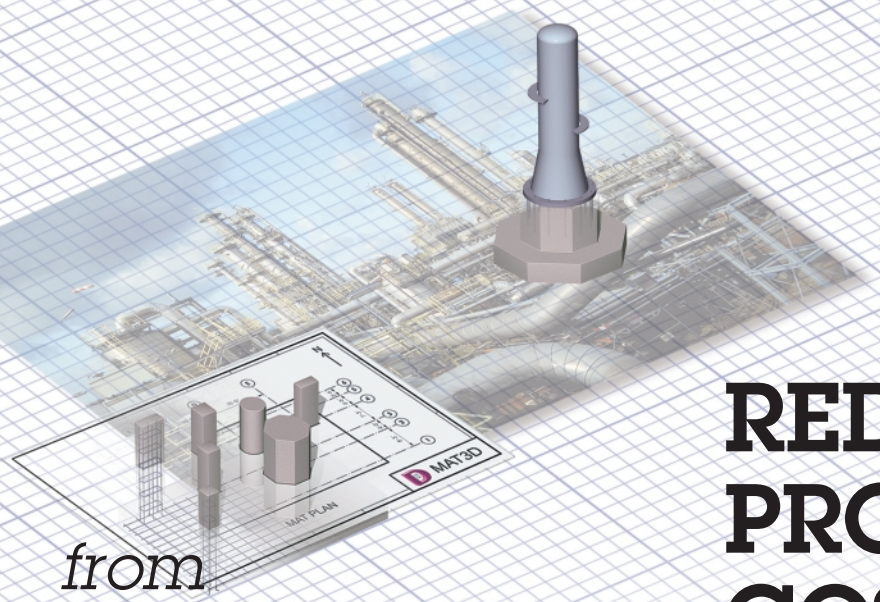
# Plant Focused Foundation Design Solutions

