

Maintenance optimised with multidisciplinary information management at BASF.



| IFS Ultimo

The execution of proper maintenance on over 800 process functions and more than 6,000 instruments. And on top of that meeting important laws and regulations. This is the daily challenge of BASF, one of the largest chemical firms in the world. A challenge the company has been tackling with the Ultimo Maintenance Management Software since 2002.

Ultimo Maintenance Management

BASF's own technical service consisting of six employees takes care of all the maintenance in the factory and is supported by Ultimo. Maintenance activities – either corrective or preventive – are all planned and managed in Ultimo. "The investment of the software was recouped within two years," we learn from Baron. "This was mainly thanks to the considerable amount of time we saved in work preparation and the more efficient execution of maintenance activities."

But it is more than just that. BASF also has to comply with increasingly strict laws and regulations such as the NEN 3140, CPR (Dutch Disaster Prevention Commission), BRZO (Dutch Major Accidents Decree), ATEX 95 and 137 (regarding explosion safety), the Environmental Management Act and the ISO 14001-Environmental Management standard. To do so, BASF gets regular visits from inspectors who maintain these laws and regulations. The maintenance information in Ultimo makes it much easier to prove compliance.

Multidisciplinary information management

It is not only the Technical Service that uses Ultimo daily. All production employees use the system as well. Whereas the Technical Service has extensive screens with detailed information at their disposal, the production employees report failures via a simple Ultimo input screen. No fuss due to an overload of information, but it enables you to report peculiarities or failures in objects quickly.

This gives BASF Nederland's maintenance crew even more eyes and ears on the shop floor. Because the maintenance objects are in Ultimo, everyone is looking at the same information. Even if the maintenance and production disciplines differ from each other. Multidisciplinary information management.

About BASF

Around 111,000 employees in the BASF Group contribute to the success of their customers in nearly all sectors and almost every country in the world. BASF generated sales of €78.6 billion in 2021 and uses IFS Ultimo since 2002.



Ultimo and Document management systems

Sharing information also concerns sharing all technical documents. An organisation like BASF uses many of those, and they are always subject to change due to, for example, projects or modifications. Engineers change the documents and the Technical Service uses them for the execution of maintenance activities. Sharing documents between engineers and Technical Service has paid off. The result: better coordination between both parties. Baron: "How was an object delivered and what modifications have been made? And what technical drawings go with it? This is important to know for both the Technical Service and engineers." This requirement was met by the link between Ultimo and a document management system (DMS).

The software not only improved the internal communication, but it also simplifies the collaboration with BASF's external partners. All required maintenance information can now easily be found in Ultimo and the DMS.

All information from one central source. And ready to use in multiple disciplines. That is the biggest advantage for BASF. And it improves factory maintenance.

“The investment of the software was recouped within two years.”

Rene Baron - BASF

Benefits seen using IFS Ultimo

- Considerable amount of time saved in work preparation.
- More efficient execution of several maintenance activities.
- One central place for all information gives all employees more eyes and ears on the floor.
- All required maintenance information can now easily be found in Ultimo and the DMS.

Find out more

Further information, e-mail info@ifs.com, contact your local IFS office or visit our web site, ifs.com

