

WHAT'S NEW IN THE 500 SERIES

V599	14.0	FIXED:	CheckMate wasn't creating the tolerance from the constructed circles correctly when importing the BAS file using CMPCDMISIN.
V598	14.0	ENHANCEMENT:	Cmdragmeas now works on the normal of a slot measurement
V597	14.0	ENHANCEMENT: FIXED:	"MEASURE MBD" function enhanced canted cylinder measurement created to an accessible region. "MEASURE MBD" function was doubling up on the probe changes.
V596	14.0	ENHANCEMENT:	"MEASURE MBD" function has a more intelligent auto clearance move generator.
V595	14.0	FIXED:	Excel defaults screen was crashing with a Microsoft NET Framework error.
V593	14.0	ENHANCEMENT: ENHANCEMENT:	New EXP modifier for the ASCII data loader. /#CMA,APT,PROG,EXP will bring in your original, single-spaced XYZ file as individual measurement points. Improvements in creating measurements in Assembly files.
V592	14.0	TESTING:	Logging added to monitor crash errors.
V591	14.0	FIXED:	Grid plane and single picked circles not working in SLDASM files.
V590	14.0	ENHANCEMENT: ENHANCEMENT: ENHANCEMENT:	Automeas enhanced by picking GD&T/dimensions/notes Sketch circle picking enhanced Selection mode enhance with bounding box selections-(Corner to corner) 1)Going from left to right anything in the window is selected. 2)Going from right to left anything crossing is selected.
V589	14.0	ENHANCEMENT:	<CTRL> drag operations in assembly mode create copy of component.
V588	14.0	FIXED:	Added a new callback to the probe builder so that when a probe is loaded the phantom probe gets created without having to execute any CheckMate commands.
V587	14.0	TROUBLESHOOTING:	Added temporary tracing to determine why the ghost probe isn't being created in an assembly ile when a sldprt probe is being used.
V586	14.0	TROUBLESHOOTING:	Added temporary tracing to determine why the ghost probe isn't being created in an assembly ile when a sldprt probe is being used.
V585	14.0	TROUBLESHOOTING:	Added temporary tracing to determine why the ghost probe isn't being created in an assembly ile when a sldprt probe is being used.
V584	14.0	FIXED:	CheckMate database is now manually loaded from the part file associated with the assembly with relying on the callback from OpenDoc6.
V583	14.0	ENHANCEMENT: ENHANCEMENT: ENHANCEMENT: ENHANCEMENT: ENHANCEMENT: FIXED:	OPENDMIS flavoring printer/file/display switch copied to output screen begin/end clearance move option for circle outer browser text colors improved MBD datum target support added MBD upper disposition of profile tolerances support added Range whisker scaling fixed
V582	14.0	USED INTERNALLY	
V581	14.0	FIXED:	Reporting Browser was not handling diametrical cylinder tolerance correctly, showing incorrectly colored deviations.
V580	14.0	ENHANCEMENT:	New checkmate.csv format allowing a ribbon to be create but hidden. (column B on the ribbon title: 1 - create and show the ribbon (default behavior if column B is empty) 0 - create but hide the ribbon -1 - do not

