Support

PLM Training

Automation

Delivering Engineering Consulting, Technical Services, Education and Best in Class PLM Technology Solutions.

AscendBridge solutions inc.
Today's innovations. Tomorrow's answers.
Welcome to AscendBridge Solutions Inc.

Do you want to gain a competitive advantage, increase productivity and improve bottom line profitability?

For well over 20 years our organization has worked with companies like yours to identify which PLM solutions will facilitate these goals. Our PLM solutions are delivered by certified PLM experts with practical industry knowledge, enabling us to become one of the most recognizable Dassault vendors in North America. Our team will work closely with you and your key departments to understand your current business processes and direction. The end result will be a solution that encompasses your business needs today and your projected growth for the future.

Many of our customers have recognized AscendBridge as the leader in providing Certified education, having a knowledgeable responsive technical support team and providing a talented group of professionals proficient at building scripts and programs to automate repetitive manual tasks.

Our goal is to help companies get the most leverage out of their technology investments, supporting them through the process. Our live technical support team is always just a phone call or email away, ready to help solve issues whether big or small.

I invite you to call us at 1-888-326-TEAM. Whether you want to discuss if the Dassault product suite of offerings is the right fit for your organization or you are facing challenges getting the most benefit out of your current PLM investment. We, and our team of certified experts, look forward to working with you.

Sincerely,

Karen Crespi
Director of Marketing & Operations
SERVICES

AscendBridge’s certified application specialists provide your team with additional resources to assist in getting a project completed on time. Our team is uniquely skilled in Design, Manufacturing and Analysis domains and can participate in short or long term engagements.

Services offered range from Design Services, Simulation of Mechanisms & Kinematics Analysis, Reverse Engineering, Flat Pattern part development, CATIA V5 Solid Part, Advanced Surface and Assembly modeling, modification of existing CATIA designs, Development of Production drawings from 3D Parts and Assemblies, Conversion & Importing CAD Data to customizing CATIA V5 to adhere to company standards.

Leverage our resources to support your team in projects that require various levels of expertise. Enabling a mentoring relationship between our company and yours has proven to be a big advantage over classroom training only, as the work being performed is on real projects, therefore delivering immediate results and advancement in skills.

Work with our skilled Manufacturing resources to improve the ROI on your manufacturing software. Our skilled Manufacturing resources will review your current and future requirements to design and develop a solution to help you generate machining tool paths more efficiently and reduce your NC programming time. Integration of multi-CAD format files, flexible stock creation, NC programming automation, Tool path Macro standardization and catalogs are some of the improvements that can be seamlessly incorporated with CATIA Manufacturing solutions. Our team is well versed in programming or automation, training and end-user support for Lathe and 2 ½ through 5 axis Milling.

We have skilled Product Data Management resources that will review your requirements to design and develop a solution to centralize and secure your valuable data. Integration of multi-CAD format files, workflow automation, archiving, check-in and check-out, (tracking of who touched what and when), are some of the features that can be seamlessly incorporated with your preferred CAD solution. Our team is well versed on software installation, configuration, database modeling, programming or automation, training and end-user support.
Market forces drive customers to reduce costs while increasing productivity. Since 1989 our organization has provided experienced engineers with top application skills to clients to assist them in understanding the software to its core. Knowing the product in depth allows your engineers to engage with your customers and deliver top quality products in less time.

Our certified instructors can work side-by-side with your engineer to minimize the learning curve, allowing them to quickly realize the value of CATIA. Through this collaborative process, AscendBridge and your associates will develop Best Practices and create documentation that will be used to train other members of your staff. You will achieve better results, save time and increase efficiency. Our clients tell us that we have been instrumental in advancing CATIA knowledge within their organization.

AscendBridge delivers Excellence in Enablement. We offer education resulting in high customer satisfaction, referrals and repeat business. Our classroom setting and the Mobile Lab feature iPads for enhanced learning, laptops with 17 inch display and industry experienced certified instructors. We understand that our customers cannot always attend Instructor Led Training nor can they facilitate our Mobile Lab offering, with this in mind, we can structure web training to meet the needs of specific individual students and provide flexible scheduling.

As a certified member of the Dassault Systemes Education Partner Program we provide a wide variety of course offerings, including being a Certification Exam Center. For a complete listing please visit our website or contact us.
Utilizing the AscendBridge Mobile Training Lab provides Engineering and Human Resource departments with a cost effective training choice that provides an immersed, focused learning experience. The Mobile Training Lab allows an AscendBridge instructor to teach a maximum of 10 students at your location or at a nearby facility. Popular options can be; conference/executive centers or community college. Our Dassault Systemes certified instructors have decades of industry experience, guaranteeing your employees the highest level of training possible.

Our LAB contains powerful 64 bit laptops with a 17 inch display, teamed with interactive iPads providing each student with high resolution colour course material. This technology combination allows AscendBridge to deliver an enhanced learning experience over traditional instructional methods. AscendBridge will balance the training curriculum to meet your company’s diverse needs. We offer a multitude of courses from CATIA V5 or V6 Fundamentals, Advanced Design, Manufacturing or highly specialized courses such as; Electrical Wire Routing, Generative Structural Analysis (Linear, Non-Linear), ICEM Surf or Kinematics.

Contact us to learn how you can enable your engineering and manufacturing teams, reduce your overall training budget and receive the excellence in industry leading education. We are experts in enablement; put our knowledge to work for you today.
Since our inception we have had the pleasure and the opportunity to work with various clients throughout North America. We take pride in our ability to understand a customer’s challenge and work with them to create automated solutions enabling them to deliver to their clients a quality product within strict timelines.

