

# Success Story

## “The right track”

Industrial filter specialist LÜHR FILTER uses Engineering Base for its process engineering



**LÜHR FILTER GmbH & Co. KG** is a globally operating family business with over 75 years' experience in the development and construction of air pollution control plants. The product range includes all components from the gas transfer up to the stack, while engineering, customer service and maintenance services complete the offering. Global references in various industrial sectors from power generation via iron and steel to asphalt or chemicals are proof of the efficiency of the plants which filter up to 1 million cubic metres of flue gas per hour. Important core components are produced in the company's production facilities in Stadthagen, near Hanover.



### “Learning by doing”

In modernising engineering systems for process engineering, the focus was on the intelligent connection of mass data with the P&IDs. The decision was made in favour of Engineering Base (EB). The fact that the previous system was also from AUCOTEC was not a deciding factor. “We looked around thoroughly”, recounts Enno Muncke, Head of Documentation at LÜHR FILTER, “but the integrated Office world and its really simple, intuitive operation convinced us in the end.” After only one in-house training course, employees were easily able to master all other tasks themselves. “It was learning by doing’ in the best sense of the expression”, reports Muncke.

### Speed through simplicity

As one of the original employees of the Department of Documentation, Dieter Konrade explains what now makes his day-to-day work much easier: “The data record level is much simpler and easier to handle, similar to Excel. The user-friendly worksheets enable us to very rapidly search, find and replace”. He provides a second example: “Previously, I had to constantly switch back and forth between the relevant drawing and list. Now, I can simply drag components via drag & drop from the list to the drawing and see everything at a glance. Overall, I’m just faster with EB. I couldn’t do without it now!”

### Seamless workflow support

Department Head Muncke emphasises the seamless workflow support in particular: EB is already used to design the rough plant diagram for quotations. Once an order has been placed, LÜHR FILTER creates the P&ID based on it and includes such details as numbering, consumers or even piping with length specifications. EB automatically generates the resulting lists, for example, for tags. “All aspects are clearly based on each other and the overall picture is very easy to follow. We avoid widescale duplication of entries and corresponding associated errors”, Enno Muncke reports. “We are on the right track completely with EB”, he concludes.

