

**Description:**

The **MAXit Checker** is a software tool that interactively checks technical content for compliance to ASD-STE00 Simplified Technical English (PSC-85-16598) and SMART Controlled English. The **MAXit Checker** reads selected SGML or XML elements inside the Arbortext Editor during authoring. The authors use a simple edit box to correct the texts from grammatical suggestions. The structure of the document does not change. This software improves the quality, clarity, usability, translatability and readability of a technical documents.

The **MAXit Checker** is a “plug-in” for Arbortext Editor 5.x and 6.x. The software is a Client/Server application that serves 2 to 20 Arbortext users.

Requires a license of PTC Arbortext Editor.

First Release: April 2001 V1.1.0 (client)

Latest Release: Jan. 2013 V6.4.7

SMART Order: MAXAE5\_WIN

Language: Microsoft C/C++. Uses 13 small Arbortext (Arbortext Control Language) ACL scripts for the custom menus. Requires the **MAXitServer** for the Client/Server. See **MAXitServer** specifications.

**Operating Systems:**

Uses the **MAXitServer** as a Windows Service.

Client software: Windows XP (SP3),

Windows 7 (32-bit or 64-bit) or Windows 8.

**Hardware Requirements:**

Minimum System Requirements for Client/Server:  
TCP/IP Pentium CPU 4 Gb, 100 Mb disk space.

Client Side: Desktop or laptop with minimum 1 Gb of memory and 20Mb of free disk space.



**MAXit for Arbortext Editor** uses the **MAXitServer**, a Windows COM Service to communicate between Arbortext and the **MAXit** client. PTC Arbortext does not supply any code for the **MAXitServer**. ACL scripts are supplied by SMART for custom menus/

**Dictionaries:**

The installation includes dictionaries that can be customized to a product or service. See Lexicon Manager tools.

- Issue 6 February 2013, ASD-STE100 Simplified Technical English dictionaries.
- A technical dictionary for a domain, example, aerospace, telephony or medical.
- A synonym dictionary that includes all of the ASD-STE suggestions and thousands more.

**MAXit Checker Software:**

All SMART software is written to ISO9000 quality standards by professional programmers in the USA. All software are tested. SMART maintains a common “grammar engine” to give the same results on all platforms. The software is written with the Microsoft C/C++ compiler, version 12.0.

The **MAXit** dictionary format is common across all platforms and versions. One set of dictionaries is stored on the **MAXitServer**.

See the **SMART Lexicon Manager** for dictionary update and maintenance tools.

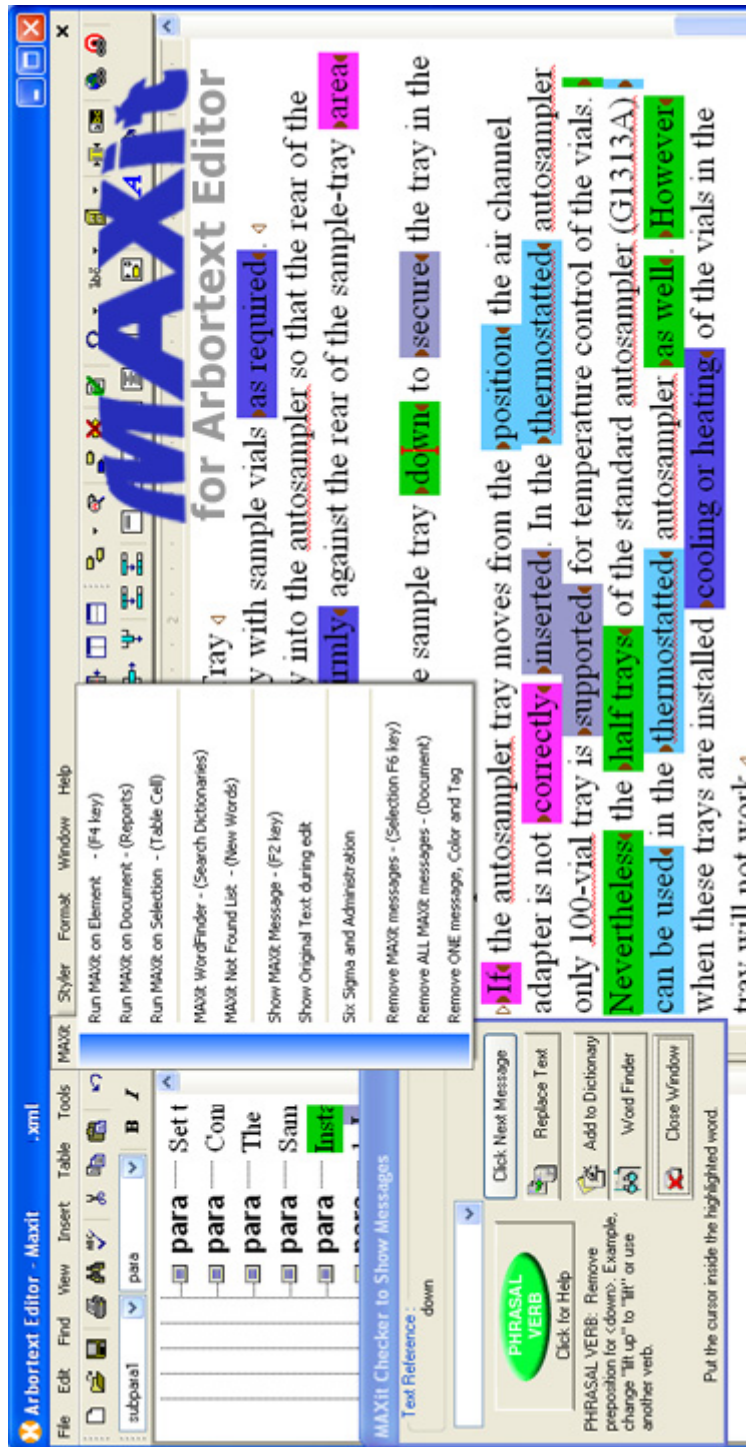
**Highlights of the MAXit for Arbortext Software:**

- **MAXit** is fully interactive with Arbortext Editor.
- Compliance to ASD-STE100, S1000D, ATA iSpec 2200, US Mil. NATO linguistic standards.
- The 10,500+ rules create the 40 messages.
- Dictionary updates with the **Lexicon Manager**.
- Simple **MAXit** Edit Box for content editing.
- Temporary dictionary shared by all users.
- Six sigma metrics created for QA/QC (option).
- Intelligent selection of SGML/XML elements.
- Custom dictionaries for different products.
- **MAXit** can read SGML and XML formats.
- Online **Word Finder** for dictionary search.
- English/Metric converter tool.
- SMART offers Writer training.  
See **SMART Training** specifications.
- **Not found word** list created (option).
- **MAXit** can ignore selected or protected elements, tables and graphical elements.
- **MAXit** can process <inline> tags, text entities, cross-references and program instructions.
- Approved for Airbus A380/A350/A400M.

**Limits:** The text selection is limited to elements of less than 32,000 characters. There is no limit in the Document selection mode.

## Screen Picture of the MAXit Checker for Arbotext Editor 5.x or 6.0

The colors represent errors that the MAXitServer has identified and marked. For example, the adverb “*Nevertheless*” is not used in Technical Manuals designed for global audiences.



The MAXit for Arbotext links to all versions of Arbotext Editor from 5.2 to 6.0. The connection requires TCP/IP to communicate with the MAXitServer.