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Digital Collections System (DCS)™ OEM 2016 Upgrade & Update - Features List



DCS AutoCAD OEM - New Features List

- 1. Windows 10 Compatibility**
- 2. Updated PDF Survey Forms**
- 3. Added Acrobat Reader DC & Acrobat Pro DC Compatibility**
- 4. Improved Obstacle Block Functionality**
- 5. Revised Obstacle List, Attributes, and XML Input/Output**
- 6. Added Fixed & Rotary Wing Aircraft and Vehicle Blocks in the Block Library Manager (BLM) and in the Insert Obstacle (IO) Menu**
- 7. Added New FARP Hose Configuration Blocks to the BLM**
- 8. Enhanced New & Old FARP Blocks in the BLM to Support Dynamic Functionality**
- 9. Purged Antiquated Blocks from the BLM**
- 10. Improved Gradient Tools Functionality & Reliability**
- 11. Removed Automatic Text & Leader Creation when Importing a .XML**
- 12. Enhanced Draw with Magnetic Variation Command Features; (i.e., ability to seamlessly hot swap between DR Mag & DR True/UCS World)**
- 13. Streamlined, Added & Reorganized Right Click Menu Options**



- 14. Reorganized & Renovated Pull-Down Menus and Toolbars**
- 15. Improved Google Earth "Fly To" Feature**
- 16. Improved Imagery & Terrain Integration Capture Speed**
- 17. Improved Undo Command - Includes Group Commands; (e.g., ELF, DCB and other commands)**
- 18. Added Compound Curve Utilities; (i.e., C1/C2)**
- 19. Improved Diagram Layout Portrait-to-Landscape Functionality, (i.e., this feature now automatically deletes old layout tab, inserts the new layout tab, and adjusts the reference wire frame to the proper orientation in model space)**
- 20. Updated Criteria Dialog Box Naming Conventions to Match Layout Tabs & Talon Point Tabs; (e.g., common sense name changes such as the Diagram vs. Layout)**
- 21. Modified Insert Airfield Nodes (IAN) Dialog Box Functionality - eliminates all but the insertion of threshold points for an LZ. Additionally, if a collected longitudinal gradient is available and incorporated into a planning drawing, IAN will allow the user to select the gradient and the DCS will assign the closest gradient point elevation into each of the threshold points. This ensures that the gradient graphs will be accurate, and the slope reported to the forms will also be accurate**
- 22. Added KMZ/KML Import Capability; (i.e., Points, Routes & Area)**
- 23. Under the Hood Software Stability & Performance Enhancements**

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- 24. New Command/Capability - Draw Selected Leaders (DSL) - allows users to quickly click on Intelligent Objects to add text & leaders and/or type <ALL> to add text & leaders to every obstacle in the drawing**
- 25. Added STAR iOS App Import/Export Capability**
- 26. Added Quadrant Compasses to the the Block Library Manager (BLM)**
- 27. Improved Insert Airfield Node (IAN) Command, automatically turns on End Point OSNAPS and leave them on, so both ends of a RWY center line can be selected**
- 28. Added New Aircraft Criteria; (RAAF C-130, C-145A, C-146A, and PC-12)**
- 29. Improved Landing Zone Data Node (LZDN) Performance includes smoother transition switching between various LZ Aircraft Criteria**
- 30. Upgraded Reference Point To Obstacle/Object (RPTO) - allows user to save information into a text file and insert the RPTO graphic with direct line distance and heading information**
- 31. Stripped out Desert Landing Site (DLS) Criteria Feature**
- 32. Added the ability to ELF, (Edge, Lines & Fillets), a Poly Line**
- 33. New Command/Capability - Edge, Lines, and Fillets Inverted (ELFI) - allows users to ELF two lines that do not intersect in time & space**
- 34. New Command/Capability - Redraw All Nodes (RAN) - allows users to redraw all nodes at the same time vs. picking individual objects**
- 35. New Command/Capability - RevCloud Scale Bump (RCSC) - allows user to individually bump the scale of RevClouds without effecting others.**

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- 36. New Command/Capability - Hatch Scale Bump (HPSC) - allows the user to bump up/down the hatch scale on one single object or multiple objects**
- 37. New Command/Capability - Convert to LZ (CLZ) - allows the user the capability to convert a 2D “Dumb Line” line into an Intelligent Airfield & LZ Criteria**
- 38. New Command/Capability - Convert to DZ (CDZ) - allows the user the capability to convert a 2D “Dumb Rectangle or Circle” into Intelligent DZ Criteria**
- 39. New Command/Capability - Convert to HLZ (CHLZ) - allows the user the capability to convert a 2D “Dumb Rectangle or Circle” into Intelligent HLZ Criteria**
- 40. New Feature - DCS Auto-Generates & Save the Obstacle Lists into a .txt file once the AZ Form is created**
- 41. Enhanced Feature - Reference Point to Obstacle (RPTO) Command allows user to select obstacles of interest and drag the radials to a reference point; at which point, an obstacle dialog box is presented to the user allowing them to open/save the obstacle list into a .txt file and the ability to insert the radials with distance and heading information into their drawing**
- 42. New Command/Capability - Delete RPTO (XRPTO) - allows user to delete the new capability RPTO graphic.**
- 43. XML Import Enhancements - Text & Leaders no longer appear after import offering the user a cleaner drawing to work with after importing the .XML**
- 44. New Command/Capability - Quadrant Compass Layer Freeze Button -**

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45. New Feature - FARP Product Generation - Includes a new toolbar located on the bottom left side under the Criteria Toolbar. Features include: the latest FARP hose configurations and specific refueler aircraft, thus allowing DCS to automate creating FARP layouts, (Macro & Micro Views). DCS is also able to calculate the nose wheel location (coordinates) of the refueler bird and the position locations (coordinates) of the refueling birds, and accurately populate the coordinate fields in the layouts.