

RENK AG

Producers of gears since 1873

RENK can look back on more than 130 years of experience and own development work in propulsion technology. Today RENK is acknowledged worldwide as a manufacturer of high quality special gears, components of propulsion technology and test systems.

RENK AG has been a member of the MAN Group since 1923. The company is headquartered in Augsburg and produces in three German locations as well as at associated companies in France and the USA.

The issues

- ▲ Spare parts must be found more quickly in order to reduce downtime at the customer's side
- ▲ Navigation must be easier
- ▲ We want to leave the paper catalogue behind
- ▲ We want to extend our GRIPS solution
- ▲ We need to produce more documentation without increasing the budget
- ▲ We want to use one single source database to generate Technical Documentation for civilian and military applications

The results

- ▲ The spare parts catalogue is always up to date
- ▲ The move from paper to CD-ROM saves time and money
- ▲ The end customer saves time and money through a quicker and simpler search process
- ▲ Interactive Electronic Technical Documentation (IETD) in accordance with military specification AECMA SPEC 1000 is generated from the same database as customer specific documents – one data source.

RENK – one of the first companies to get to GRIPS with its information

The first contacts were made about ten years ago when the need for documentation increased exponentially at RENK. The company was internationalising, but lacked the tools for authoring, storing, retrieving, publishing and translating the increasing flood of documents.

After having looked at the available tools, they went for the then unproven idea of GRIPS and have been a part of the development ever since.

Today RENK uses a combination of STAR's services and tools in their complete information process, including illustrations. The documentation is written and stored in GRIPS. The translation process is initiated from GRIPS and all the publishing is done automatically with GRIPS.

The toolbox also contains a B007 spare parts solution with transfer between this solution and GRIPS and a bridge between RENK's SAP system, the B007 spare parts solution and GRIPS.



STAR and spare parts systems

STAR has a wealth of experience in the area of creating and managing logistical data concerning spare parts management.

STAR's systems for spare parts logistics measure up to the highest demands and fulfil all relevant standards for both civilian and military use. Our system can be used according to either B007 or Spec1000.

STAR Group

The STAR Group is one of the largest providers of technical information and translation in the world. Our global presence means that we are always close to the local market and customer – we always speak your language, wherever you are. The STAR Group is also a leading supplier of all the tools needed for the information process, from authoring to printing. This combination of services and tools make us unique in the market.

An interactive electronic spare parts catalogue – B007 spare parts solution from STAR

The spare parts catalogue is produced using B007 together with STAR's graphical illustration services.

RENK was looking for a system where the customers could find their spare parts quickly. This has great financial implications as it reduces the downtime on important engines and machinery. RENK's customers expect to find the spare parts quickly. They also expect the spare parts list to be up to date and easy to navigate.

The solution is that RENK supplies construction drawings in which the customer can navigate to the correct spare part. This is done via hot spots and hyperlinks between any position in the exploded view of the product and the spare parts list – or via any other relevant document.

Apart from supplying the necessary software, the project involved the following services at STAR:

- ▲ Spare parts must be found more quickly in order to reduce downtime at the customer's side
- ▲ Importing the logical structures from the GRIPS environment
- ▲ Analysis of the parts and removal rules in order to define the spare parts
- ▲ Preparing the artwork, defining which illustrations to use
- ▲ Create the active picture dialogs, the pictures can be re-used from previous projects, imported from the CAD system or created for the project
- ▲ Hand over the suggested active picture dialogs to the customer for approval
- ▲ Create the necessary structures and hierarchies
- ▲ QA to verify that the correct spare parts are selected when the system is used

