

Controlled ENGLISH

Energy

What is Controlled English?

Controlled English (CE) is adapted from the aviation *Simplified Technical English* (STE) standard. The oil and gas industry shares helicopter safety aviation standards.

The basic dictionary has approximately 1,200 *core* words. SMART added oil and gas terms for ocean and land drilling from industry glossaries and petroleum industry dictionaries. The special terms are needed to write Standard Operating Procedures (SOP) for HSE compliance.

The objective is to simplify the text to prevent expensive downtime and create *easy-to-understand* technical documentation. The **Controlled English** is ideal for cross-cultural training, STEM and global standardization.

Key Advantages of Controlled English

- Prevents human error caused by incorrect information.
- Standardizes global procedures and product terminology.
- Assists readers with Limited English Proficiency (LEP)
- Improves skills training and workforce development.
- Assists with STEM education and employee onboarding.
- Creates documentation that is ideal for AI translations.
- Links to existing .xml and .dita publishing tools.
- Meets global standards for semiconductor HSE.

The Company

Smart Communications, Inc., has 20 years experience in the development of Artificial Intelligence software and Natural Language Processing (NLP). Projects include development of controlled vocabularies for oil companies and suppliers.



The Starter Kit includes one MAXit license, Writer's Guide, Controlled English core and one technical dictionary. The starter kit is ideal for proof-of-concept.

Visit: <https://www.smartny.com/ControlledEnglish.html>

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What is the MAXit Checker?

An AI-powered publishing tool that has approximately 19,000+ rules (*inferences*). **MAXit** uses *edit-in-place* to check English grammar, vocabulary, syntax, .xml and .dita formats.



Versions of the MAXit Checker

- Microsoft Word (*Add-In for Word*)
- Adobe FrameMaker (*Plug-in for 10.0 to 2022*)
- PTC Arbortext Editor (*Plug-in for 6.x to 8.x*)
- XMetaL Author (*Plug-in for 19.x*)

Ask us about our API for integration to other publishing systems. Contact maxit@smartny.com for licenses, services and costs.



An easy-to-use tool to manage the dictionaries for **MAXit**. SMART offers **Text Mining** services for rapid development of custom dictionaries.

Example before and after (MAXit uses color codes for errors):

Whether acquired through surface readout in **real time** or by downhole recorders, data must be **validated** at the wellsite. Validation **ensures** that the **acquired** data are of **adequate quality to satisfy** the test objectives. **On-site** validation **also serves as** a **yardstick** for **measuring** job **success**. When used with surface readout in **real time**, wellsite validation **reveals** when **sufficient** data **have been acquired to terminate** the test, **thereby optimizing** rig **time**.
(70 words)

Measure all data from surface readout recorders or downhole recorders at the wellsite.

These wellsite tests show quality and when to stop the tests. The results show the time to complete the job.

The tests can increase rig efficiency.

CE

(CE version 39 words)

Complexity | Simplified



The aerospace STE version is described at www.smartny.com/SimplifiedEnglish.html.