DOCUFY®
COSIMA

„The Component Content Management System"

Simplify technical documentation right from the start!

DOCUFY®
EXCELLENT INFORMATION. EVERYWHERE

„COSIMA allows us to use our SAP
bills of material and a sophisticated
automation process to create technical
documentation for all conceivable models
of machinery in just a few ours"

Bernd Rudolf, Head of Technical Documentation, CHIRON-Werke GmbH & Co. KG

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www.tuv-sud.com/ms-cert

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Do you want to simplify, speed up and make your technical documentation legally compliant right from the start? COSIMA is the advanced Component Content Management System (CCMS) for your documentation processes that is ready for immediate use and can be adapted to your needs at any time - whether for mechanical and plant engineering, measurement and control technology, medical technology or automotive. With the CCMS COSIMA, professional writers succeed in capturing their technical communication in the highest quality in a process-optimised manner and publishing it in all languages, formats and target systems.

Your Business:
You are faced with the challenge of documenting more and more product variants in ever shorter time in an increasing variety of languages and publishing the documentation on paper, on the internet or on mobile devices. For this purpose, you are looking for a CCMS that fully meets your current requirements, but at the same time is ready for future developments.

Our Solution:
COSIMA is designed as a "ready-to-use" XML CCMS. You can use it productively within a very short time. Our trainings and support enable you to adapt the system to your needs and processes. You can even programme your own functions through our scripting interface. Best of all, all configurations remain available even after a system update.

Fit for the future:
Future requirements already built in: Your innovative product and service ideas require extraordinary documentation solutions that can no longer be achieved with a pure standard system? No problem: COSIMA can be flexibly adapted and expanded to meet your requirements. Customer-specific information models can be configured effortlessly, inventory data and existing data structures are simply taken over.

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Your benefits at a glance:

Fast return on investment

- Work productively after just a few days thanks to a preconfigured, ready-to-use solution
- Configure your own information model and processes quickly and flexibly without programming
- Create documents with significantly reduced effort and thus save time, personnel and money
- Efficiently document even a large number of product variants with minimal effort
- Minimise integration costs with standard interfaces to third-party systems (e.g. translation management systems as well as office and graphics programmes)
- Translate documents faster and much more cost-effectively
- Preserve investments in existing documentation and its translations by simply adopting existing content and processes on request and then developing them further

Cooperative and global

- Cooperate easily in globally distributed editorial offices worldwide thanks to consistent Internet capability and very low demands on the IT network infrastructure.
- Global distribution of topic responsibilities, as the source language of the topics can be changed at any time.
- Seamless integration of external documentation suppliers and service providers

Simple and efficient

- Complete all editorial tasks efficiently with an intuitive, user-friendly interface
- Automate time-consuming tasks and execute them transparently and absolutely reliably
- Capture reusable topics in proven information structures and manage them with a clear systematic approach
- Store documents and topics in an audit-proof manner and have a complete history at your fingertips, quickly and audit-compliantly, if required
- Administer the system with minimal effort
- Switch smoothly from document- to topic-oriented working methods

Directive and standard compliant

- Documentation structures according to current professional standards

- Among other things, compliant with Product Liability Act, Product Safety Act, EC Directives, Machinery Directive, Low Voltage Directive, ATEX, IEC/IEEE 82079-1, DIN EN ISO 20607, VDI 4500 Sheet 4, EN ISO 12100, DIN Technical Report 146

- Special edition for the US market with safety instructions according to ANSI Z535.6

- Regular updates of the structures in case of changes in the standards

Reliable

- Benefit from over 20 years of experience, which has flowed into our mature standard product that has proven itself with hundreds of customers - with a successful project rate of over 95%

- Benefit from our bundled technical and industry-specific know-how as well as our valuable practical experience

- Always be at the cutting edge of technology through our continuous development of COSIMA

Adaptable

- Additional functions and individual interfaces to third-party systems can be added at any time thanks to the underlying open COSIMA architecture

- Seamless integration into the existing IT landscape

- Almost limitless scalability - for long-term security and high investment protection

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Sophisticated. Smart. Absolutely practical.
The most important and most interesting functions:

Product Variant Management:
CLASSIFICATION INSTEAD OF DRAG-AND-DROP

The new COSIMA still lets you put together documents from topics using drag-and-drop and filter individual manuals from master documents. You can also generate product-specific documentation based on a product configuration 100% automatically thanks to a fully configurable classification (such as Professor Dr. Ziegler's PI Classification method).

