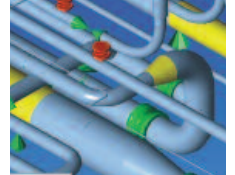


# Company Profile



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.



In real-world application, COADE products have helped reduce man-hours and costs 50% and more for designers, engineers and owner operators.

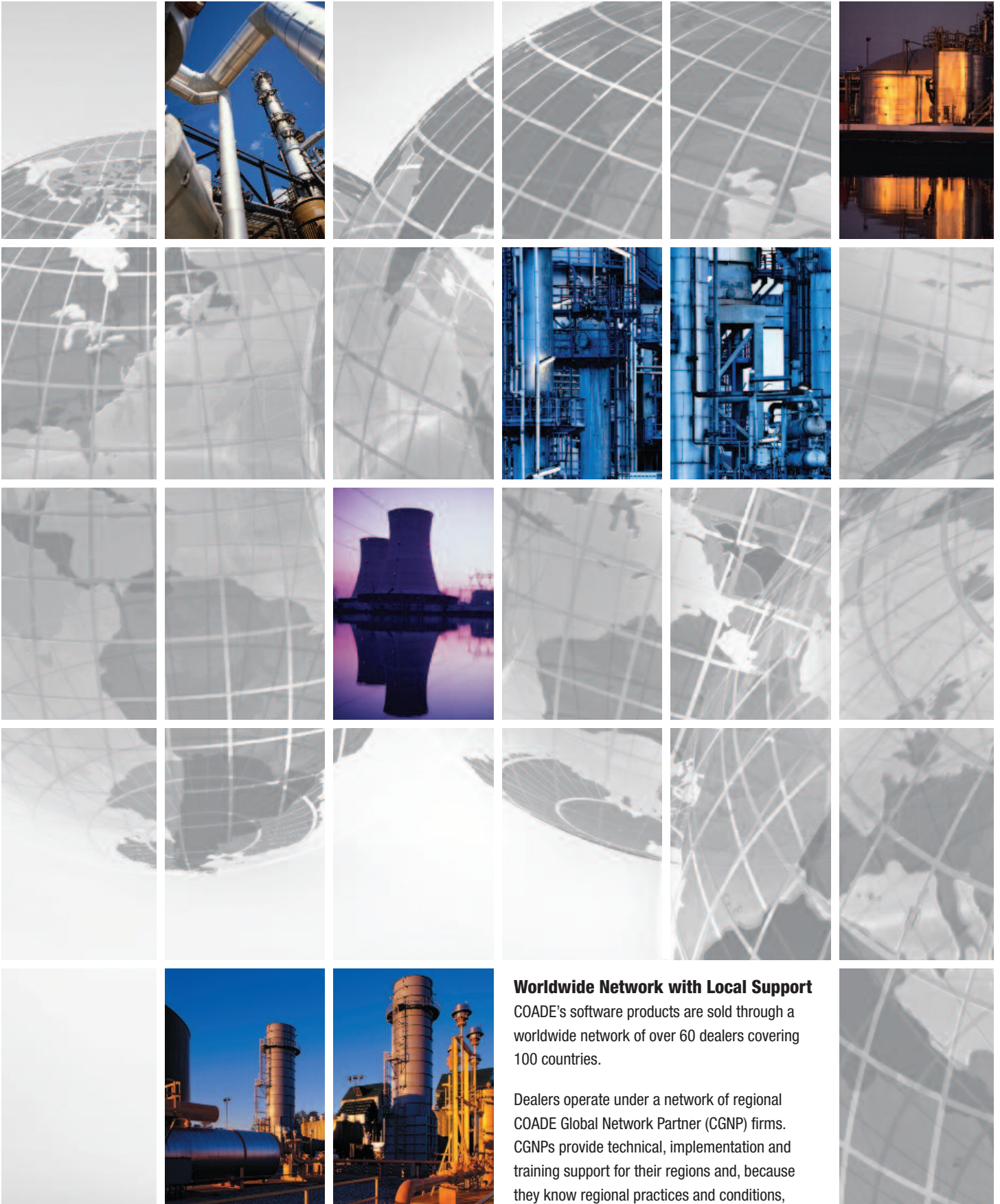
#### **Customer-centric Focus**

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.

#### **Global Product Acceptance**

Nine out of 10 of the world's major engineering firms and corporate owner operators use COADE products. They choose COADE because our products are accurate, reliable, current and easy to use. They know our products are accepted as industry standards for design and engineering, so they are assured of proven solutions that are used and accepted worldwide by their peers.