*Advanced software for foundation design*

*Dimensional Solutions, Inc.*

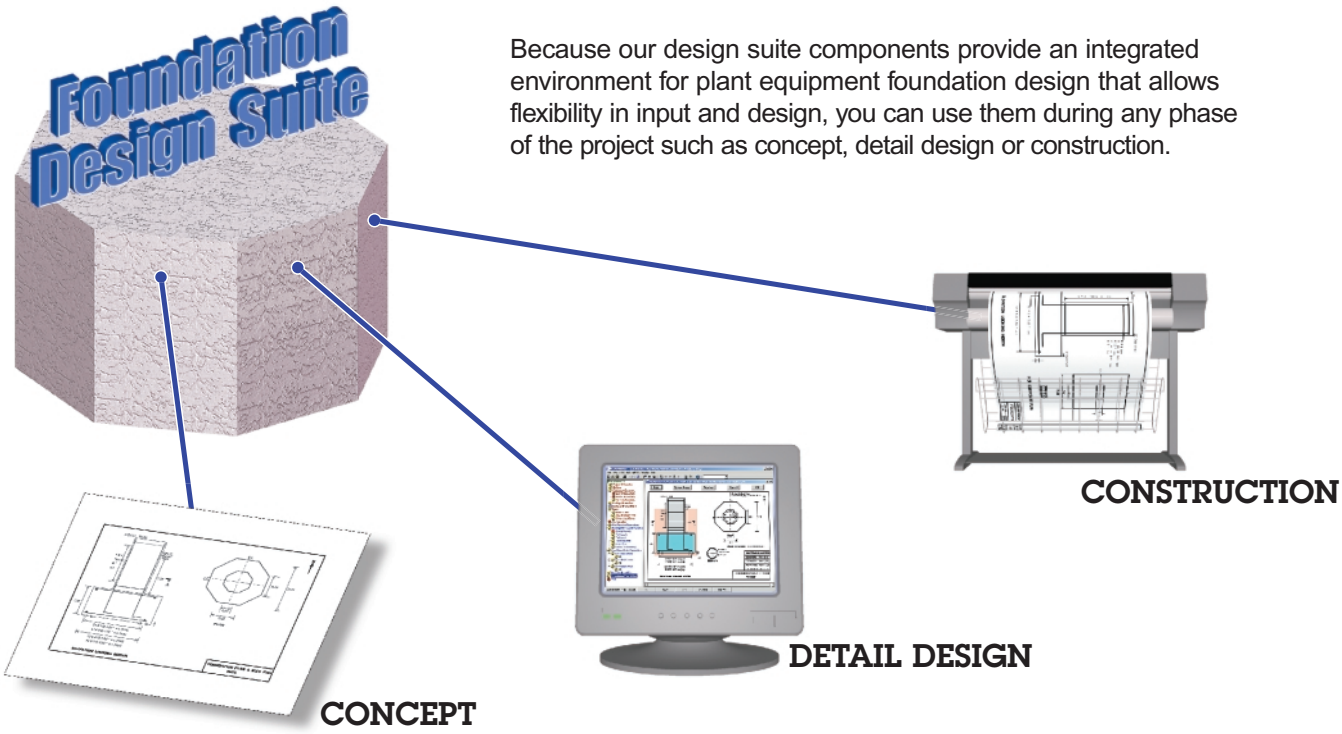



*from*
**CONCEPT**
*to*

## REDUCE PROJECT COSTS

**Dimensional Solutions, Inc.**

# Plant Design Project - Major Phases

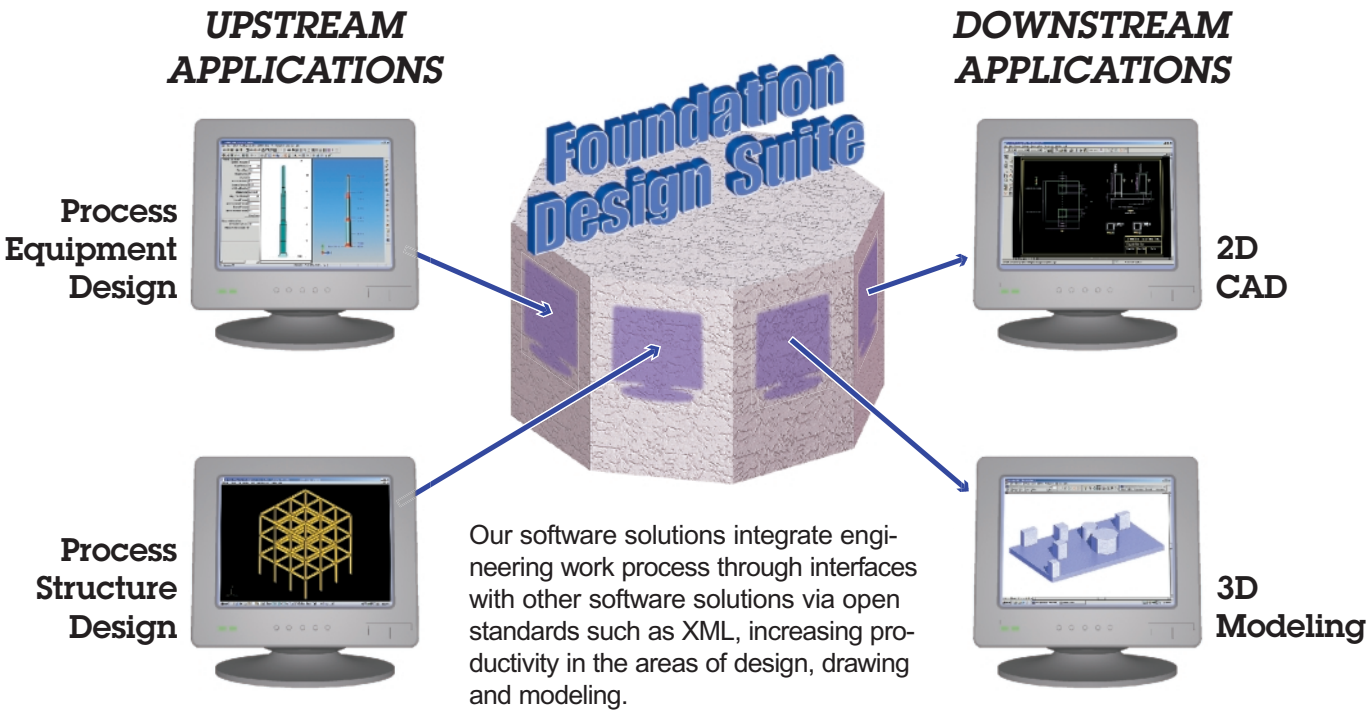



Because our design suite components provide an integrated environment for plant equipment foundation design that allows flexibility in input and design, you can use them during any phase of the project such as concept, detail design or construction.

## FUNCTIONS

- Domestic and international concrete design code support
- Automatic generation of commonly used load cases and combinations
- Soil and pile supported foundation designs in an integrated environment
- Analysis and design modes
- Various foundation components design
- Material quantity generation
- Interface to popular CAD engines for 2D drawing generation
- Interface to popular modeling applications for 3D model generation
- Multiple reporting options
- Import data from other upstream commercial software solutions

# Strategic Integration via Open Standards Interfaces




Our software solutions integrate engineering work process through interfaces with other software solutions via open standards such as XML, increasing productivity in the areas of design, drawing and modeling.

## BENEFITS

- Complete domestic and international projects according to your company or client standards
- Increase productivity by shortening design time and reducing project cost
- Optimize designs by considering “what-if” scenarios to provide cost-effective solutions
- Use the same tools for your grass-roots or revamp projects reducing total cost of ownership
- Save cost of learning multiple software solutions for various foundation components design
- Provide accurate cost estimates to your customers every time at every phase of the project
- Manage your design-drawing environment and human resources effectively
- Meet or exceed compressed project schedule requirements with constantly changing needs
- Deliver customizable reports to your clients quickly and accurately
- Eliminate manual data transfer from an upstream application for increased efficiency

# For Your Process Foundation Design Needs

**Foundation3D** — **Design Solution** for foundations supporting equipment such as exchangers, vessels, drums, towers, stacks, pipe racks

**Mat3D** — **Design Solution** for large mats supporting equipment, process structures, pump pads and other pipe, electrical or instrument supports

**Shaft3D** — **Design Solution** for piles, shafts (caissons) supporting any kind of process structure or equipment

**DSAnchor** — **Design Solution** for anchors connecting equipment or structures to foundations

## *Download a free 30-day trial version today*
## www.dimsoln.com

Dimensional Solutions is an integrated software solution provider to the civil/structural engineering market place worldwide. We develop software solutions to provide increased productivity in the areas of design, drawing and modeling.

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