		<p>ENHANCEMENT: ENHANCEMENT:</p>	<p>create the ribbon) New cmMenuPrep in the package. If the menu is changed, the CheckMate user interfaces for all installed versions of SolidWorks are reset. Resetting the menu from the registry. new command: /#CMU,RESETUI which causes the whole "current user, software, solidworks, solidworks XXXX, user interface" registry key to be deleted the next time CM is launched.</p>
V579	14.0	FIXED:	Array overrun was causing solidworks to crash
V578	14.0	<p>FIXED: FIXED:</p>	<p>PC-DMIS uses a separate manual retract setting and that wasn't set before the manual plane measurement. Automatic clearance moves are no longer created for manual measurements.</p>
V577	14.0	<p>FIXED: ENHANCEMENT: ENHANCEMENT: ENHANCEMENT:</p>	<p>Automeas would not initialize to the last saved settings. Can now edit segment names, feature names and tolerance names directly in the cmbrowser. Can now enable all tols on a feat by ALT-CTRL click feature directly in the cmbrowser. Can now remove tols on a feature by ALT click tolerance directly in the cmbrowser.</p>
V576	14.0	<p>FIXED: FIXED:</p>	<p>Xspect Solutions is changed to Wenzel Drag meas command wasn't showing animation when moving a feature up its axis.</p>
V575	10.0	USED INTERNALLY	
V574	14.0	FIXED:	segment got a couple of half deleted zombie ID measurements causing havoc. CheckMate just ignores them now.
V573	14.0	<p>FIXED: ENHANCEMENT: ENHANCEMENT:</p>	<p>AUTOMBD handling partial cylinder outers now. AUTOMBD automatically executes a new command cmu,justify which rearranges a program so that references features are defined/measured before they are called by other features. Did some work making a checkmate text report to pcdmis look more pcdmis'ish.</p>
V572	14.0	<p>FIXED: ENHANCEMENT: ENHANCEMENT: FIXED: ENHANCEMENT:</p>	<p>planes did not have tolerances ties to them when they were not in the DimXpert tree. In cmbrowser, hold down the ALT key and pic a feature to enable all main tolerances. In cmbrowser, hold down the ALT key and start selecting tolerances to disable. Selecting 'disable tolerance' when rightclicking on a tolerance in the cmbrowser now works. In cmbrowser, you can now select several tolerance and select SH-DEL on the keyboard to delete them.</p>
V571	14.0	<p>ENHANCEMENT: FIXED:</p>	<p>new command /#CMD,MBD processes non dimXpert annotations. feature names from dimXpert tree now come across.</p>
V570	14.0	<p>ENHANCEMENT: FIXED: FIXED:</p>	<p>FCF window greys out if tolerance not enabled on Edit Picked screen. works around the SW2016 MBD datum label glitch in cmbrowser. now crops Excel BMPs to compensate for area covered by feature tree.</p>
V569	14.0	<p>FIXED: FIXED: FIXED:</p>	<p>Excel graphics extents cleaned up. "Hide" and "Tool tips" location cleaned up in cmbrowser. message scrolling area in cmbrowser kept jumping to the top.</p>
V568	14.0	FIXED:	Excel graphics not capturing the correct bmps.

V567	14.0	FIXED:	Layout titles not switching properly.
V565		FIXED:	picking a second point in Prismatic mode of AutoMeasure caused SW to crash.
V564	14.0	FIXED: FIXED: FIXED:	System crashed when adding angles to a facet probe transferred from an assembly. The AutoMeas point->line tweaks. tcpid probe loading tweaks.
V563	14.0	ENHANCEMENT:	CM 14 now has the ability to save a probe builder probe as a .PRB file. SEE HELP NOTES/WEBINAR.
V562	14.0	FIXED:	cmexport sat with segments from CM12.1 imported into CM14. Went to output program, selected one of the other saved output filenames and solidworks crashed.
V561	14.0	ENHANCEMENT: FIXED:	Added Capvidia support for CheckMate MBD When checking for duplicate labels, Checkmate was creating a '12.1' SCR file instead of a '14.0' RUN file.
V560	14.0	ENHANCEMENT: FIXED: FIXED: FIXED: FIXED: FIXED	Added new LAYOUT buttons on the 'Levels' Tab. Refinements to New AutoMation on 'Programming' Tab. Fixes in UNDO mechanism. CM14 cmx file was imported back into CM14 and all entities were colored black. when executing a command, the message area in the cmbrowser was scrolling to the top of the field. Allow the 'basic' setting to be used in CheckMate Parameters.
V559	14.0	ENHANCEMENT: ENHANCEMENT:	Added Intuitive Alignment (just pick datum labels now. No need for line constructions for orient datum) Added CMSTLIN - STL loader
V558	14.0	ENHANCEMENT: ENHANCEMENT:	New AutoMation switches on 'Programming' Tab. Added switch to turn off tool tips on 'Programming' Tab.
V557	14.0	ENHANCEMENT: FIXED:	Foreign language support to Calypso loader. CMFLIP was not working on a constructed plane.
V556	14.0	ENHANCEMENT: ENHANCEMENT: FIXED:	Added new PRT/ASM syncing Added real time adjustable simulation speed slider on the Stop button. PROBE AUTO-CLEAR ALL MEASUREMENTS TO WORKPLANE was not freeing up the action line.
V555	14.0		VERSION JUMP TO ALIGN WITH CMENGINE VERSION
V554	14.0	ENHANCEMENT: FIXED: FIXED: FIXED: FIXED: FIXED: FIXED:	Added support for distance between and constructions with the automatic MBD stuff. The label defaults bug where "show" was swapped for 'dia/len/wid" and "actuals" is fixed. The SaveAs button works correctly with the header defaults. When a native file is loaded into Solidworks the local folder changes to match. CMSELECT has a lockout to prevent re-entry when the user clicks faster than CheckMate can respond. The "Justify measurements to the screen direction" switch now applies to all picking/dragging. Group profile reporting entities no longer appear in the RC browser.
V553	14.0	ENHANCEMENT: FIXED:	Added Calypso loader support- scanned torus now supported. Calypso loader - constructed circle used in an alignment that failed causing

