

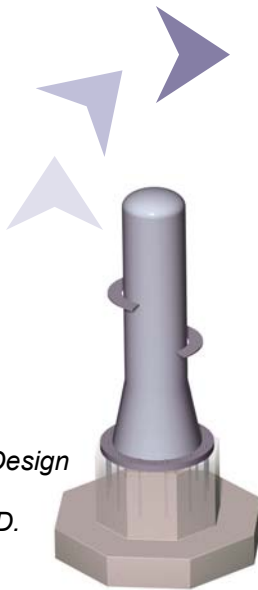
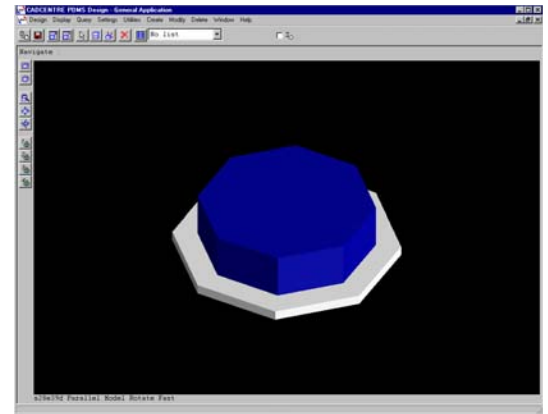


DIMENSIONAL SOLUTIONS, INC.

Foundation3D - VANTAGE Interface

*Advanced software for
foundation design*

*Foundation
Model generated
in VANTAGE.*



*Foundation Design
completed in
Foundation3D.*

Would you like to complete the foundation designs of equipment supports such as those for exchangers, vessels, towers, stacks and similar plant design equipment whose foundations have been modeled in VANTAGE Plant Design Management System (VANTAGE PDMS) and generate detailed foundation construction drawings with just a few mouse clicks? Would you like to generate equipment foundation models in VANTAGE after designing them in FOUNDATION3D?

If your answers are yes, you will want to consider the **FOUNDATION3D - VANTAGE PDMS Interface™** from Dimensional Solutions.

This easy-to-use interface extracts vital information from VANTAGE PDMS such as the equipment foundation geometry required to complete the foundation design. The interface then brings the vital information into FOUNDATION3D to complete the equipment foundation design and generate a detailed foundation construction drawing.

To experience the significant foundation design and drafting time savings that many of our customers have, visit www.dimsoln.com site for a free trial.

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VANTAGE by AVEVA, is a database driven 3D modeling system used worldwide for the manipulation and storage of plant layout and design information.

www.aveva.com

Foundation3D is an integrated, single program foundation design solution for the plant design industry that takes minimal information such as equipment geometry to complete equipment foundation design and generate detailed construction drawings in AutoCAD and Microstation in minutes.

Key Benefits

Transferring vital foundation geometry from VANTAGE PDMS into Foundation3D and vice versa through a user-friendly interface, will allow you to achieve the following:

- **Reduce foundation geometry input time, thereby completing your foundation designs quickly.** If you have ever transferred the foundation geometry data manually into a foundation design software, you know how difficult and time-consuming this process is. Because the Interface automatically brings the foundation geometry from VANTAGE PDMS into Foundation3D, you can complete your foundation designs quickly.
- **Focus on the foundation design rather than accuracy of input.** Because the interface extracts the latest information from VANTAGE PDMS, you are assured that when you complete foundation design, you have used the most recent information allowing you to focus on the design rather than the validity of the data.
- **Have the flexibility to run multiple foundation design solutions for the same support configuration so that you can optimize your designs.** Because the interface allows you to design the equipment support foundations ranging from a spread footing under each support to a combined footing with dual supports, you can analyze “what-if” scenarios for a variety of conditions. This will enable you to optimize the foundation design of any given equipment support.
- **Allow you to propagate foundation design changes into the VANTAGE PDMS model quickly and accurately, reducing modeling time and costs.** If you have worked on an engineering project from start to finish, you know that foundation designs can undergo a number of changes during the lifecycle of the project. Because the interface allows the changes in foundation geometry during design to be easily propagated into the VANTAGE PDMS model, you will save modeling time significantly resulting in reduced costs.
- **Automate your design and drafting environment so that you can increase your productivity and reduce costs.** Since the interface allows you to complete your foundation designs in Foundation3D quickly and accurately, and because Foundation3D enables you to create detailed foundation construction drawing in a CAD engine of your choice such as AutoCAD or Microstation, you and your organization will increase productivity by automating the foundation design and drafting process reducing costs significantly.

Saving time is saving money. Nowhere is that more true than in an engineering project. If you have ever exceeded your budgeted hours you know the value of reducing hours or days required to complete an engineering project. With the Foundation3D - VANTAGE PDMS interface, you will save hours of foundation design, drafting and modeling work, which typically comprise a large part of the overall engineering budget. To experience significant time savings and productivity through automation, please call us or visit us at www.dimsoln.com to obtain a free trial copy of the software.

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