Advanced
SOLUTIONS
SINCE 1987

Advanced Solutions
Professional Services

"To derive value from today's complex technologies, a company must identify and implement best practices, and do so in a way that fits existing business processes, skill levels and culture."

A Family of Technology Companies with a Passion to Innovate

Advanced Solutions, Inc. was founded in 1987. The company has 14 branch locations with its corporate office located in Louisville, KY.

www.AdvancedSolutions.com
1-877-GET-ASI-1

Company Information

Advanced Solutions, Inc. and its subsidiaries operate as a diversified technology company providing integrated software solutions and services allowing businesses to achieve more effective products, processes, technologies and ideas.

We are passionate about leveraging technology to improve business processes, product quality and customer satisfaction. Our skilled teams help our clients gain a competitive advantage by recommending, implementing and customizing solutions that lead to increased revenues, reduced operating costs, and improved efficiencies.

The Advanced Solutions, Inc. family of companies includes:

• **Advanced Solutions Design Software** - *A full-service Autodesk Platinum Partner*

• **Advanced Solutions Life Sciences** - *3D bio-printing technology for the biomedical industry*

• **Advanced Solutions Product Lifecycle Management** - *Solutions to manage processes, projects and people*

• **Advanced Solutions Visual Collaboration Systems** - *Touch screen & mobile collaboration technology*

• **ids Engineering** - *Custom software development*

• **Xpedient** - *Self-serve touch screen kiosk applications*

Advanced SOLUTIONS — DESIGN SOFTWARE

Advanced SOLUTIONS — PRODUCT LIFECYCLE MANAGEMENT

Xpedient kiosk software solutions

Advanced SOLUTIONS — LIFE SCIENCES

Advanced SOLUTIONS — VISUAL COLLABORATION SYSTEMS

ids engineering

Our Approach

Advanced Solutions provides training, consulting and software development services to help its clients optimally adopt technology into their organizations. We focus on desired business outcomes, developing an understanding of what our clients are trying to achieve and then providing the tools and resources they need to achieve success.

Cost savings
Improved workflows
Better communication
Higher quality
Increased utilization

Core Capabilities

- *Deep subject matter expertise* with design process technologies and industry best practices

- *Ability to evaluate business impact with Industrial Engineering **workflow process mapping** and **simulation** capabilities*

- *Top-class **software engineering capability** to implement software customizations and automation*

Achieving Your Business Goals

ASI Bluepoint.Services

Rather than leading with a demonstration of technology capabilities, Advanced Solutions first seeks to understand your unique business needs. We then recommend and implement technology solutions in response to those needs.

Bluepoint.
Services™

Exclusively from Advanced Solutions

The ASI Bluepoint.Services Process :

Project Overview
Understand the project and its requirements

Conduct PNA
Identify skills and capabilities that drive project success

Develop Support Plan
Create plan to augment project team expertise

Deliver Contribution
Contribute to the project by driving best practices

"Begin with the End in Mind." Stephen R. Covey

Consulting Services

- **Bluepoint Process Assessment** – A Business Process Assessment (BPA) is a confidential review which helps Advanced Solutions understand a firm's current business, design systems, processes and challenges. It defines specific business outcomes, identifies metrics, develops a roadmap for implementing process change, and facilitates the adoption of change within an organization.

- **Collaboration Systems** – As is an authorized SMART® Technologies reseller we work with clients to implement the latest audio, video, touch, and screen sharing technology to improve meetings, enhance productivity, and reduce costs.

- **Content Development** – The incredible growth of parametric intelligence within our design industries has raised the level of design and, in turn, the information provided to communicate design intent. Our industry experts will assist you in developing content incorporating your required design information, whether data or model-based, and responding to the proper codes, specifications and requirements.

- **Data Management** – Organize, manage, and track data creation, simulation, and documentation processes for design and engineering workgroups. Get control over design data, keep information secure and improve productivity with data management.

- **Engineering Automation** – Our industry experts specialize in helping our customers automate point-of-sale order and bid processes by providing easy-to-use tools for capturing the business and engineering rules for your product portfolio, enabling teams to provide faster, more cost-effective product delivery.

- **Health Checks** – A Health Check is designed to serve as a "checkup" once your software implementation is complete. It helps ensure that the implementation process results in long term success and improved productivity for you.

