



CASE  
**BASF**

Factory maintenance  
optimised with multidisciplinary  
information management.

# INTRO

THE EXECUTION OF PROPER MAINTENANCE ON OVER 800 PROCESS FUNCTIONS AND MORE THAN 6000 INSTRUMENTS. AND ON TOP OF THAT MEETING IMPORTANT LAWS AND REGULATIONS. THIS IS THE DAILY CHALLENGE OF BASF NEDERLAND — PART OF THE BASF GROUP, WHICH IS ONE OF THE LARGEST CHEMICAL FIRMS IN THE WORLD.

A CHALLENGE THE COMPANY HAS BEEN TACKLING WITH THE ULTIMO MAINTENANCE MANAGEMENT SOFTWARE SINCE 2002. MAINTENANCE MANAGER RENÉ BARON EXPLAINS HOW HE MANAGES TO CONTINUOUSLY IMPROVE THE FACTORY MAINTENANCE.

## OUR SOLUTIONS

### 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.

### 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.



Freddy Vos  
VP International Sales





## See vital signs. Take vital action.

Ultimo is the #1 EAM Cloud platform that provides its customers with control over their assets and an unmatched and proven Return On Investment. Its benefits include increased uptime; management of costs and an extension in the lifespan of equipment; reliable control information; ease of adherence to laws and regulations and the assurance of a safe working environment. With Ultimo you see vital signs and you take vital actions.

**Live-link your assets and facilities**

**ULTIMO**

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