

**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 4.5 to 5.4. The software is a Client/Server application that serves from two to 50 users.

Requires a license of PTC Arbortext Editor.

First Release: April 2001 V1.1.0 (client)  
Latest Release: May 2009 V6.4.6  
SMART Order: MAXEP5\_WIN, MAXEP5\_UNIX  
Language: Microsoft C/C++ and SUN Solaris C.  
Uses 10 small Arbortext ACL script for the menus.  
Requires the use of the **MAXitServer** for the Client/Server. See **MAXitServer** specifications.

**Operating Systems:**

Uses the **MAXitServer** as a Windows Service.  
Windows 2000/2003/2008/XP/Vista/Windows 7.  
Unix: Sun Solaris 10 (Sparc or AMD Servers).

**Hardware Requirements:**

Minimum System Requirements for Client/Server:  
TCP/IP Pentium CPU 4 Gb, 100 Mb disk space.  
Unix SUN Solaris 10 and 100 Mb of disk space.  
Client Side: Desktop or laptop with minimum 1 Gb of memory and 20Mb of free disk space.

**MAXitServer required:**

**MAXit for Arbortext Editor** uses a Windows Service or Unix RPC to communicate between Arbortext and the **MAXit** client. This software is called the **MAXitServer**.

**Dictionaries:**

The installation includes dictionaries that can be customized to a product or service.

- The latest 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 releases are quality tested. SMART maintains a "common" source code and a common "grammar engine" to give the same results on all platforms. All software is created with C/C++ compilers from Microsoft and SUN.

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 Epic Software:**

- **MAXit** is fully interactive with Arbortext.
- Compliance to AECMA PSC-85-16598, S1000D, ATA iSpec 2200, US Mil. NATO and global linguistic standards.
- The 9,500+ 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 (option).
- 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.

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