

What's New

New in WellCAD v5.2 b1925

- A minor issues has been corrected for the import of multiple image files (e.g. core photographs) when the depth unit is set in feet.
- When exporting meta data from WellCAD to a [LAS](#) header the order of the mnemonics is now alphabetical.
- A problem with the [Find Links Automatically](#) process of the Depth Matcher tool has been fixed. Only Well Logs types can be selected now.
- When converting a Mud Log to a Well Log or during the resample process of a Well Log a sample step of 0 could lead to an infinite loop. This issue has been fixed.
- Automation: The cause for the "The server threw an exception" error message when creating the WellCAD object has been fixed.
- An instability of the [Color Classification](#) process on 32bit installations has been eliminated.
- The dialog box for the [Fluid Velocity](#) estimation in the Casing Integrity and ISI modules has been revised . The graphical user interface has been reviewed and the diameter of the support points can now be derived from a caliper log. The extend trends option has been removed and it will be applied automatically.
- Rich Text Format (RTF) editor of the Comment Log: A size issue has been corrected for the font style and size combo boxes.
- When inserting a new Structure Log the unit for Aperture can now be selected.

New in WellCAD v5.2 b1324

- An automation method has been added allowing to [apply a workspace template](#).
- [Annotation Editor Bar](#): A toolbar has been added to add and remove rows.
- [Chart Log](#): Problems when saving and reloading the log have been solved.
- Cross Plot: In 32 bit versions of WellCAD the [interactive selection of a depth range](#) could lead to an instability.
- Cross Plot: The problem of selecting a straight vertical [regression line](#) has been solved.
- [CoreCAD](#): The status bar in the CoreCAD view shows now the log details when moving the cursor in the track of a selected log.
- [Engineering Log](#): Comments on multiple lines are now correctly handled when exporting the data into a TXT or LAS file.

- Structure Picking: Hollow tadpoles created using the new ToadCAD options, were not correctly drawn in polar, rose and other diagram types. The issue has been fixed.
- FWS Processing: Font display issues in the dialog box of the **Frequency Filter** dialog box have been corrected.
- ISI and Casing Integrity Module: Constant values inadvertently entered into the "Using Log" parameter drop down list of the **Rotate By**, **Recalculate Dip / Tilt** and **Recalculate Azimuth** dialog boxes caused some instability and has been fixed.
- The position of the low / high amplitude scale and azimuthal position markers in the title of **Image Logs** has been swapped so that it is more obvious that the amplitude scale refers to the color palette.
- **LAS import**: problem with recurring error message during date / time based data import has been fixed.
- **MultiWell**: Opening a borehole document embedded in a field document and editing the equation of a Formula Log caused WellCAD to become unstable. This issue has been fixed.
- **Analysis Log**: A right click into the Select Litho Pattern dialog box displayed while modifying a pattern from the Analysis Log Component Settings caused WellCAD to encounter a severe problem. The problem has been solved.
- The import of RBT data from TFD files has been enhanced.
- A problem with recalculating the dip angles when **caliper and depth of image** were changed at the same time in the structure log properties got solved.
- When importing **NMR data from a QTeq BMR** tool it was possible that the imported data was upside down (only for down runs). This problem has been corrected.

New in WellCAD v5.2 b914

- Problems with the Lithology Bar in the 64bit installation of WellCAD have been solved.
- Removing a color component from a table where a color picker is used works correctly now.
- The display of the check box tick mark in a WellCAD header was offset. It has been corrected.
- Automation: The ApplyTemplate method recognizes the parameter list used with older versions of WellCAD now.
- Property Bars in the cross plot workspace should slide in and retract more smoothly now when in auto hide-mode.
- When a Document Layout Template (*.WDT) is applied the unit strings for a log will no longer be overwritten with the information from the template.
- An issue with very small font sizes being displayed in some FWS Processing dialog boxes has been fixed.

- A correction for the accessibility of shortcuts for SQL and Automation scripts from the File menu has been applied.
- The Dead Sensor process produces no longer an empty log as result.
- On High DPI displays the row numbers on table / grid controls were not completely visible. The problem has been corrected.

New in WellCAD v5.2 b810

- The software installation process has been revised and problems with the installation of new files been resolved.
- A number of bugs has been fixed in the Cased Hole module (statistics process, joint length handling).
- Casing Catalog saving problems have been fixed.
- A mouse flashing problem has been solved in the Color Classification process.
- Formula logs are correctly refreshed when loading a file.
- The Extract Color Components process works again correctly.
- A refresh problem with the Cross Section Bar has been solved.

New in WellCAD v5.2 b712

New add-on modules

- [Casing Integrity Workspace](#) and [Casing Integrity Module](#)
- [NMR Workspace and post processing module for NMRSA tool](#)

New or updated processes

- [Unit Converter](#)
- [Color Classification Process](#)
- [Fracture Height](#)
- [Centralize](#)
- [Dead Sensor Correction](#)
- [Fluid Velocity Estimation](#)
- An option to [compute a total gamma ray curve](#) from K, U and Th isotope concentrations using MEDUSA calibration files has been added.
- New [Resample](#) process for FWS traces

New printing & export features

- [Print Scaling](#)
- [Page Footer](#)
- [Composite Document](#)
- Export [Log Summary Bar](#) data distribution diagram as bitmap
- Export [Cross Section View](#) as bitmap
- Export ISI Workspace Stereonet and Rose diagrams as bitmap

New data presentation options

- New shading options for Well, Mud and Interval logs using [Classification Colors](#)
- Tadpole styles (see [ToadCAD](#))
- [Image Log Display Style](#): The Image log properties provide an option to display data as vertical wiggle traces used for example when displaying data from multi arm caliper tools.
- [FWS Log logarithmic scaling and amplitude scale factor](#): New options have been added to the FWS properties to display data along a logarithmically scaled time axis (e.g. NMR T₂ data) and to enlarge / decrease the amplitude display by a user defined scale factor.

Other enhancements

- [WellCAD Start Page](#)
- [Auto Recovery](#)
- [Automated Depth Shift](#)
- ISI Workspace: New icons added to the workspace to [Import / Export Logs](#) into or out of the workspace and to display the [Workspace Settings](#). An export option for the stereonet and rose diagrams has been added to the corresponding bars.
- [Engineering Log](#)
- [Engineering Bar](#)
- [Log Summary Bar](#)
- [Look & Feel options](#)
- Improved [LAS import](#) channel selection
- [Highlighting editable text fields in the header](#)
- [Exchanging bitmaps in the displayed header](#)

- When [merging](#) two logs the NULL values above the first and below the last valid data points can be trimmed before merging the data columns.
- A Draw all data points option has been added to the [Well Log defaults](#).
- The [Process > Common > Resample Logs](#) options allows to up-sample the depth step for image logs as well now.
- When converting [Well Logs to Mud Logs](#) the No Data values can be excluded from the conversion now.
- Only one type of Image Log, the floating point (4 byte) version, will be used in the future. Float 2 and Unsigned Integer versions are not created anymore (but are still supported if older files are used).
- An option to hide the no data (Null) value bin in the [histogram of a Chart Log](#) has been added.
- [Shortcuts to automation scripts](#) can easily be created from the Tools > Options menu now.
- When [exporting TXT files](#) the user can now choose whether data values are taken from the **same depth** location or from the depth which is **nearest point** to the reference depth.