

INTERsoft changes:

Optimizations:

- new command ISOPT it can be used to turn optimizations off and on (on by default)
- when optimizations are active program doesn't draw very small elements(sub 1 pixel always) and small elements during realtime zoom and pan, also during realtime operations text and hatches are not drawn

Modifications:

- selected elements keeps their color

Open and save files

- Drawings with multiple layouts and printer configurations now save much faster.
- Some drawings did not load and convert polylines when PLINETYPE=0; this has been fixed.
- Improved reliability when opening drawings from a network drive.
- Improved opening files through Windows File Explorer.
- Improved roundtrip for non-rectangular viewports.

Raster images (IntelliCAD Professional versions)

- Adeko Raster now handles larger images with higher performance and less memory usage.
- Adeko Raster provides better performance for more complex drawings with many images attached.
- Crashes could occur during out-of-memory conditions for extremely large image files (300MB+); this has been fixed.
- IMAGECLIP command line options are now compatible with scripts.
- IMAGECLIP can now be called correctly from LISP.
- AddImage COM API method is now working correctly.
- Image/Attach dialog box did not always appear on top of the IntelliCAD main window; this has been fixed.
- Fade option of image management no longer works in reverse.
- Adeko Raster now properly supports FILEDIA when attaching image files.
- Added the RASTERVERNUM system variable to determine the version number of Adeko Raster.
- Improved support for images inserted with Hitachi Image manager.
- Added support for additional image positioning files.
- Image handling from LISP and the command line have been improved.

Blocks and external references

- Dynamic block roundtrip improvements.
- Performance increase in handling font substitutions for complex external references.
- INSERT command no longer creates incorrectly scaled blocks when the z-scale is not prompted.
- Block attributes no longer display the incorrect position (justification) when reopened in other applications.

Hatches

- Hatch boundary now handles more complex cases.

View drawings

- Improved pan and zoom performance for large raster images.
- Real-time pan or zoom no longer causes the loss of correlation between the crosshairs and the entity during some COPY and MOVE operations.
- Improved display of table entities.
- Fixed a GDI memory leak for the ZOOM command.

Printing

- Print offset now stores in paper units.
- The -plot command now consistently handles the advanced plot setting "Print Lineweights."

APIs

- SDS: Some problems occurred in SDS applications when the XCrashHandler application was active; this has been fixed.
- SDS: Deadlocks could occur when using sds_command to call Zoom and sds_ssget at the same time; this has been fixed.
- SDS: sds_draggen() could crash when a NULL prompt was passed in; this has been fixed.

Other fixes

- Entity Properties toolbar can now change an entity to reside on a frozen layer.
- Polar tracking now works properly with Surveyor's Units.
- Offset polyline now handles more complex cases.
- In some cases keywords were not properly handled when combined with object snap input; this has been fixed.
- Incorrect tablet configuration could cause random crashes; this has been fixed.
- Some intermittent crashes occurred during mouse-over grip editing and drawing closing; this has been fixed.
- IntelliCAD could crash when deleting linetypes from the IntelliCAD Explorer; this has been fixed.
- Drawing change callbacks are no longer inconsistent.
- New support for DIMTALN and MTEXT format \S-.
- Attribute and AttributeDef objects now support the Locked property.
- New enhancements to the User Coordinate System window.
- A new UCS can now be created using the SETUCS command > Explore UCSes.
- The Fillet Chain option now works for ACIS solids filleting.
- A random crash no longer occurs for the XCLIP and XREF CLIP commands.
- Rendering was improved for shape based linetypes.
- Performance was enhanced for entmod of layer tables.
- Offset command improved handling for properties and extended entity data.
- Increased omode settings snap priority over polar snap settings priority when both are enabled.
- Improved performance with very large sets of toolbars and menus.
- Improved trim for some ellipse entities.