



SIEMENS ENERGY

DOCUFY[®] SUCCESSSTORY

COSIMA & Siemens Energy - A Success Story

” COSIMA proves itself to us on a daily basis with its next-level performance: 3,500 pages of documentation virtually at your fin-gertips.

Michael Straeter, Siemens Energy

Demands

Search for a modern XML-based, centralised content management system

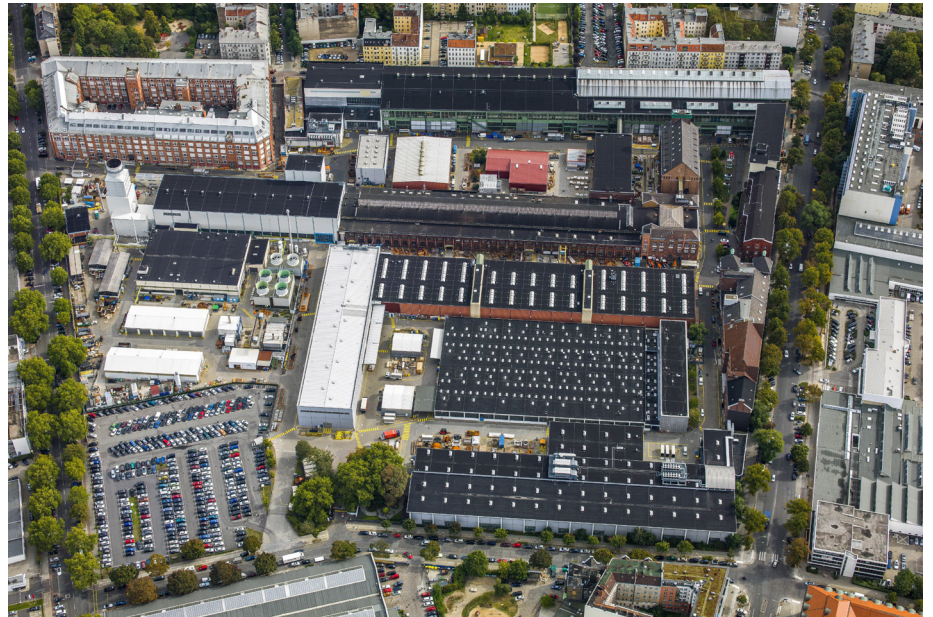
- that is available across locations
- can handle various, modern output formats
- can be interfaced to a translation system and linguistic systems

Implementation

- Introduction of COSIMA with publication configurator in 2015
- Migration of legacy documents: manually and editorially modularised, restructured, classified with integrated metadata
- Creation of documentation & instructions with 250 to 3,500 pages in batch size 1 with up to 1,400 topics

Siemens Energy

Siemens Energy is a global player in the energy sector and operates globally along almost the entirety of the energy value chain. The company employs some 91,000 people worldwide (as of 31 March 2020). Its products include gas turbines, steam turbines, generators, transformers and compressors. With a 67% stake in Siemens Gamesa Renewable Energy, Siemens Energy is one of the global market leaders in the renewable energies sector.



Picture ©Siemens Energy: Aerial view of the company headquarters

DOCUFY COSIMA

Huge power plants require similarly huge amounts of documentation. That is why, since 2015, Siemens Energy has been working with DOCUFY's COSIMA software when constructing new plants. COSIMA was chosen because of the modernity of the system (its architecture, mode of operation, formats), its scalability and adaptability and the high degree of out-of-the-box capabilities for Siemens-specific needs and requirements. What's more, Michael Straeter (Siemens Energy) points to the flexible and fast development possibilities enabled by DOCUFY and, last but not least, the good experiences other Siemens divisions had with COSIMA that finalised the decision.



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.

Topic-based classification of legacy data before migration is worthwhile!

The production of documentation and instructions usually necessary in mass customisation is now created with the help of the publication configurator.

Michael Straeter says: "Working with classified topics requires a completely different mindset than working with documents. The publication configurator and its filter settings and defaults was a novelty for us, not to mention the ability to create a corresponding validity structure. Due to our very comprehensive documentation materials (such as a gas turbine assembly manual with up to 1,400 topics), the customer-specific structuring of classification and a metadata inventory was not easy. We took the opportunity of having to first migrate legacy data into COSIMA to execute some foundational work to guarantee structure. We manually and editorially modularised, restructured and classified each document and integrated metadata.

This time investment is now paying off:

” We can optimise our data and the topic structuring gives us a more detailed view of how the documentation structure will look through the publication configurator and the validity structure.

„In my opinion, this is extremely important for high-quality documentation. We therefore also recommend that our new teams give this first step a high priority.”

Once the foundation has been laid for "topic-based thinking", documentation creation becomes much more effective with COSIMA. The flexibility in the choice of formats also equips the company for any future requirements such as mobile documentation.

DOCUFY COSIMA is being implemented in more and more Siemens Energy divisions

On account of their high-quality work and experience with the XML software, Straeter and his colleagues have now also become service partners for other Siemens Energy divisions. For example, COSIMA is used for documentation in software, marine propulsion systems as well as control software for fibre industry plants. In addition, documentation is also being created in New Energy Business. Currently, the team produces 150 documentations ranging from 250 to 3,500 pages for all global regions.

Straeter's conclusion and outlook:

” We're happy with the possibilities and performance COSIMA has to offer. We've found a reliable partner in DOCUFY, one who competently advises us and works out solutions quickly and flexibly where necessary. In future, we'd like to push ahead with the networking of the system to allow input from other sources and expand the output to include other future-proof standards.

At the same time, we're also considering using the DOCUFY Layouter software tool to allow for the flexible adaptation of layouts to different teams, as well as help collecting key figures to analyse the efficiency, processes and quality of our documentation work.