Publication Configurator
AT THE PRESS OF A BUTTON INSTEAD OF TIME AND EFFORT

The freely configurable PI Classification in COSIMA defines an Information Space in which all your relevant information can be stored and clearly identified. The Publication Configurator uses this Information Space and lets you generate any documentation you want individually and 100% automatically based on a product configuration.

IGEL:
TEXT REFERENCE INSTEAD OF DESIGN CONFUSION

Using IGEL, the new graphics tool in COSIMA, you can directly enter position numbers into the Component Content Management System and then align, move, delete and copy them. Existing images without callout information can also be transformed into IGEL images during the editing process to be 'igled'. In order to set position numbers precisely, just zoom in and out of opened images. Image legends are automatically generated using the callout information

Word import and export:
CONVERSION INSTEAD OF TYPING

Import and editing made easy: The handy Word Importer reads the basic structure of your current Word documents, adapts them into the system as corresponding information objects, and "translates" them into XML. A Word export function is also available in addition to the PDF publishing option.

Authoring memory:

AUTOCOMPLETE INSTEAD OF STYLE PUZZLES

While you write, this feature compares the sentence you have just begun with content already available in the system. If it detects similarities, you get suggestions about the wording of the sentence you are working on. This ensures continuity in terms of style, plus consistent text quality, and it saves you time, effort, and (translation) costs.

Review Client:

LIGHTNING-FAST EDITING INSTEAD OF NEVER-ENDING STORY

Include other departments in your review process in a digital and traceable way. Assign experts the task of reviewing and commenting on documents or modules. The experts simply review the content in the intuitive web client in the browser, without having to install any special software beforehand. The editorial team always has an overview of the processing status of the tasks and can check that the reviews are completed on time.

Diffing:

EASY COMPARISON INSTEAD OF CONFUSION

Diffing is geared toward comparing different versions and updates of modules or documents. New content is displayed in green, whereas deleted content is red and crossed out, making it easy to see at a glance every kind of difference in content.

Authoring support:

CONSISTENT TEXTS INSTEAD OF ALPHABET SOUP

In the terminology management, you define which designations may be used and which may not. The distinction between preferred, blocked, and permitted designations reliably supports you in creating, checking, and adapting your documents. As you write, Authoring Memory compares the sentence you've started with existing content. If similarities are discovered, you receive suggestions as to how the sentence in question could read. Both ensure continuity in writing style and consistent text quality and save effort and (translation) costs.

Contribution Client:

INFORMATION FLOW INSTEAD OF MEDIA DISCONTINUITY

Include other departments in the content creation process in a digital and traceable way. Assign subject matter experts the task of contributing initial information and content for the documentation. The experts simply enter their contributions in the intuitive Web client in the browser, without having to install any special software beforehand. The editorial team always has an overview of the processing status of the tasks and can check whether the contributions are being processed on time.

Validities:

VARIETY INSTEAD OF QUANTITY

The validities function allows you to attribute content to product variants – at module level or for individual text passages. A variant filter ensures that only the content you truly need appears in the document to be published, eliminating the need to copy modules due to marginal differences in products.

Cross-references:
CLARITY INSTEAD OF HEADACHES

Cross-references, which are easy to create thanks to drag-and-drop, relieve technical writers' headaches through intelligent differentiation. Is the target reference even available in the corresponding publication? Vital cross-references without a target generate a warning, making fast correction possible. Optional cross-references without a target are not displayed, pure and simple.

Translation management:
LINGUISTIC DIVERSITY INSTEAD OF EXPLODING COSTS

Integrated translation management saves time and money, and guarantees a highly automated workflow. The system automatically compiles all the necessary files and makes them available, ensuring that only those modules that are not yet available in the foreign language currently needed get translated. Files can be easily exported and imported as a ZIP or hot folder. COSIMA supports the Common Translation Interface (COTI).