Our skilled resources can work with you to review your current CATIA V5 processes and come up with suggestions on where and how we can help you automate. We take repetitive or even manual operations or calculations and write programs to perform these tasks automatically. This can dramatically reduce time spent and also reduce errors due to manual entry.

Some of the automation programs that we have created include:

- BOM management & mapping part and assembly properties to drawings or titleblocks,
- importing of points and checking tolerance,
- Capture GD&T, views or other design specs embedded in the Part or Assembly,
- Complex flange angle measurement along trim lines avoiding manual sectioning and sketching,
- Complex tank volume study reducing days of work to minutes,
- Mold Tooling optimization,
- Functional machined surface color identification, color matching and color inheritance in contextually linked parts,
- weight mass roll-up calculations of all parts in an assembly,
- complex iterations involving light path analysis.

Customers have relied on us to assist them in solving problems and creating programs or procedures to help deliver optimized & better products in reduced time. This allows them to spend the saved time on critical issues of design and focus more on product development.

We look forward progressively building on the partnerships that we have developed with our clients and showing new clients the talent that our team possesses. As software and technology change, we will strive to foster a relationship that breeds ingenuity and creates advancement.
AscendBridge Solutions maintains one of the longest running support centers in North America. Our Customer Support Center has grown to meet the changing needs and requests of our customers. AscendBridge provides different support options to meet the needs of your organization including those requirements driven by your customers. Our team will provide a quick response and work swiftly to minimize overall downtime associated to hardware or software issues. We provide on-site support, telephone and remote access support that includes, problem diagnosis troubleshooting, tracking and resolution.

Our team will work with you to install and configure license keys and software, configure systems, integrate new technology, assist in maintaining current application levels by installing new versions, service packs, and application hotfixes and proactively respond to OEM requirements and changes.

We provide these services on:
CATIA V5, V6, SIMULIA/ABAQUS, Unigraphics NX, Teamcenter client installs (GM, CHRYSLER, FORD)

We offer assistance with OEM specific offerings for data quality for example;
GM Toolkit, Q-checker, Validat etc.

Support Packages available are Comprehensive Support, Phone/Remote Access Support and Block of Hours. We are flexible to create packages that range depending on the level of outsourcing and assistance required by your company.

Access our technical support helpdesk at tech@ascendbridge.com. We are available to respond to your request 8:30 a.m. - 5:00 p.m. EST.
AscendBridge has been providing Dassault Systemes world leading solution, CATIA, to leading manufacturers since 1989.

As the industry has changed so have our offerings. We are proud to include ENOVIA SmarTeam, 3DExperience, DELMIA, 3DVIA and SIMULIA; including Abaqus, Fe-Safe and TOSCA as part of our software solutions. These Brand Applications deliver full capabilities of 3D Modeling, Content & Simulation, Social & Collaborative innovation and Information Intelligence to build the right business value for you.

Dassault has created CATIA PLM Express which can be mapped to industry and specific job functions allowing businesses to begin the process of achieving business transformation through PLM. Working with us, we can rapidly and easily define the solution that matches your business needs. CATIA PLM Express offers solutions to leverage teamwork design. Implement CATIA with what you really need and then work with us to add CATIA components as your business needs grow.

SIMULIA provides complete design-integrated simulation capabilities within the CATIA V5 design environment. Designers can use the familiar CATIA user interface to perform analysis directly on their master reference model in CATIA. Data integrity issues are avoided since there is no transfer and translation of geometry. The combined CATIA Analysis and the SIMULIA Extended Analysis product suites have been developed for designers and engineers who need to accurately size their designs and quickly evaluate their real world performance during the design phase. To access the basic nonlinear and thermal analysis capabilities included in ANL and ATH, users must first be working with Generative Part Structural Analysis (GPS), the backbone product to the CATIA V5 Analysis offering.
EXTENDING PLM

DELMIA’s Digital Manufacturing Products have been developed in collaboration with leading global manufacturers to drive production performance and innovation throughout the supply chain. The DELMIA Suite of products include products designed to meet the demanding needs of Assembly Simulation Engineers, Ergonomics Specialists, Manufacturing Managers, Manufacturing Planners, NC Programmers, Quality Engineers, Resource Engineers, Robotics Programmers, Shop Floor Workers and Supply Chain Planners.

ENOVIA enables your business to benefit from the true rewards of collaboration. ENOVIA offers a rich portfolio of collaborative enterprise business process applications, which run on the same web-based infrastructure.

Applications are organized into five user-role based segments in order to best target specific business needs — Governance user, Engineer / Designer, Supply Chain user, Reviewer and IT / Administrator. Applications include ENOVIA Accelerators which provide pre-packaged business processes by industry, enabling rapid implementation and increased ROI. Work with us to design the solution that fits your needs today while providing opportunity for growth.

As a certified reseller of the Dassault suite of offerings we have access to multiple CAA partners and their solutions, enabling us to provide a total solution to meet the ever changing needs of your business.

The Dassault offerings can be configured to meet the needs of your business today and adapted as your requirements change and grow. Allow AscendBridge to understand your current needs, address your immediate requirements and be integral part of your team to create success.
AscendBridge Solutions Inc. is a Canadian based engineering consulting, technology services, and Product Lifecycle Management solutions provider to the North American market. Committed to delivering process-centric design software, product data management, digital manufacturing solutions and proprietary programs, AscendBridge works with their clients to increase their competitiveness, productivity and bottom line. With deep industry knowledge, Dassault certified resources and a proven track record, AscendBridge can provide the right people, skills and technologies to clients to improve their performance.

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