



TECHNOLAS PERFECT VISION GMBH

DOCUFY[®] **SUCCESS**STORY

Technolas optimizing their Technical
Documentation with COSIMA - A success Story

” COSIMA gives us many options for optimising processes in the technical documentation.

Bettina Lehnert-Pompili, Manager of the Department for Technical Documentation and Translation Management at Technolas Perfect Vision GmbH

Technolas Perfect Vision GmbH

Technolas Perfect Vision GmbH (TPV) is one of the leading manufacturers in the field of ophthalmology. The company develops and produces equipment and software for eye diagnostics and laser surgery for the key markets Europe, Asia and the USA.



Photo ©Technolas Perfect Vision GmbH: Femtosecond Workstation

DOCUFY COSIMA

Bettina Lehnert-Pompili has long had the desire to simplify TPV's technical documentation processes. The demands on technical documentation are growing continuously, particularly in the area of medical technology. Furthermore, the previous documentation processes at TPV were time-consuming and prone to errors. One reason for this was that the approx. 10,000 documents were extremely wide-ranging since they came from different departments, such as R&D and Service. There were also inconsistent terminology, templates and authoring tools, which made a simple exchange of texts or graphics almost impossible. Different folder systems prevented automatic document linking.

The remedy was to be a professional, XML-based content management system with a modular concept for reusing text blocks and images.

” In addition, a single stylesheet was to cover all document types. We wanted to move away from layout work, which simply cost the business too much time on a daily basis.



COSIMA - The Component Content Management System

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.

The new system also had to guarantee the audit trail according to FDA Regulation Title 21 CFR Part 11. Based on the tekcom CMS study as well as a cost/use analysis, the choice fell on COSIMA.

Extensive preparatory work

The first step was to define the metadata keywords that automatically generate the device master record and the production folder in COSIMA through defined search queries. The result was many document lists with which the existing documentation could be migrated to the new system. Prior to the migration, old document stocks were also frozen, the required files were converted into PDF format, design drawings and graphics were checked for up-to-dateness and the document lists were constantly updated at the same time. In addition, TPV created a style guide and a terminology database.

More quality, lower costs

TPV works constantly to improve existing products and develop new ones. This is reflected in the technical documentation. 150 documents are created or revised each month. With COSIMA TPV can specify creation and release processes uniformly, thus meeting the requirements of FDA Regulation Title 21 CFR Part 11. The 50 COSIMA users who are assigned user roles such as editor, viewer or reviewer, have to authenticate themselves with a password before they change the status of a document (such as from creation to review). After approval, they are notified by e-mail and can access the document.

Thanks to COSIMA, staff of the Production department will not need paper documents in future since they can call up the required documents online. The CMS ensures that they always work with the latest version. Furthermore, TPV can save time and costs, while greatly increasing quality. In the next phase of the project, the documentation from development and validation must be migrated to the new CMS, and interfaces to their tools created. A possible integration of COSIMA with the existing ERP system is also planned.