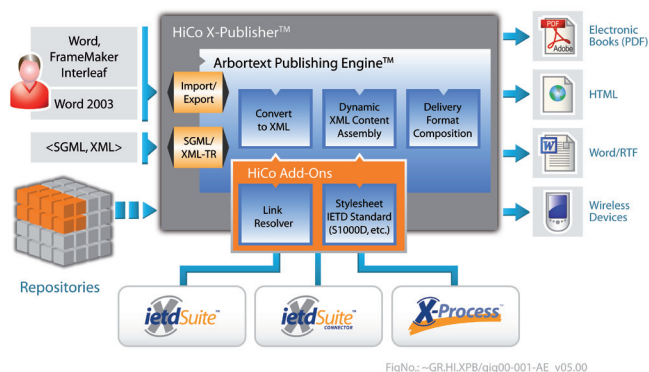




Personalize content automatically for different target groups and publish in different media

## HiCo X-Publisher® - XML-based transformation and publishing solution

Automating the publishing processes reduces costs, hastens market maturity and improves the relevance and consistence of information.



*X-Publisher® extracts contents from the file system or CMS, assembles it for different target groups, let you personalize your layout and publishes in different media, such as PDF, MS Word or other print or web applications.*

### CHALLENGE

Modularized contents which can be widely reused are an ideal precondition to automate the publication process. Published contents will be accessed fast and easily in their up-to-date version. The publishing tool, however, has to meet the demands of the enhanced processes of document creation and publication.

With X-Publisher® publication of your information is automated and optimized. Furthermore, dynamically adaption of the layout of your published content is possible through additional components (e.g. X-Publisher®:Designer). So the costs are lowered, there is a shorter time-to-market and the quality and appearance of your information is enhanced.

The architecture of the X-Publisher® is based on a server component, (the X-Publisher® Server), and any number of clients (the

X-Publisher®:DesktopClient). The server component can be easily integrated in existing editorial systems via standardized interfaces. The client-server concept allows every single client-workstation to create high-quality publications.

### BENEFITS

- **Reduce publishing costs:** the engine's support of multiple types of media helps to reduce publishing costs.
- **Shorter time-to-market:** the automation of the publishing process reduces the time for publication to a minimum.
- **Increase productivity:** automated publishing makes it easier for authors to concentrate on creating and updating content.
- **Strengthen customer relations:** content that is tailored individually to the needs of a specific target group can quickly be assembled, published and delivered in the required format.
- **Efficient usage:** Through its easy integration in content management systems such as HiCo ietdSuite® and editors such as HiCo ietdSuite®:Connector for Arbortext® Editor™ it is the perfect addition to every editorial system.
- **Standard Packages:** By using ready-made Standard Packages (e.g. iETD-ExportStandard, S1000D®, ATA iSpec 2200 etc.), comprising all necessary DTDs/schemas, stylesheets and other configuration files, projects can be started quickly without further adaption.

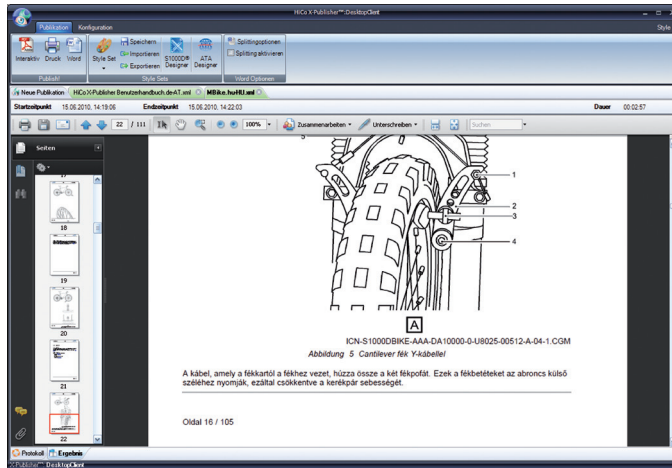
### PRODUCT DESCRIPTION

The X-Publisher® is a server-based system that abstracts XML and

SGML contents from a file system or content management system, assembles it for different target audiences, and automatically publishes the assembled content with high-quality layout and formatting in both print and electronic formats. Contents to be published are composed dynamically and completely linked on run time. The content can be retrieved from the file system or the CMS automatically. Optional profiling filters documents according to customer requirements. Automatically generated texts like table of contents complete the output.

HiCo's **X-Publisher®** uses PTC's Arbortext Publishing Engine, which represents the central server component and provides standard functions like e.g. document preview for the HiCo iedtSuite®:Connector for Arbortext Editor.

**X-Publisher®:DesktopClient** is a special desktop client for Microsoft Windows which provides important functions in the area of publication.



HiCo X-Publisher® in use

The new developed **X-Publisher®:Designer** completes the X-Publisher® as an all-in solution for a flexible and demand-driven publishing system. With the X-Publisher®:Designer you can easily and effectively adapt chosen design components of your publication at any time. For example, you can map your Corporate Design (CD)

as a master template and apply this to your whole publication stock. Former complex adaptations can now directly and interactively be conducted by the user before the publication process.

The **X-Publisher®** offers data migration from MS Word and Adobe FrameMaker (import / export) as well as Interleaf (only import). These can be called up as single document or as batch processing.

HiCo X-Publisher® – Key Features	
<i>Publication on demand</i>	Automatic publication on demand from XML and SGML sources to various media such as web, print, PDF, Microsoft Word, HTML Help. The dynamic provision of publications can be personalised according to the content and the design.
<i>PDF composition</i>	Support for direct PDF composition without the need of a third-party application. The following publication formats are provided: PDF4Print (only for printing) and PDF4Interactive (including all activated links, bookmarks and other features).
<i>Microsoft Word Export</i>	Export of XML to Microsoft Word (RTF files). Large publications can be splitted into multiple documents.
<i>Lists and indexes</i>	Automatic generation of tables of content, lists of figures, lists of tables and indexes.
<i>Enhanced layout and formatting options</i>	The X-Publisher®:Designer allows important layout and formatting options for your publication. In principle, the functions are: adaption of title page, header and footer as well as of the warning, caution and note text boxes. The current version provides the Designer component for <b>S1000D®</b> and <b>ATA iSpec 2200</b> (see IPA Practice Scenario).
<i>Automatic Data embedding and Document merging</i>	Automatically embeds data resulting from queries to databases, ERP systems and CRM systems. If the documentation consists of many single documents, these can automatically be merged and released as a collective publication.
<i>CMS integration</i>	Integration to PTC Windchill, HiCo iedtSuite® and other relevant content management systems.

**Product version:**

- HiCo X-Publisher® v3.x

**System Requirements:**

**HiCo X-Publisher®:DesktopClient**

- Windows XP, Windows Vista
- Microsoft .NET Framework

**HiCo X-Publisher® Server**

- Microsoft Windows Server 2003
- Apache Tomcat
- Sun Java Runtime Environment (JRE)
- PTC Arbortext Publishing Engine v5.3

For legally-binding information on the system requirements and operating conditions refer to the Release Notes as well as to the user manual approved by HiCo.

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