



## IMPROVING EFFICIENCY THROUGH INTEGRATED MAINTENANCE AND ENGINEERING

### INDUSTRY

Manufacturing - Chemical

### ACCRUENT SOLUTIONS

Meridian - Engineering Information Management

### INTEGRATIONS

Ultimo Maintenance Management

*“The integration has improved the quality, availability and accessibility of asset information. Contractors now have easy access to all relevant engineering information.”*

– René Baron, Maintenance and Engineering Manager



**#1**

CHEMICAL PRODUCER  
IN THE WORLD

**20,000+**  
DOCUMENTS

**6,000**  
INSTRUMENTS

**800**  
PROCESS  
FUNCTIONS

## THE COMPANY

BASF is the world's leading chemical company with more than 250 production sites worldwide and over 115,000 employees. Headquartered in Germany, where the company operates the world's largest integrated chemical complex, the BASF Group comprises subsidiaries and affiliates in more than 80 countries. To take advantage of the opportunities for profitable growth throughout the world, BASF is represented through production and sales facilities in all economic regions.

## THE CHALLENGE

BASF Nijehaske in the Netherlands is part of the Chemicals division of BASF. At this location, 158 employees work with 800 process functions and more than 6,000 instruments. The Technical Services Department manages inspections and corrective actions. Strict environmental regulations such as NEN 3140, Seveso I+II, Atex 95+137 and ISO 14001 must be applied and verified by authorized bodies.

The data handover challenge is keeping process functions and instruments up-to-date in the as-built environment, while changing the engineering data in the project environment. BASF started an integration project to streamline the data handover between Engineering and Maintenance.

*“During the zero-tolerance test, an inconsistency of five to ten percent between the Operations and Engineering databases was measured. Therefore, BASF decided to streamline the handover procedures and create a direct link between Ultimo and Meridian, creating a single source of information.”*



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## THE SOLUTION

For BASF, the main advantages of the integration between Ultimo and Meridian are:

- Technical documents are directly linked to assets
- Technical documents are maintained from a single source
- Ultimo users have direct access to up-to-date documents

*“The assets and documents in both applications are one hundred percent identical and provide us with the necessary regulatory compliance. As a result, our people have a better view of the as-built environment and, therefore, work more efficiently. Consequently, management costs have been reduced.”*

## THE RESULTS

The integration between Ultimo and Meridian was chosen by BASF because of the low cost of ownership for future upgrades and releases of both Ultimo and Meridian.

“We have been able to realize an intelligent connection between Ultimo and Meridian. The efficiency of both the Maintenance and Engineering processes has been improved. All our assets are maintained and the documents are directly available from Meridian to keep a real-time relationship with more than twenty thousand technical documents.”

- Single source of technical information
- Real-time relationship between assets and 20,000+ documents
- Streamlined data handover between Engineering and Maintenance
- Improved communication and efficiency
- Reduced management costs
- Lower total cost of ownership