



VIAS3D

CONSULTING | TRAINING | SOFTWARE

**FOCUS ON
STRATEGY,
LEAVE
EXECUTION
WITH
VIAS3D**

Technical Resource Augmentation Service

Enhance | Scale | Achieve



OFFERINGS



Modeling & Simulations Project Support:

Sustained assistance for regular and overflow projects, urgent needs, and dedicated support.



Onsite/Offsite Dedicated Engineering:

Flexible resource placement tailored to project needs, offering both onsite and offsite support for optimal utilization and cost efficiency.



Comprehensive Training Solutions:

From basic to advanced training, we offer industry-customized and project-specific knowledge transfer.



Methodology Development:

Advancing methods through targeted development and innovation in R&D.



Process Refinement:

Streamlining with validated workflows, optimization, and quality assurance programs.



Democratization and Expansion:

Empowering users with GUI automation, web app solutions, and 3DX workflow development for improved data management and reporting.



T&V for high fidelity numerical results:

Testing and validation to attain close resemblance with physical systems using precise material response and assuring compliance with industry standards.

VALUE PROPOSITION

Flexible Resource Allocation



VIAS3D provides dedicated resources on-site or off-site tailored to client requirements. "NO LONG-TERM COMMITMENT."

Immediate Expert Integration



Our technical resources bring relevant expertise to your team, accelerating project timelines with quality.

Design Support Across Scales



We add significant value to engineering groups of all sizes, aiding in comprehensive design and drafting work scopes.

Cost-Effective Global Expertise



Guided by US leadership, global team delivers quality solution within budget, typically achieving savings of 40-60%.

Scalable Workforce Solution



Flexibly scale up or down with short notice to meet project demands efficiently.

Co-Op Program



We hire – train on your projects – option to hire directly (Sourcing – On job professional development – resource transfer)



ENGAGEMENT AREAS



Industry SMEs



PLM Solution Architect



Material Testing Engineering

Modeling and Simulations



Structural, thermal, flow, electromagnetics (FEA, CFD, EMAG), Piping and Structural Analysis – Plant Engineering (PreFEED / FEED and Detailed Design)

Design Services



3D Design, Drafting, Piping and Harness, Engineering Costing, Electrical harness, VBA scripting, Library Creation / Population (CAD)

Scripting and Automation



Analysis Automation, Workflows, Code Development, DevOps, WebApps, Robotic Programming, Software Integrator



3DEXPERIENCE

Knowledgware, Templatization and Dashboard

Success Story

“We have been extremely satisfied with the quality work of VIAS3D in performing simulations on our smart devices. The Full-Time Engineer (FTE) was a key team member of our team assisting with both FEA and testing requirements.”

Design Manager
High-tech Company.



TAILORED ENGAGEMENT TYPE

Base Package



Workflow: Simple, excluding advanced applications.
SME Support: 5% inclusion in the package.

Intermediate Package



Workflow: Medium complexity with some advance applications.
SME Support: 10% inclusion in the package.

Advanced Package



Workflow: High complexity with extensive advance applications.
SME Support: 15% inclusion in the package.

Success Story

"VIAS3D's deep FEA expertise and understanding of simulation workflows in Oil & Gas is helping our team immensely to improve product design and to support innovation. Their Full-Time Engineer (FTE) resources with us has proven to be an invaluable asset due to their communication skills, problem-solving mindset, critical thinking skills and adherence to quality."

Engineering Manager

Global Subsea Equipment Manufacturer



WHY CHOOSE US?



Quality Assurance



Financial Efficiency



Client-Centered Leadership



Consistent Communication Framework



Commitment to Confidentiality



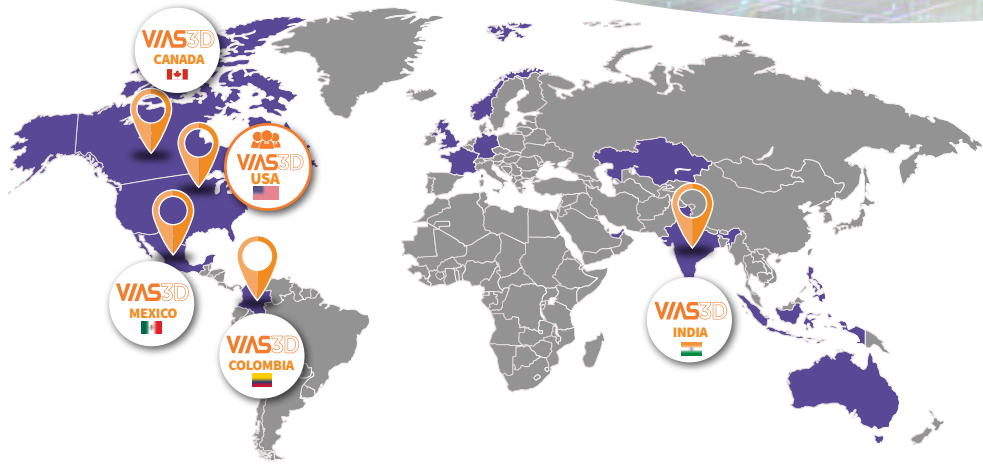
Data Security

Success Story

“Our projects had tight deadlines, and VISA3D provided the right technical resources with deep simulation knowledge, who integrated smoothly into our team. We highly recommend their Resource Augmentation Services for their professionalism, knowledge, and ability to deliver under pressure”

Engineering Director
Pipeline Engineering Firm

TRANSFORMATION LEADER IN DIGITAL ENGINEERING SOLUTIONS



HEADQUARTERS



OFFICES



OUR CLIENTS



Simulation Excellence



Client First



Efficiency



Technical Excellence



Transparent



Security



High Fidelity Solutions



Scalability & Flexibility



Excellent ROI