Simplified Technical English

A Global Language for Aerospace Maintenance ASD-STE100/ATA 2200/S1000D

What is Simplified Technical English?

Simplified Technical English (STE) is a global standard to write Component Maintenance Manuals. The ASD-STE100 standard has a basic vocabulary of 988 core words to write procedures for air, land, sea, space and rail vehicles.

The STE standard includes a set of grammar rules to write *simplified instructions* for engines, avionics, cabin interiors, flight controls

on aircraft, drones and helicopters. The use of STE is part of S1000D and ATA iSpec 2200 specifications.

Manufacturers add their company product terminology to create a custom technical dictionary.



A key benefit of Simplified Technical English (STE) is the prevention of expensive

human errors during maintenance. STE is suitable for service bulletins, Task Cards, Maintenance Manuals (CMM), training materials, IETMs, AI prompts, Aug. Reality (AR) and MRO.

The Company

Smart Communications, Inc., New York, is an AI boutique for linguistic and Artificial Intelligence software. The SMART software helps technical writers create materials that comply to ASD-STE100, S1000D, iSpec 2200, ICAO, ITAR, NATO, Military, FAA, EASA and other global regulatory agencies.

SMART STE Software Tools and Services

- MAXit Checker software has rules that comply to the ASD-STE100 standard (Issue 9, January 2025).
- Text Mining services to rapidly develop dictionaries.
- Lexicon Manager to manage custom dictionaries.
- Starter Kit that includes a basic aerospace dictionary.
- Synonym Dictionary that shows the correct terms.
- File Conversion Services to convert Word .docx files into .xml or .dita.
- Writer's Guide with many examples for simplification.
- Writer Training classes by Internet (TEAMS) or on-site.

The SMART team has 20+ years of experience in Technical Publications. Our experts know how to write STE, develop XML applications, IETMs and comply to S1000D formats. Some of our clients include DeltaHawk, Safran, Textron Aviation, Northrop Grumman, RTX and BAE Systems.



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Contact maxit@smartny.com for a Starter Kit, license costs, services and STE questions.

MAXit Checker

Al Software for ASD-STE100 Compliance

The MAXit Checker makes the writing of aircraft Component Maintenance Manuals (CMM) in STE faster and easier. The program uses artificial intelligence, curated dictionaries and approximately 19,000 AI rules to check English grammar, syntax, usage and style.



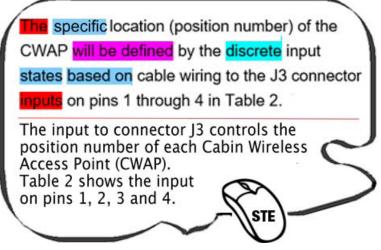
The SMART Lexicon Manager makes maintenance of the custom dictionaries easy. SMART offers Text Mining services for rapid development of custom dictionaries.

Versions of the MAXit Checker

• Microsoft Word

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- (Add-In for Word)
- Adobe FrameMaker • PTC Arbortext Editor
- (Plug-in for 10.0 to 2022) (Plug-in for 6.x to 8.x)
- JustSystems XMetaL
- (Plug-in for XMetaL)



Shown above is an example of a complex maintenance instruction, rewritten in STE, with the assistance of the MAXit Checker. The writer clicks a color to get *curated* STE suggestions and corrections.



How to order a MAXit Starter Kit

Smart Communications, Inc., offers a Starter Kit that includes one MAXit License, Writer's Guide, STE and Aerospace dictionaries. Ideal for company Proof-of-Concept.

- · Request a MAXit Starter Kit: maxit@smartny.com
- SMART provides 60 days of email support.
- SMART offers Text Mining services to expand the dictionaries.
- SMART offers flexible-schedule writer training for STE.
- · Discounts on additional licenses after purchase of the Starter Kit.
- · Questions, demo requests and cost quotations welcomed.



Simplified Technical English for Aerospace Documentation