- **Lifecycle BIM** - For building owners seeking to improve facilities management, Lifecycle BIM is a comprehensive solution that incorporates industry leading building design, GIS, data management, and facility management software into best practice workflows to enhance communication, increase efficiency, and reduce costs.

- **PLM Implementation** -As an Autodesk PLM 360 Advisor, we are recognized as a trusted partner to design implement, integrate and support the Autodesk PLM 360 software platform.

- **Software Implementation** - Our Software Implementation services are aimed at an efficient installation of your Autodesk software product, configured to your company's needs and specifications.

- **Trusted Advisor** – The Trusted Advisor program provides ongoing access to skilled expertise at a low monthly cost. Firms benefit from industry best practice leaders across range of key competencies, without the expense of hiring a full-time resource.

- **Warehouse Slotting** – Our slotting experts are skilled at designing and optimizing space to reduce operating costs for warehouses and distribution centers. Slotting services include Slot3D™ software implementation, training, data analysis and import, slotting analysis, customized reporting and data extraction.

- **Workflow Simulation** – Using the power of Simulation Advanced Solutions can demonstrate, predict and measure workflow strategies for optimal performance. Simulation can protect your business by analyzing the impact of new, "what-if" business ideas, rules, and strategies before implementation on live customers.

Advanced Solutions Consulting Services are customized to meet the specific business and project needs of clients across multiple industries.

Training Services

Training can mean the difference between performing at minimal competency levels vs. becoming a highly productive skills master.

Continuing Education Units

Advanced Solutions is accredited to provide Continuing Education Units (CEUs) for all of our training offerings.

Training plays a critical role in maximizing job performance throughout an employee's working life. An investment in training leads to key improvements in capabilities, capacity and job performance, while reducing labor costs, error rates and project completion times.

Advanced Solutions adheres to training development and delivery processes that have been benchmarked against the rigorous ANSI Standards for Continuing Education and Training, representing our commitment to offering best in class training solutions for our clients.

Training

Offerings

º **Custom Training** – Designed to meet a client's needs, skill levels, schedule limitations and budgetary constraints

º **CAD Club** – An annual training membership program providing unlimited access to live, online training, e-learning, and special training material discounts.

Basic CAD Club – 12-month access to all PILOT classes, discounts on training courseware and Autodesk Certification exams

Platinum CAD Club – Benefits of Basic CAD Club plus unlimited access to eLearn & Improve e-learning courses and deeper discounts on training courseware and Certification exams

Enterprise CAD Club – Benefits of Platinum CAD Club with access provided to an unlimited number of employees within a company

º **PILOT** *(Professional Instructor Live Online Training)* – Live instructors delivering Autodesk certified curricula conveniently to your computer in small, personalized class settings

º **eLearn & Improve** – Our e-learning system allows you to create customized curriculum, learn at your convenience, monitor course completion and track skills retention. Each self-guided course includes lecture videos, software demos and self-assessment quizzes.

º **Autodesk Certification** – Validate your Autodesk skills by taking an Autodesk Certification exam at one of our Autodesk Authorized Training Centers

Beginner | eLearn & Improve™ | PILOT™ (Professional Instructor Live Online Training) | Custom Training curriculum | **Advanced**

Software Development Services

If you need a simple plug-in or a complex software integration, we have the software engineering and development expertise to create a workable solution for you.

Advanced Solutions works closely with clients to enhance software capabilities by creating custom extensions, automations, and plug-ins which integrate with internal systems. As an Autodesk Authorized OEM Partner and Microsoft Certified Partner, we offer custom software solutions covering a wide range of applications.

Software Development

Examples

º **Configurators** – 3D CAD configurators developed to automatically configure drawings

º **Data Extraction** – Extract and convert data into useful formats, such as Microsoft Excel, databases (SQL, Access, Oracle), XML, or simple delimited data files (.csv)

º **Data Analysis** – Analyze data in an existing CAD model or interact with users inside the CAD model to extract additional data

º **Workflow Automation** – Improve workflow by automating repetitive tasks, such as manual data entry

º **Data Migration** – Automate repetitive tasks, such as updating drawing title blocks or changing attribute data on a large set of drawings