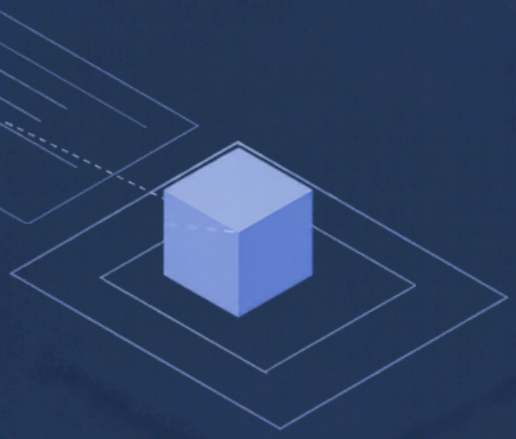
Pentecom
Experience. Expertise. Excellence.

Precision Documentation. Full-Spectrum Technical Illustration.



- Documentation that evolves with engineering updates.
- Accelerate repairs, decrease risk and advance sustainment efforts.
- Modernize technical diagrams and graphic libraries.
- Validate, cleanup, and standardize data
- Solutions built for durability, compliance and lifecycle performance.

Problem

Outdated documentation and inaccurate illustrations delay repairs, increase risk, impact readiness, and hinder sustainment efforts.

Solution

Pentecom's technical writing and illustration team specializes in converting, modernizing, and sustaining technical data, including art and graphic libraries while preserving intent and configuration integrity.

Let's accelerate repairs, decrease risk and advance your sustainment efforts.

Contact us today at info@pentecom.com.
Pentecom is your documentation partner.

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Technical Publications

High-quality S1000D-compliant technical publications and visual content.

Turning outdated content into cutting edge technical data & graphics.



How Pentecom Can Help

Our standards-compliant documentation solutions evolve with engineering updates, modernization efforts, and fleet lifecycle demands, ensuring your maintainers always have the right information at the right time.

We specialize in converting legacy data to current specifications and transforming data into Interactive Electronic Technical Manuals (IETMs), including quality control, data cleanup and validation.

Pentecom's writers and illustrators are richly experienced in structured authoring environments and understand the discipline required to bring content up to current specifications and maintain it, particularly as it relates to S1000D.

Our S1000D Technical Writing Capabilities include:

- Data Module (DM) development & maintenance
- Common Source Database (CSDB) support
- Business Rules implementation and validation
- Data conversion from legacy formats to S1000D-compliant XML
- BREX and schema compliance support
- Information Control Number (ICN) management
- Cross-referencing, applicability, and effectivity management
- Integration of graphics, multimedia, and interactive content

Our S1000D Illustration Capabilities include:

- Creation and maintenance of Illustration Control Numbers (ICNs)
- Development of S1000D-compliant technical graphics
- Data Module (DM) integration support
- Applicability and effectivity alignment within graphics
- BREX and schema compliance coordination
- Graphic tagging and metadata management
- Support for interactive IETM environments

Why Our Customers Trust Us

Pentecom serves as a documentation partner, ensuring maintainers have clear, mission-ready guidance throughout the entire system lifecycle.

From legacy manual conversion to fully structured S1000D implementations, we deliver solutions built for durability, compliance, and lifecycle performance. We reduce rework, improve consistency, and support smooth long-term program sustainment.

We have an experienced documentation team committed to mission readiness, who serve not as an external vendor but as your partner.

Choose Pentecom to transform your technical data and illustrations. Contact us today and learn how we can help your team accelerate repairs, decrease risk and advance your sustainment efforts.

Transform Your Outdated Content.

Contact our team to discuss your technical writing and illustration needs.

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