



Level



Pressure



Flow



Temperature



Liquid Analysis



Registration



Systems Components



Services



Solutions

## Asset Information integrated in Maximo

Easily accessible asset information  
increases value of instrument for Diversey



The production plant in Enschede produces many liquid cleaning products of Diversey. This production location is one of the largest in Europe. Diversey is part of Sealed Air which is a leading provider of systems and solutions for packaging and food science, building care, hygiene, and food safety and security.

Diversey is recognizing sustainability, safety and efficiency as competitive advantages. To deliver this to their customers it is necessary to:

- Optimize workflows
- Work consistently according to clear procedures
- Prove service results for audit purposes

Due to the strong production growth of the Enschede factory, the technical department needed to work more efficiently. During technical activities in the field, it is of utmost importance to have information about technical assets easily accessible. In this production location there are more than 300 critical assets from Endress+Hauser installed.

Endress+Hauser came up with a solution to integrate the information from the already installed W@M Life Cycle Management portal into the Maximo Maintenance Management system by working together with Maximo integration partner MAGS.

Diversey's requirements:

- Optimize maintenance workflow with standardized procedures to decrease failures and inconsistencies during the technical activities
- Increase asset information availability to reduce wasted time for searching information

Endress + Hauser 

People for Process Automation

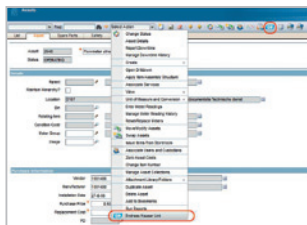
# Optimization of Maintenance workflow by integrating asset information in Maximo

## Our contribution

Diversey works with a multi-disciplinary team of 8 Technicians and 12 Technical Operators which need to work efficiently during their technical activities. With the help of Standard Working Instructions for all assets and the support of Maximo as Maintenance Management system, the first steps to efficiency improvement is set.

The next step to further improve asset information availability was to make instrument specific information available in Maintenance Management system Maximo.

With this information availability all technical people within Diversey are able to find the information from one central source without having to login to another software tool. This helps Diversey in both breakdown assistance and important quality audits.



The 'Endress+Hauser link' in the Maximo window

## The essential steps of the project

1



### Servicing Critical Control Points

To comply with the high quality demands which are forced by the Diversey quality system, 300 Critical Control Points (CCP's) are since 2003 serviced by Endress+Hauser annually as part of a Service Agreement. Both internally and externally (by their customers) audits are performed regularly.

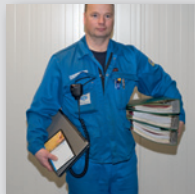
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### Defining a maintenance strategy

Optimizing workflows and working consistently requires a maintenance strategy supported with the help of Maintenance Management system Maximo and by creating Standard Work Instructions (SWI's). All CCP's in the factory are put into Maximo associated with maintenance routines per asset. This helps Diversey to work according to pre-defined methods.

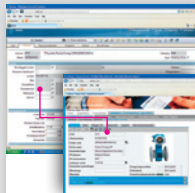
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### Integrating asset information

Essential asset information like inspection reports, calibration certificates and instrument settings are stored in the W@M Portal. The Asset Number in Maximo is made equal to the Tag number in the W@M Portal to allow easy identification. The paper-based documentation from Endress+Hauser is heavily reduced, which clearly supports the sustainability policy.

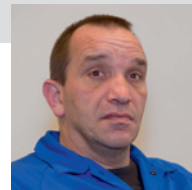
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### Bundling Maximo and the W@M Portal

Both Maximo and the W@M Portal have specific tasks which are ready to get bundled. With the help of Maximo integration partner MACS an integration link between Maximo and the W@M portal was created. When the manufacturer in Maximo is Endress+Hauser, it automatically opens a link which opens up the correct instrument information from the W@M Portal.

**“Making Asset Information from the W@M Portal available in Maximo closes the gap between two important environments and clearly increases the value of the instruments for both Endress+Hauser and Diversey.”**



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