## WORLDWIDE PRESENCE



### **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.

## INDUSTRIES SERVED



### **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*

COADE offers integrated and scalable solutions that are easy to learn and use.



### **PRODUCT CATEGORIES**

***Plant Design***

***Pipe Flexibility & Stress Analysis***

***Vessel & Exchanger Analysis***

***Storage Tank Design & Analysis***

At COADE, we are continuously listening to customers to identify the daily challenges they face. At the same time, we monitor technology trends, innovations and global developments that impact our customers.

Combining this knowledge, we have developed a philosophy for product development that focuses on optimizing scalability, power, integration and collaboration. This approach has produced several firsts in plant design and engineering.

### **First World Standard in Pipe Analysis**

In the mid 1980's, COADE transformed pipe stress analysis with CAESAR II®, making what had been a primarily manual, time consuming, error-prone endeavor into a fast, easy and accurate process that saved users time and money. The PC-based program quickly swept the worldwide market, and today, the software is the world's most widely used pipe stress analysis program.

### **Automated Full Vessel Analysis**

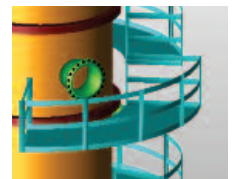
In 1995, COADE introduced pressure vessel software, PV Elite™, that offered not only analysis of individual vessel components but also automatically analyzed the full vessel under a variety of conditions according to international standards and codes. By automating this process, the product helped customers improve vessel safety and reliability while tightening the entire design process to save time and money.

### **Intelligent, 3D Design as Easy as 2D**

In 1995, COADE introduced a revolutionary plant design package called CADWorx® that was hailed as the industry's first 3D plant design solution that was as easy to learn and use as existing 2D plant design tools, while providing the powerful advantages of full intelligence and automated 3D modeling. CADWorx single-handedly transformed people who had been averse to using 3D, due to its reputation for being difficult to learn and use, into major proponents and beneficiaries of 3D plant design.

### **First Link Between Design and Analysis**

In the mid 1990's, COADE introduced the industry's first bi-directional link between CAD plant design and engineering analysis, making it possible for these groups to instantly and seamlessly collaborate. This ability to easily share information back and forth gave users the confidence that specification-driven design and analysis were always kept in synch, saving time for engineers and designers and saving their companies money.



COADE's commitment to addressing customers' needs goes far beyond developing innovative products because true productivity requires much more. Our products are kept current with international codes and standards, new technologies are leveraged to enhance productivity and products are tested for reliability, even in the most demanding situations. And, our global reach delivers technical support in each time zone to keep our customers fully operational at all times.

### **Prompt, Reliable and Personalized Support**

Technical Support at COADE gets what are probably the highest marks in the industry. Why? First of all, technical support at COADE is personal and prompt because customers have direct access to real people who respond in real time. Also, our technical support teams are skilled professionals with excellent product development and industry knowledge. So, customers receive prompt, reliable and personal answers to their technical questions that help to keep them productive.

### **Continuous Product Development and Enhancement**

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

### **Stringent Quality Assurance Standards**

COADE tests products initially and continuously in real-world applications to ensure they are consistent, dependable and accurate in actual day-to-day use. This provides the customer with a product that will work the first time and that will remain reliable on the job for the long term.

### **Training**

COADE provides product training at its Houston headquarters and at dealer and company sites worldwide. These training classes are held throughout the year. We also offer web-based and video training. Instructors who teach these courses have used the products in real-world situations, so students gain first-hand knowledge from experts. This helps them increase their levels of productivity when using COADE products.



## BUSINESS BENEFITS

By listening to customers and monitoring industry requirements, COADE delivers products that increase efficiency, reduce risk, speed payback and lower costs, even on the most challenging projects.

### **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.

### **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.

### **Reduced Risk**

COADE solutions reduce risks by ensuring designs meet stringent industry codes and global design standards. This means that facilities are safer and more reliable for workers, which for owners and operators reduces the risks associated with substandard design, system failures and regulatory violations.

### **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.

### **Lower Cost for Owners and Operators**

COADE solutions provide more efficient design processes and faster project completions. When combined with advanced levels of integration and more complete and accurate deliverables, these solutions result in facilities that come on stream earlier and are more reliable. These benefits provide long term savings in operating costs for all facility stakeholders.





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