



O'NEIL > VISUALIZING BETTER SOLUTIONS

Clear, easy-to-follow technical illustrations play a vital role in your product support literature. The experienced illustrators at O'Neil team with our technical writers and parts catalogers to achieve accuracy and consistency between visual and textual stories – whether in a stand-alone document or across all volumes of a manual set. The result is a reduction in critical repair time and cost for your clients.

Our award-winning illustrators produce all types of technical illustrations, including animations used in training and e-learning, interactive animated schematics, and intelligent illustration graphics that carry parts identification metadata from engineering files through the illustration into parts lists. Through a range of tools and services, our technical illustrators can help you visualize better solutions.

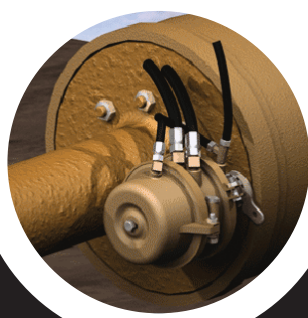
>> MODERN APPLICATION OF TRADITIONAL TECHNICAL ILLUSTRATION

O'Neil technical illustrators have the hands-on experience to understand difficult engineering data and the components they illustrate. They bring strong backgrounds as engineers, technicians, and graphic designers to their work. O'Neil has a rich history in producing isometric exploded-view illustrations, photo tracings for maintenance and “how to” instructions, color renderings, and cutaway views. Produced in a variety of file types, these illustrations populate operator's manuals, repair manuals, parts manuals, proposals, advertisements, PowerPoint presentations, technical bulletins, owner's manuals, installation guides, and a wide array of other publications.



O'NEIL SOLUTIONS SUITE

O'Neil applies a process-centric approach to our integrated product support. This approach combines our key assets to provide solutions that are centered on your business needs with the extensibility to evolve and engage your future vision. By supporting your business needs and processes with proven technology from our suite of solutions – content development, visualization, e-learning, and ETMs and IETMs – you are assured that cost-effective, on-target, and extensible solutions will be implemented rapidly and effectively.





## ILLUSTRATION TOOLS

Whether moving from platform to platform, from person to person, or just growing obsolete with time, legacy illustrations can create challenges in the accuracy and effectiveness of your documentation. O'Neil has the illustration tools and experience to handle nearly every form of illustration file:

- > IsoDraw
- > Active CGM Author
- > Auto-trol
- > CorelDraw
- > Corel Designer Professional SG
- > Adobe Illustrator
- > Adobe Photoshop
- > Mondello (formerly InterCAP) 8.00
- > CADProcess
- > MAYA
- > Flash
- > Authorware
- > AutoCAD
- > Pro/E
- > Solidworks
- > Teamcenter
- > VIS Mockup

## >> CONVERSION OF LEGACY ILLUSTRATION GRAPHICS

Loss of integrity and data are challenges common to the conversion of legacy graphics. When software becomes obsolete, proprietary file types can wreak havoc. But, there are methods for conversion if you have the right tools and the right people. O'Neil has made the effective handling of conversion work a core competency, and we're ready to share our expertise with you. We begin by cleaning up and enhancing existing legacy content. We then address file composition issues like archaic or proprietary files, tangency of lines and arcs, layers, and groupings. Finally, we identify challenges that may require complete reconstruction for correction and consult with our clients to determine whether such a correction will offer them the best return on investment.

## >> INTERACTIVE TECHNICAL ILLUSTRATIONS

With the constant changes in computer-based delivery of technical documentation, the role of the technical illustrator is always changing. At O'Neil, we've set ourselves apart in our industry by recognizing that while the needs of clients and the technologies supporting them evolve over time, the foundation principles of solid technical illustration do not.

O'Neil illustrators are skilled in the use of Macromedia Flash, Macromedia Authorware, MAYA, and Solidworks Animation Module. Our narrative text and parts lists create a highly user-friendly electronic documentation package whose parts can be manipulated through coding. Our technical illustration team creates Scalable Vector Graphics (SVG) and CGM files for use in SGML, HTML, and XML environments. And, our technical animation communicates technical principles that transcend any language barriers.

## DOCUMENTING SUCCESS

**>> O'NEIL & ASSOCIATES IS CHANGING THE WAY CUSTOMERS THINK ABOUT DOCUMENTATION. FROM IETMS AND INTRUSIVE DIAGNOSTICS TO INTEROPERABLE WEB-BASED SYSTEMS LINKED TO ERP DATA, WE'RE PUTTING POWER IN YOUR PRODUCT SUPPORT — FROM DESIGN CONCEPT TO REALITY!**