Technical Publications

Lionbridge offers a highly skilled team of technical publication and illustration specialists with a variety of technical, writing, and illustration experiences. Lionbridge is rapidly becoming a leader in the development of technical publications.

Our team takes raw engineering data, engineering drawings, pencil drawings, service bulletins and advanced engineering memorandums and develops them into documents that can be understood internationally. All the documents Lionbridge produces are technically accurate and conform to industry and government requirements, while meeting the customers’ style and format standards. The numbers and skill sets employed provide a single, unified source for logistics solutions. All work is performed by Lionbridge employees.

Manuals can be prepared in traditional chapter/section arrangement or work package arrangement. We are also capable of authoring in XML for use in non-linear electronic technical manual arrangements, such as EMS Next Generation or S1000D. We are able to comply with MIL requirements or commercial formats.

Illustrators create new illustrations from photos, engineering drawings, paper sources, 2-D CAD or 3-D models. The illustrators are able to generate bit-map raster art, vector graphics, interactive art, or animated models. Output types include assembled view isometric, exploded view trimetric, flat view, photographs, block diagrams, schematic diagrams, and wiring diagrams. These can be generated in numerous output formats (such as .dwg, .iso, .tiff, .svg, .png, .jpg, .pdf) based on requirements.

Lionbridge possesses Paper Publishing/Electronic Publishing/Interactive Electronic Technical Manuals (IETM) capabilities to include: traditional paper output, electronic presentation for Adobe viewer, web browser or unique presentation style sheet, HTML; SGML; XML; PDF; native or final format outputs. We comply with MIL requirements 38784, 38807, 40051, 2361, 3001, 1221, S1000D, ATA100, and we are functionally competent with EMS Next Generation.

The Commercial Manual Evaluation/Upgrade ability provides analysis to determine if existing commercial technical manuals contain required data elements in accordance with MIL HDBK 1221, Evaluation of Commercial Off-The-Shelf Manuals. We can update commercial manuals through use of supplemental information, difference data sheets, or re-write the manual to military specifications.
Provisioning

Lionbridge offers a highly skilled team of provisioning specialists. Our team takes engineering data, engineering drawings, and vendor source data and creates MIL Spec compliant databases that are capable of producing the outputs listed below. All the documents Lionbridge produces are technically accurate and conform to industry and government requirements while meeting the customers’ style and format standards. Data inputs are created, according to MIL-PRF-49506, using Microsoft Excel or PowerLog.

Outputs include:
• Provisioning Parts Lists (PPL) • Engineering Data For Provisioning (EDFP)
• Source File Maintenance (DCNs) • Illustrated Repair Parts Manuals (IPBs and RPSTLs)
• Long Lead Items List (LLIL) • Source Maintainability & Recoverability (SMR) Coding Screening
• Recommended Spare Parts List (RSPL)

Training

Lionbridge’s Training personnel possess a diversified range of training experience. Our training capability, in terms of product support training, covers such diverse subject matter areas as: Material Handling Systems, Electronic Surveillance Systems, HVAC, Power Generation and Control Systems, and Automatic Test Equipment.

Since Instructional Systems Design (ISD), or Criterion Referenced Instruction (CRI), is the methodology of our approach to training, Lionbridge can design, develop and produce training for a variety of clients on many subjects. Lionbridge can output to ASAT (Automated Systems Approach to Training) for the US Army, AIM (Authoring Instructional Material) for the US Navy, or to a tailored output specification. Our training capability in terms of delivery systems includes the following: Platform or Formal Classroom Instruction, On the Job Training, or Performance Based Training.

Our approach to training is based on a thorough analysis of the specific job, the tasks comprising the job, and the student. All the relevant materials are reviewed to examine the skills and knowledge a student will need to successfully perform as a competent technician or operator. Our training is derived from what an individual must be able to do or know, a criterion or standard with which to measure the accomplishment of the stated objectives, and is geared to superior and efficient job performance.

Logistics Engineering

Lionbridge’s Logistics Engineers offer a wide range of both technical and economic analytic support services and products. Life Cycle Cost and Repair Level Analysis models, such as CASA and Compass, are available and supported across desktop computers; offering portability and flexibility to our customers. Output reports can be tailored to the specific needs of a particular command or installation.

Our Logistics Engineering group has 20 years of experience conducting Logistics Support Analysis (LSA) for a wide range of products across all branches of the military, both US and foreign. The LSA include: providing logistics design influence, feasibility studies, maintenance concept definition, repair level analysis, operation and maintenance task analysis, identification of tools and support equipment, repair parts, spares modeling, and maintenance data collection.

Lionbridge enables more than 800 world-leading brands to increase international market share, speed adoption of products and effectively engage their customers in local markets worldwide. Using our innovative cloud technology platforms and our global crowd of more than 100,000 professional cloud workers, we provide translation, online marketing, global content management and application testing solutions that ensure global brand consistency, local relevancy and technical usability across all touch points of the customer lifecycle. Based in Waltham, Mass., Lionbridge maintains solution centers in 26 countries. To learn more, visit http://www.lionbridge.com.