			cascading errors.
V552	14.0	FIXED: FIXED:	MBD auto was causing SOLIDWORKS 2015 to crash. CheckMate created CAL file values were incorrect. (from PCDMIS data)
V551	14.0	FIXED:	Could not pick in the browser when performing browser commands (eg move/copy)
V550	14.0	ENHANCEMENT:	Add ability to add/remove/edit clearance moves within a feature. see HELP notes.
V549	14.0	ENHANCEMENT: FIXED:	Implemented sphere for Calypso Geoactuals loader.
V548	14.0	FIXED: FIXED: ENHANCEMENT	fixed Clipping planes preventing CheckMate geometry from displaying. the loaded probe size was not being used for cylinders for simulation. FCF now viewable on the 'edit picked' screen.
V547	14.0	FIXED: ENHANCEMENT: ENHANCEMENT:	Problems extracting tolerances from DimExpert tree. Problem was units related. Added Probebuilder add-in, Also separate install for Renishaw probe components in SolidWORKS 2014 format Added to Help File Added Collision detection in assemble drawings. Uses Probes build with the Probe Builder.
V546	14.0	FIXED FIXED FIXED	Cylinder measurements were being rotated out of orientation Spacing STEPBACKS added to programming defaults to keep Plane Measurements from going too close to a corner where the probe cannot access. CheckMate Datum label positioning location fixed.
V544	14.0	FIXED	Undo bug fixed.
V486/V543	12.1 14.0	FIXED: FIXED:	Want to autopopulate the Equator template with the output path from the Output Program screen. CheckMate is not ignoring the comment line in the DM file with \$\$ COMPARE/ON,CAL,sCAL_FILE,MST,sMST_FILE
V543	14.0	ENHANCEMENT: ENHANCEMENT:	MBD SUPPORT - pick sing point for a plane and get a 5X5 grid. MBD SUPPORT - distance between-pick the checkmate features,pick location for label, pick MBD nominal callout.
V542	14.0	FIXED: FIXED: FIXED: FIXED:	virtual features were doubling up virtual feature parent segment wasn't be captured (important for reporting browser display) reporting outputs weren't recalculating A1/A2 after a fit reporting browser wasn't calculating A1/A2 at all
V541	14.0	FIXED	Undo mechanism was destroying attributes and groups.
V540	14.0	QUICKFIXED	Undo mechanism was destroying attributes and groups.

V538	14.0	ENHANCEMENT	MBD SUPPORT - FINE TUNING
V537	14.0	ENHANCEMENT	MBD SUPPORT - now support for most connected GD&T callouts (distance between/angle between pending)
V485/536	12.1 14.0	FIXED:	Importing Calypso programs, feature label names were not being left-truncated correctly.
V535	14.0	FIXED:	"New Probe" relate bugs fixed.
V534	14.0	FIXED:	Undo repairs complete.
V530	14.0	ENHANCEMENT:	Mouseclick productivity tools added. Videos on youtube Techtips.
V484/533	12.1 14.0	FIXED:	Various small loader issues with the PC-DMIS BASIC loader.
V483	12.1 13.0 14.0	FIXED: FIXED: FIXED:	Reporting Defaults default colors incorrect. Colormap display sometimes causing the program display to be black. RCB Column settings not saved with the part.
V530	14.0	ENHANCEMENT	Mouseclick productivity tools added. Videos on youtube Techtips.
V482/529	12.1 14.0	FIXED	new CMECAL2OPN, CMECAL2IMS, and CMEPPG2MOD configurations.
V480/528	12.1 14.0	FIXED Enhancement Enhancement Enhancement	Trim edge analysis sometimes results in a flipped edge vector. Edit a feature by double clicking it in the graphics area. Feature control frame column added to programming browser. Augment colormap progress bars with 1 of 5 for multiple results.
<u>V514</u>	<u>14.0</u>	Enhancement	24 bit color for PCM