



- MAXit for PTC Arbortext Editor
- MAXit for Adobe FrameMaker
- MAXit for Microsoft Word



**SMART Communications, Inc.**, New York City, is an Artificial Intelligence (AI) boutique and developer of the **MAXit Checker** software. The SMART team has 20+ years of experience in digital publishing and compliance to ASD-STE100 Simplified Technical English, Controlled English and Plain English.



This AI tool is designed to help technical writers create clear, concise texts written

in either **Simplified Technical English, Controlled English or Plain English**. The SMART team provides dictionaries for each of these controlled languages.



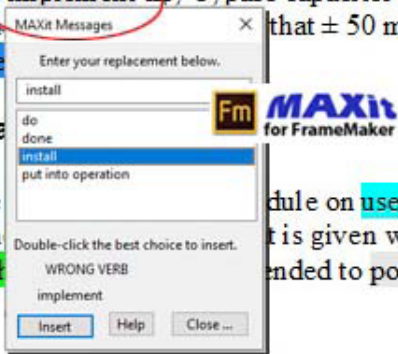
All versions of the **MAXit Checker** use more than 19,000 Artificial Intelligence (AI) rules for grammar, syntax and style. The program helps

technical writers **simplify** complex information through a set of curated controlled dictionaries.

Each version of **MAXit** has a different interface, but the same dialog box to show corrections or suggestions. Shown below is the dialog box in Adobe FrameMaker. The user left-clicks on a color to see the corrections or suggestions.

#### 4 Bypass Capacitor for VCC

Since GNSS module (GT-90/GT-9001/GT-100) internal not required to implement any bypass capacitor on the ripple noise on that ± 50 mV, the be placed close



#### 5 Mechanical

Depend on the stress due to the torque. It is given with module on user's PCB is given with ended to position

#### The Results ...

The curated dictionaries create texts that are clear, concise, consistent and *easy to understand*. The benefits include improved *customer satisfaction* and cost savings through prevention of human errors. The **MAXit Checker** has a Six Sigma quality tool, called a *poka-yoke*, that guides the writer for quality.

#### Key features of the MAXit Checker

- Checks abbreviations in long and short forms for correct capitalization.
- Makes full-sentence grammatical and syntactical analysis.
- Processes text by paragraph, page, table cell or document.
- Suggests verbs that are easier to translate and understand.
- Shows a list of words that are NOT FOUND in the MAXit dictionaries.
- Creates six sigma and readability reports.
- Navigates hypertext links, cross-references and indexes.
- Marks adverbs that do not modify verbs, or can be deleted.
- Marks *nice-to-know* versus *need-to-know* phrases.
- Marks awkward, complex, pretentious and idiomatic English.
- Checks sentence length, procedures 21 words, descriptions 25 words.
- Displays errors in 40 message groups, derived from 19,000 AI rules.
- Validates product terminology, service marks and trademarks.
- Checks text for possible translation problems and suggests alternatives.
- Checks sentences for noun-to-verb agreement and missing references.
- Marks present participles, gerunds (-ing) that cause problems.
- Checks for correct verb negation and double negative statements.
- Ignores text inside selected <tags>, example <comment>, <warning>.
- Validates aerospace Component Maintenance Manuals for S1000D.
- Marks phrases that can cause a risk for product liability (might, fail safe).
- Suggests alternatives for words that have the wrong meaning.
- Matches and marks preferred spelling, including British and American.
- Validates instrument labels for type, style, example, OFF switch.
- Identifies phrasal verbs, for example, lit up, carrying out, opt in.
- Marks wrong suffixes (-ize, -ness) and wrong prefixes (non- and un-).
- Marks and suggests the use of hyphens, for example, 64-bit system.
- Marks apostrophes and possessive nouns for translation.
- Identifies technical jargon, including medicalese and legalese.
- Marks missing references and antecedents, for example, "it," "they."
- Marks missing commas and shows where commas must be inserted.
- Marks all gender pronouns and references, for example, "he" and "she."
- Marks passive voice and suggests active voice for clearer sentences.
- Marks nouns used as verbs that cause comprehension problems.
- Marks noun clusters and phrases to delete without loss of meaning.
- Suggests where to insert articles (a, an, the) to increase readability.
- Shows a list of synonyms with a click-to-insert dialog box.
- Includes a Metric Conversion tool for dual dimensions.
- Includes a Word Finder tool and a Word Counter tool for translators.

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#### MAXit Starter Kit for FrameMaker or Word.

We offer a **Starter Kit** with a MAXit licence and starter dictionaries. Send an email to [maxit@smartny.com](mailto:maxit@smartny.com) for costs.