

CAD Knowhow

**9 + 1 User variables and commands
that increase project performance
in Plant 3D™**



Maximizing efficiency in Plant 3D starts with knowing the right variables and commands.

Here are 9+1 that can elevate your project's performance:

1 PLANTINSULATIONMODE

Control whether insulation is displayed on Plant 3D piping objects for a clearer workspace.

2 PLANTPROP mismatch DISPLAY

Toggle the property mismatch marker to spot issues faster.

3 PLANTSAVEDetail

Set proxy graphics detail when viewing Plant 3D objects in AutoCAD or Navisworks without object enablers.

4 DISPSILH (System variable)

Manage silhouette edges in wireframe views for cleaner visuals.

5 ISOLINES (System variable)

Define the number of contour lines on 3D solid curved surfaces.

6 VIEWRES (Command)

Set tessellation in the current viewport for smoother object views.

7 VTENABLE (System variable)

Control smooth view transitions for better visual performance.

8 STARTUP (System variable)

Choose what is displayed on startup or when opening a new drawing.

9 STARTMODE (System variable)

Toggle the Start tab display for streamlined navigation.

10 Bonus: PLANTINSULATIONCOLOR

Not performance-related, but great to know.

Adjust insulation color for better clarity.