

Solutions Overview



Greater Efficiency
With COADE's comprehensive, integrated solutions, you can have designers and engineers—anywhere in the world—working simultaneously, sharing information on projects, all with complete accuracy and synchronization of effort. This eliminates redundancies and reduces errors and delays, saving time and costs throughout the process.



Industry Applications:

Process Facilities

Refineries

Natural Gas

Chemical

Petrochemical

Food & Beverage

Pharmaceuticals

Semiconductors

Offshore

Power

Gas

Coal

Nuclear

Hydroelectric

Co-generation

Pipelines

Intra-plant Pipe

Transmission Lines

Buried Pipe

Structural/Buildings

Architectural

Steelwork

Equipment

HVAC

Building Services

Mining

Shipbuilding

Storage Tanks

CADWorx®

The Most Complete and Easy to Use Plant Design Suite

COADE CADWorx Plant Design Suite is an integrated, complete software series for plant design that provides intelligent drawing/database connectivity, advanced levels of automation and easy-to-use drafting tools. The comprehensive series of design tools includes structural steel, equipment, process and instrument diagrams and design review plus automatic isometrics and bills of material.

CADWorx is quick and easy to set up and use, so you can start designing right away. The bi-directional links between CADWorx and analysis programs for pipes and vessels allow designers and engineers to easily share information while keeping the drawings, models and related information always in synch as changes are made. And, the fast processing and highly refined user-interface features in CADWorx allow multiple users to work efficiently together on even the largest models.

Since its introduction, CADWorx has revolutionized the plant design industry with its ease of use, flexibility, interconnectivity and scalability.

CAESAR II®

The World Standard for Pipe Flexibility and Stress Analysis

Since its introduction in 1984, COADE CAESAR II has become the world's most widely used pipe flexibility and stress analysis software and is the program against which all others are compared. It is a complete solution that allows quick and accurate analysis of piping systems subjected to a wide variety of loads, taking into account weight, pressure, thermal, seismic and other static and dynamic conditions, based on user-defined variables and accepted industry guidelines.

CAESAR II can analyze piping systems of virtually any size or complexity, whether you are designing a new system or trouble-shooting an existing one. And, CAESAR II features the only bi-directional link between analysis and CAD design, allowing engineers and designers to share information with ease while keeping the drawing and related information in synch.

With CAESAR II, you can do more in less time and do it more accurately.

DOWNLOAD FREE PRODUCT DEMOS
www.coade.com

More Capability
COADE solutions work together to give you the power to tackle the most challenging and complex projects with greater ease and with superior results that were never before achievable.

COADE software is used by over 80% of the leading plant engineering companies and owner operators worldwide.

Our plant design and analysis solutions are easy to use, extremely flexible, totally scalable and are trusted to deliver accurate, reliable results.

PV Elite™

Vessel and Exchanger Analysis Made Simple

COADE PV Elite provides engineers, designers, estimators, fabricators and inspectors around the world with solutions that match their pressure vessel and heat exchanger design needs. Because the program is easy to learn and use, it is perfect for both regular and occasional users requiring fast start up and confidence in their safety code calculations.

PV Elite is a complete solution for the quick and intuitive design of new pressure vessels and it also evaluates and re-rates existing vessels, including Fitness for Service analysis. The program considers the whole vessel, addressing all of the wall thickness rules and stress analysis requirements for vertical towers, horizontal vessels and heat exchangers. Also, individual vessel components may be evaluated.

COADE PV Fabricator™ has advanced tools for accurate and speedy production of fabrication deliverables. And, when bi-directionally linked to PV Elite, delivers enormous savings over traditional drafting methods.

Whatever the situation, PV Elite and PV Fabricator provide results that are clear, accurate and concise.

TANK™

Accurate, Reliable Storage Tank Design and Analysis

COADE TANK is a comprehensive, easy-to-use program for the design, analysis and evaluation of welded steel oil storage tanks according to American Petroleum Institute (API) Standards 650 and 653. It provides owners, operators and engineering firms with quick and accurate designs for new tank construction and evaluation of existing tanks.

TANK provides for the design and analysis of wall and bottom plate thickness, supported cone roofs, service and maintenance considerations and other factors affecting tank design and safety such as internal pressure, shell settlement, seismic and wind. TANK saves time by letting you select material information automatically from its extensive built-in material databases. Other built-in databases include structural steel, seismic curves and nozzle curves from current and past API specifications.

Developed by engineers who deal daily with API standards and methods, TANK includes all the tools to quickly and accurately analyze, design and evaluate oil storage tanks.

Prompt, Reliable and Personalized Support

Technical Support at COADE is personal and prompt—customers have direct access to real people who respond in real time. Our technical support teams are skilled professionals with excellent product development and industry knowledge, so customers receive prompt, reliable and personal answers that help to keep them productive.

Continuous Product Development

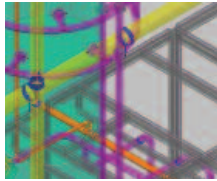
COADE keeps pace with changes in international standards and codes so that our customers are always assured of up-to-date, internationally viable output. We also monitor the industry, including new technologies, to help keep customers on the leading edge of plant design and engineering.

Expert Training

COADE provides product training at its Houston headquarters and at dealer and company sites worldwide, as well as web-based and video training. Instructors who teach the courses have used the products in real-world situations, so students gain first-hand knowledge of best practices from experts to maximize their own productivity.

Faster and Greater Payback

With COADE products, you can start designing right away. Projects are quick to set up and cost less to design, analyze, build and operate, thereby providing faster and greater returns on investment.

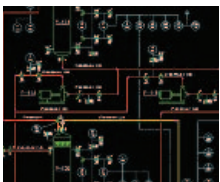


Plant Focused. Industry Driven.

COADE develops software to improve the quality, efficiency, safety and cost effectiveness of those served by plant design. For the customer using COADE solutions, this means that they not only have better designed, more reliable and safer facilities, they also optimize interoperability and collaboration and eliminate re-work.

Founded in 1984 by a team of engineers and designers, today, COADE products have become the first choice among those involved in the creation of quality plant design and engineering analysis deliverables.

COADE interacts with and listens to customers, then responds by developing new solutions and enhancing current products to address customers' needs in ways that improve their work processes. This customer-centric focus helps us to grow our product line to serve an ever broader base of users and applications, which in turn further increases opportunities for our clients to enjoy the benefits of interdisciplinary collaboration with other departments and organizations.



Worldwide Network with Local Support

COADE's software products are sold through a worldwide network of over 60 dealers covering 100 countries.

Dealers operate under a network of regional COADE Global Network Partner (CGNP) firms. CGNPs provide technical, implementation and training support for their regions and, because they know regional practices and conditions, customers benefit from accurate and timely answers that meet their exact needs.



12777 Jones Road, Suite 480
Houston, Texas 77070 USA
Phone: +1 281-890-4566
Fax: +1 281-890-3301
E-mail: sales@coade.com
Web: www.coade.com

©2009 COADE, Inc. All Rights Reserved.
COADE, CADWorx, CAESAR II, PV Elite, PV Fabricator and TANK are registered trademarks or trademarks of COADE, Inc. Other trademarks are the property of their respective owners.