Layouts:
DESIGN FLEXIBILITY INSTEAD OF PROGRAMMING

Our graphics tool helps you to easily design, customize, and manage layouts for PDF and online media. Via the intuitive web interface, you can adapt changes to your corporate design at any time without the need for expert knowledge.

Fully automated media production:
AUTOMATION INSTEAD OF EFFORT

Publish without post-editing: Define the layout of all your documents with the help of style sheets and use these to automatically generate a wide range of different target and output formats – such as TopicPilot, PDF, Word (DOCX), HTML, CHM (compiled/ online help) – from just a single data source.

Versioning:
REVISION CERTAINTY INSTEAD OF THE RISK OF MIX-UPS

Versioning allows you to "freeze" content, preventing unintentional changes to modules and documents. In addition, changes usually generate a new revision level. Copying ensures a complete, clearly structured history that is available quickly.

DOCUFY Launcher:
AUTOMATISM INSTEAD OF MANUAL INSTALLATION

With the DOCUFY Launcher, technical writers are always equipped with the latest versions of the COSIMA Rich Client and the XML Editor. This means that everyone works automatically with the software versions that match the server without waiting times or interruptions and without in-house IT having to take care of the installation on the users' PCs. The rich client is installed simply by clicking a button and is always kept up to date - ideal for IT non-professionals. In addition, users can call up other DOCUFY products as well as their own web applications via the customer-configurable tiles of the DOCUFY Launcher.

Schematron checks:
RULE COMPLIANCY INSTEAD OF INCONSISTENCY

Schematron checks support you in complying with rules, e.g. from your editorial guidelines. With their help, very detailed checks can be carried out directly in COSIMA while writing, e.g. certain spellings in headings. By classifying the check results, technical editors also receive the information whether it is an error, a warning or a note. The result: uniform, easy-to-read, easy-to-understand technical documentation.

AI add-ons
INTELLIGENT WORK SUPPORT

COSIMA offers AI add-ons that make your day-to-day work easier. For example, the AI in COSIMA provides warnings and safety instructions (e.g. according to the SAFE rule) and instructions for action virtually at the touch of a button. Simply enter keywords and the AI automatically generates all the required action steps or the corresponding warning in COSIMA. Other AI add-ons check your warning and safety instructions for the correct hazard level or generate index entries for the keyword register.

COSIMA Scripting:
SCRIPT DON'T CLICK

With COSIMA Scripting, repetitive or error-prone manual steps can be easily automated. The scripts enable the fast, uncomplicated implementation of new features, independent of new COSIMA releases, for example

notifications of status changes via e-mail, SMS, etc.

Automatic delivery of formats;

additional object types;

data exchange with third-party systems (e.g. SAP).

In a training session, we enable you to easily program these or other special functions yourself, if required, exactly according to your wishes and ideas and without any help from us.

Translation service:
LIGHTNING-FAST TRANSLATION INSTEAD OF ANNOYING WAITING TIMES

With the DOCUFY Translation Service, you can complete translations of technical and service documentation at the touch of a button. The service is designed to speed up the translation process with the help of machine translation and save costs while maintaining consistently high quality. The benefits: effortless post-editing, user-friendly operation, lightning-fast results thanks to machine translation and quality-assured texts thanks to the approval process in COSIMA.

„Your CCMS
will always be
up to date"

COSIMA is being continuously updated -
for the most efficient processes and
legally compliant documentation.

Philipp Delph,
Consultant, DOCUFY GmbH

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DOCUFY knows the processes of technical documentation from years of experience. When we further develop COSIMA, we focus on the challenges and tasks that your editors face in their daily work. Of course, we also take into account relevant legal changes. This way, you can be sure that your editorial processes will always run smoothly and in accordance with the current legal status.

Documentation process

Plan → Research → Create → Examine → Translate → Publish → Evaluate

Information management with the DOCUFY Suite

Information is the lubricant of the digital world

Trends such as digitalisation, industry 4.0, big data and the internet of things are decisive factors in the products of tomorrow and a crucial element of how our society develops. It is becoming increasingly complex to manage information, content and knowledge along the entire product lifecycle, with data quality becoming more and more important. From collecting and processing information to distribution, dissemination and application feedback: intelligent information is the lubricant of the digital world. The DOCUFY Suite can help your company to access this information and secure the long-term success of your company with the knowledge the information contains.

