



Note: This is the copy from one of a B2B professional services firm's solution marketing web pages. The full page was originally published at <https://www.gpstrategies.com/technical-training/technical-documentation>.

Comprehensive Technical Documentation Services

Align and improve your organization's performance.

Strong Technical Documentation for Safety and Efficiency

Building a culture of safety, quality, and productivity is critical for industrial and technical organizations. The foundation for this culture is robust technical documentation that aligns people, processes, and technology.

Strong documentation—whether it's user manuals, job aids, system descriptions, diagrams, or video walkthroughs—provides a consistent frame of reference for your people throughout the organization. It clearly communicates your needs and expectations and gives your workforce their best chance for high performance.

Our Documentation Improvement Strategy

Drawing on nearly 60 years of industrial and commercial experience, GP Strategies uses proven best practices and innovative approaches side by side to create and update technical documentation that reduces risk, improves safety and efficiency, and maintains regulatory compliance. We can help you improve the quality of existing documentation or implement new systems that streamline your processes and reduce errors.

It all begins with two questions:

1. What are your people doing now?
2. What do you want your people to be able to do?

Technical Documentation for Specific Applications

When you partner with GP Strategies, we assess, organize, analyze, and communicate your critical information in clear formats for optimized and personalized procedures, work instructions, manuals, and more. We'll create documentation specific to your organization, your facilities, and your teams.

From training exercises and drills to operational and equipment reference information, we can develop, design, and revise documentation such as:

- Job task analyses and procedures
- Instruction manuals and equipment user guides
- Process description manuals
- Unit-specific troubleshooting exercises and schematics
- Control diagrams
- On-the-job training guides
- Training lab procedures
- Emergency response matrices and procedures
- Startup and shutdown procedures
- Technical document standardization

Putting Your Technical Documents into Practice

Technical documents themselves are not the beginning or the end of a successful performance improvement process. That's why our role isn't limited to documentation alone. As a global leader in business transformation, we provide the solutions you need to solidify your success.

Accessible Practical Information

Critical information should be readily available at the moment of need and in a format that reduces friction for end users. This results in better compliance rates and stronger performance. We can help you distribute finished documentation in engaging and efficient ways, whether that's printed content with static diagrams or interactive multimedia and augmented reality (AR) modules.

Expert Technical Consultants

Our specialized and experienced technical documentation consultants can help your workers adapt to new processes or equipment, streamline their instrumentation training, or maximize their production workflow. We'll work to understand and assess your unique situation, then help you to identify efficiency gaps and propose specific and meaningful solutions.

Effective Change Management

Whether your technical documentation program involves standardizing a new workflow or requiring a team to train on new equipment, you are asking your people to adapt to change. Without a well-planned change management program, your organization can't realize the full potential offered by your new technical documentation. We can design, develop, and help you execute a significant evolution within your organization.

Measurable Performance Improvement

New technical documentation is only as successful as your ability to demonstrate a measurable improvement. Quantifiable results are not only crucial to evaluating success, but they also can unlock the willingness—and the budget—to launch future advancement projects. We understand your industry and have the specific expertise to produce a return-on-investment study that proves the value of your efforts.

We work with you and your stakeholders before, during, and after the technical documentation process to devise a rubric for success, identify the optimal key performance indicators, and capture performance data for tailored reporting. The results are a documentation initiative better designed to meet your business objectives and a rock-solid business case with real-world data that proves organizational impact.

Frequently Asked Questions

What is technical documentation?

Technical documentation provides essential guidance for operating, maintaining, and troubleshooting equipment and systems in industrial environments. Some examples are manuals, procedures, diagrams, and assessments that ensure clarity and consistency in every process.

Why is technical documentation essential for industrial success?

It ensures safety, compliance, and efficiency by standardizing processes, supporting training, and reducing downtime. A [technical documentation specialist](#) can tailor clear, accurate materials to meet your specific needs.

What types of technical documentation are used in industrial facilities?

Industrial operations rely on various documentation types, including:

- Operation and Maintenance Manuals: For daily use and troubleshooting.
- Standard Operating Procedures (SOPs): Ensure consistent performance.
- Process Flow Diagrams: Visualize workflows for better adherence.
- Safety and Emergency Response Procedures: Support workplace safety.
- Technical Drawings and Schematics: Offer detailed insights into equipment and systems.

By combining these, facilities achieve greater efficiency and safety.

What are the benefits of well-developed technical documentation?

Well-crafted technical documentation drives measurable outcomes, including:

- Improved Safety and Compliance: Adhere to industry standards and regulations.
- Increased Productivity: Standardized processes reduce errors and bolster efficiency.
- Cost Avoidance: Reduce downtime and lower maintenance expenses.
- Streamlined Training: Ensure consistent onboarding experiences and employee performance.

Investing in clear, concise documentation helps an organization meet its business objectives.