and Vista, the installer places user-configurable files under the MapInfo Professional\Vertical Mapper subdirectory instead of in user-specified folders.
28554	Vertical Mapper is not officially supported on Windows XP and is also not compliant with Windows 2000.
T25414	On Windows XP and Vista, startup.wor is installed in the MI Pro ProgramDir and is version 200.
T10024	When using Grid Query with classified GRC file output, if the "Get value from" option used in both True\False conditions is set to the same GRC file, an unhandled exception of Extended Error Value: 2 is generated.
SDK	
T10131	The MBGridCalculator function causes mapinfow.exe to crash.
T18114	After running a Natural neighbor (vmNatNeigh) interpolation using attached files and settings via the SDK in MapBasic, an error is thrown from the method that vmGridMan.dll is out of date and an error #256 is thrown.
T17990	Cannot ddd two grids together using Vertical Mapper SDK and MBGridCalculator in MapBasic - renders this method unusable for MapBasic.
Vertical Mapper Tools	
T15310	The Alter Meta Data tool should not change Z-Units in grid structure if the user does nothing in the tool itself.
T24996	The Grid Info tool returns rounded values from the grid that should contain only cell values of 0 and 1.
29236	The Reproject Grid tool does not support projections that are newer than MapInfo Professional 5.0; instead, an unhandled coordsys string error is thrown.
T24444 C15408	Grids with no gaps between them prior to splicing have gaps between them after splicing.
C15405	The Region Inspection tool produces incorrect results.

Fixed Issues in Vertical Mapper v3.5 *(continued)*

Incident Number	Description
29080	If 2 new groups\classes are created and original classes are assigned to them the Reclass tool crashes.
C15671	Splicing non earth grids create a non earth grid without coord sys bounds.
C15677	Grid info tool produce wrong results with non earth grids.
Spatial Analysis	
C15541	Region Inspection causes an unhandled exception.
C15555	Region Inspection Analysis produces incorrect results.
UC11021	While calculating volume throws Extended Error Value: 2 and Unable to open table error messages.
Data Analysis	
T25930	While trying to create a Correlation Matrix table an Extended error value: 2 appears.