



Interactive Electronic Technical Manuals

Next Gen Documentation for
Engineering & Manufacturing

Technical documentation is all about making content accessible. Whether it's a new product, service, or maintenance procedure, you need to communicate this information effectively.

**Accessible | Visual | Searchable | Interactive | Point-of-Need
Procedures | Troubleshooting | Maintenance**

Interactive Electronic Technical Manuals (IETMs) are the next generation of technical documentation - enabling critical information to be available on all devices from desktops, laptops, tablets and smart phones.

Our IETMs are fully responsive HTML5 products, often packaged as an App. They can be accessed through any browser, and incorporate features such as videos, animations and Augmented Reality (AR) to simplify complex instructions or procedures.

Information is more digestible, easier to understand, and essentially helps operators perform their jobs more effectively, reducing mistakes and fault diagnosis times.

We work with clients to create IETMs from scratch or to help transition existing technical documentation into this more dynamic format.

••• Making the Complex **Simple**

Our technical writers understand the importance of concise, short documentation, and use a task-based, plain language style. They extract and consume large volumes of source data, distilling it into accessible and structured content; working with a range of experienced engineers, illustrators, animators, videographers and software developers to make the complex simple.



Why use IETMs?

- Fully Responsive HTML5
- Mobile Enabled Apps
- Accessible, Visual, Searchable Content
- Delivers Critical Information at Point-of-Need
- Interactive Animations, Videos and Augmented Reality
- Reduce Fault Diagnosis Times
- Increase Efficiency and Reduce Mistakes

IETMs at a Glance

- Installation and Test Guides
- Operation User Guides
- First and Second Line Maintenance
- Testing and Simulation
- Equipment Description Guides
- Quick Start Guides
- Progressive Web Apps
- Microsoft, Android, Adobe, Open Source

Our Services

Our experienced teams use a wealth of best practices to create leading-edge IETMs. We provide the following:

- On-site Personnel
- Technical Writers and Illustrators
- Copy Editors and QA
- Information Management
- Learning Architecture Design
- Mobile and Cloud Deployment
- Augmented Reality Integrated Documentation

Industries

Rail | Energy | Marine | Automotive | Aerospace

Rail Automation Case Study

We worked with a leading rail technology client to create technical documentation for both analogue and digital delivery. From control center technologies to complex trackside interlockings, rail maintenance spans many skill sets. In supporting the client's rail maintenance team and operators, our technical documentation process began working with both hardware and software design engineers within R&D.

System and equipment design data was collated, processed, then applied and documented through physical use of the subject (hardware, software, simulation or testing). This iterative process created documentation that goes beyond product description, it also teaches operation and maintenance.

We worked with the client to transition their printed technical publications to a digital format (IETM) Single source authoring allowed a seamless flow of data, bringing text based procedures to life with interactive content and video.

Mobile digital formats have given field staff direct access to information at the point-of-need, efficiently streamlining rail mobility product support and maintenance.

• • • For more information about our **Interactive Electronic Technical Manuals**, please visit www.gpstrategies.com



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