Industry 4.0 Content Management
PLM - Product Lifecycle Management Automatization
Product Engineering
Predictive Maintenance Big Data
Digital twin
Digitalization
Content Delivery Cloud Lot-size 1
Mobile Work E-Learning
IoT – Internet of Things Knowledge Management

„The right information
at the right time
in the right place.‟

With the DOCUFY Suite, high-quality data can be
registered, reviewed multiple times and enriched
with metadata. As a result, users get exactly the right
information they are looking for, without any detours.

Nadine Prill,
CEO, DOCUFY GmbH

DOCUFY®
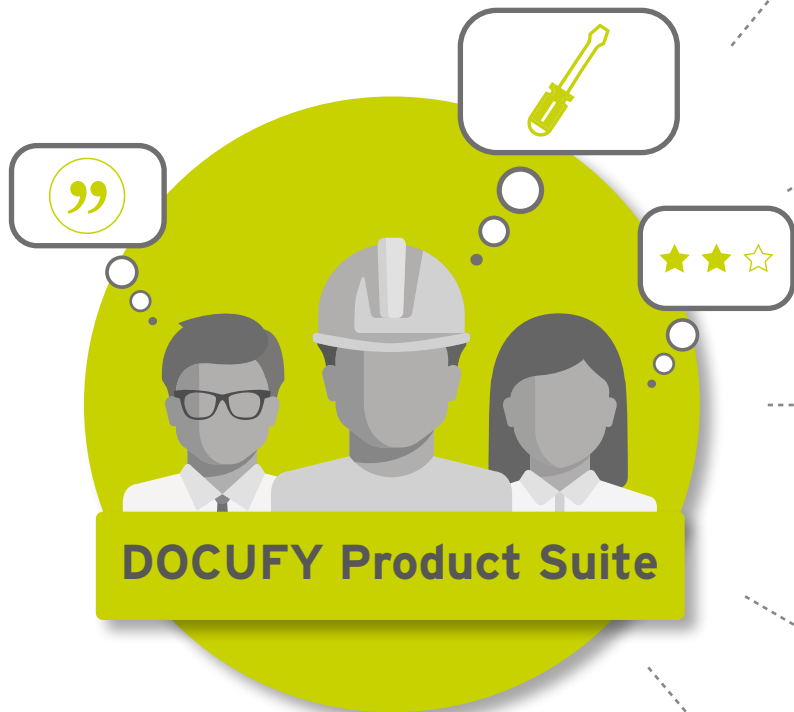EXCELLENT INFORMATION. EVERYWHERE

Excellent Information. Everywhere

The individual needs of our customers drive our solution oriented action. With a competent team of experts working with innovative and passionate minds and with our strong business partners, we will find the answers to your questions of tomorrow.

https://www.docufy.de/en/company/docufy-suite

DOCUFY Product Suite

DOCUFY®
MACHINE SAFETY
Risk assessment, fast and easy

DOCUFY®
COSIMA
The proven CCMS

TechPub Studio®

+

DOCUFY®
LAYOUTER
Your tool to design

DOCUFY®
TOPIC PILOT®
Die mobile Publikationsplattform

DOCUFY®
CAx QUALITY MANAGER
Application for better CAx data

+

DOCUFY®
CAx ANALYTICS
Tool for design data

door2parts

DOCUFY®

DOCUFY develops high-quality software solutions for technical documentation, design, and service. From technology startups to global industrial groups - our more than 900 customers operate in the automotive industry, mechanical and plant engineering, medical technology, and the software sector. Over 200 employees have been contributing to DOCUFY's sustainable success with their expertise for over 25 years.

We offer consulting and development services for our software products in order to customize our standard solutions to the specific requirements of our customers. With the DOCUFY Suite, we have created solutions to tap into the potential of company-wide information and deliver it to specific users. From design to maintenance - throughout the entire product life cycle: **Excellent Information. Everywhere.**

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