



## Services

You have complete documentation services and technical expertise available to you, for instance:

- Beta testing and usability testing
- Computer-aided engineering and design
- Desktop publishing and technical illustrations, diagrams, photographs and charts
- Document design and style guides
- Grant seeking and proposal writing
- Project management, ex: scheduling, budgeting and coordinating
- Research through electronic and library resources plus interviews with developers and engineers
- Regulatory affairs and CE marking
- Single-source and multiple media publishing (re-purposing)
- Writing and editing

## Media

With the services and expertise available to you, you can have reader-centered documentation, such as:

- Installation manuals
- Internet and intranet sites
- Labeling, ex: package inserts, instructions for use
- Online documentation (ex: WinHelp, HTML help)
- Operation and maintenance (O&M) manuals
- Procedure manuals
- Proposals and grant applications
- Submissions
- Technical papers, articles, reports and books
- Technical specifications
- Training and presentations
- User guides and instruction manuals

## Subjects

Take advantage of mechanical engineering, mathematical, and computer expertise applied to biomedical engineering, software, technology and science subject areas including:

- Artificial intelligence and expert systems
- Artificial organs
- Biomechanics
- Cardiovascular devices
- Cellular imaging
- Computer-assisted surgical devices
- Disposables and surgical instruments
- Energy
- Engineering software
- Laboratory equipment
- Mathematical models
- Medical informatics
- Medical software
- Prostheses
- Robotics and automation
- Therapeutic and rehabilitation devices
- Thermodynamics and fluids

## Tools

Your project needs can be supported with proficiency in Windows software and their DOS, UNIX or Mac equivalent, for example:

- Documentation and graphics — FrameMaker, MS Word, WordPerfect, Interleaf, PageMaker, Adobe Acrobat, CorelDRAW, PaintShop Pro, RoboHELP (WinHelp and HTML Help), Dreamweaver, HomeSite, FrontPage, Webworks Publisher, Visio
- Technical and project management — AutoCAD, Pro/ENGINEER, ANSYS, ALGOR, MathCAD, TKSolver, Lotus 123, Quatro Pro, MS Excel, MS Access and MS Project
- Computer languages and expert systems — HTML, Modula-2, Ada, FORTRAN, C, Basic, OPS5, OPS83

## About Biomed Ink

Biomed Ink is a division of Integral Solutions which was founded by J. S. Kocar in 1992. Ms. Kocar holds both mechanical engineering and mathematics degrees from Columbia University, and performed postgraduate research at Carnegie Mellon University.

She combines 11 years of engineering experience with technical documentation skills and is an active member of the following organizations.

- American Medical Writers Association
- American Society of Mechanical Engineers (ASME), life member  
ASME Pittsburgh 2001-2002 Chair
- Pittsburgh Technology Council
- Regulatory Affairs Professionals Society
- Society for Technical Communication
- Society of Women Engineers

## Company List

Company list includes:

- ABB Inc.
- ANSYS
- Bonecraft
- Carnegie Mellon University
- CASurgica
- Cellomics
- Four Rivers Software Systems
- General Electric
- Innovex Technologies
- Institute for Computer-Assisted Orthopaedic Surgery (ICAOS)
- Nipro Diabetes Systems
- PHT Inc.
- Respirationics
- TissueInformatics.Inc
- Westinghouse

## Testimonials

*"I want to thank you for the excellent user's guide you created for our analysis software. It is well structured, clear and succinct and has the look and feel of a modern Windows document. The format you created is easy to read. The outline is logical and quite appropriate for our product. The content is complete and well written. Your mechanical engineering experience allowed you to understand the product quickly, be self-sufficient and to ask good questions. Your technical knowledge combined with your writing skills produced a high quality result with a minimum amount of effort on my part. Thanks for all your good work. The final product exceeded my expectations." S. Johnson, ABB Automation ETSI.*

*"Joy works with Four Rivers Software on our paper and on-line documentation. These projects require skills in design, advanced word processing, proof reading, help system creation, and graphics manipulation. Joy helped create the overall documentation strategy and then implemented the first several stages. She met her deadlines and consistently delivered high quality results." H. Wilde, President, Four Rivers Software Systems, Inc.*

*"J. S. Kocar joined our team on a task that needed knowledge of several different areas. She learned our product, worked unsupported for two and a half months, and helped us meet our schedule. She was a valued team member, self-motivated, and it would be no overstatement to say, without her help and hard work, we could not have finished the project on time." V. F. Bayani, Project Manager, ANSYS Inc.*

*"As the manager of Program Customizations at ANSYS, I have many projects that have very tight deadlines. On more than one occasion J. S. Kocar has helped me achieve my goals. Her professional attitude and attention to details helped us deliver our products on time." J. Crunick, Manager, ANSYS Inc.*

*"J. S. Kocar performed complex thermal hydraulic design and analysis, including dynamic analyses. She performed these duties in a professional and competent manner, normally associated with a more senior engineer." C. E. Boardman, Manager, General Electric*

*"J. S. Kocar was a capable leader who planned, developed, and managed complex engineering activities to support [our] program. Her technical contributions and programmatic skills were always admirable and proactive, and her commitment to complete customer satisfaction was indisputable." M. M. Hui, Project Leader, General Electric*

*"J. S. Kocar has the expertise to solve difficult engineering problems as well as the organizational and people skills necessary to lead project teams to success. She [is] an asset to any engineering program." M. H. Cooper, Research Professor, University of Pittsburgh, and Westinghouse (retired)*

*"We are very pleased with [Joy's] professional contributions, excellent attitude and cooperative spirit which have made a difference in our ability to provide the engineering support needed. ... We have no hesitancy in highly recommending her performance as excellent." R. R. Holman, Westinghouse (retired)*