

# Comos PDMS\* Integration – a quantum leap in 3D engineering

**Integration between Comos P&ID and the 3D Equipment and Piping Design from AVEVA PDMS – with central management of pipe-parts catalogues and pipe specifications within Comos**

**Comos PDMS\* Integration** has been developed by **Comos Industry Solutions** in cooperation with the Norwegian AKER KVÆRNER group. This software allows the users of the product AVEVA PDMS to seamlessly integrate design data created in **Comos** into their 3D design work. It consists of two modules, the **Comos Construction Assistant** and **Comos PDMS\* Integration Manager**. Both **Comos** and AVEVA PDMS use standards-based pipe specifications for the integrated pipe-parts catalogue and pipe specification management (Cat&Specs) with the **Comos PipeSpec Designer** acting as a user interface for AVEVA's Cat&Specs tool Paragon. MTOs and BOMs with documents are managed centrally in **Comos**.

## **Key features to benefit you:**

- “ Seamless integration of Comos design data in AVEVA PDMS ”
- “ Two-way data exchange between Comos and AVEVA PDMS ”
- “ Central pipe-parts catalogue management and pipe specification management (Cat&Specs) in Comos ”
- “ Comos PipeSpec Designer as Paragon user interface ”
- “ Central management of MTOs and BOMs in Comos ”

# Comos PDMS\* Integration

## Further important features:

“Data exchange and status management of **Comos P&ID** components”

“Integration behaviour can be adjusted using sub-classes”

“**Comos** queries can be configured and viewed in AVEVA PDMS”

“Data can be exchanged both online and off-line”

“Integration can be installed locally or in a Citrix® environment”

“Pipe-parts catalogues (Cat) and pipe specifications (Specs) can be exported to AVEVA PDMS”

“Simple structure of pipe specifications using geometric standards-based pipe-parts”

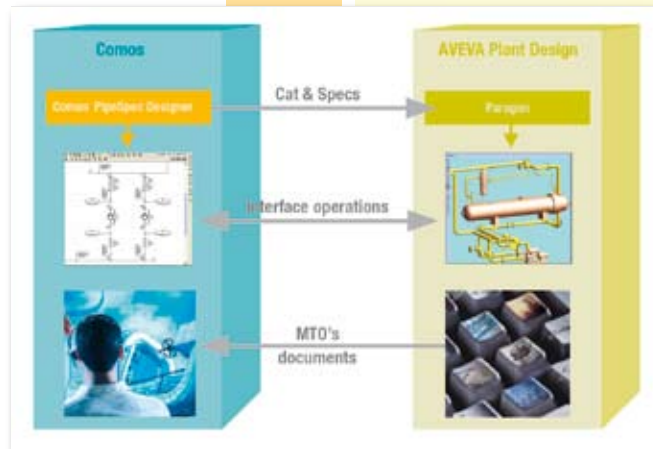
“Status comparison between **Comos PipeSpec Designer** and Paragon”

“Complete creation of pipe-parts (Cat) documentation and pipe specification (Specs) documentation”

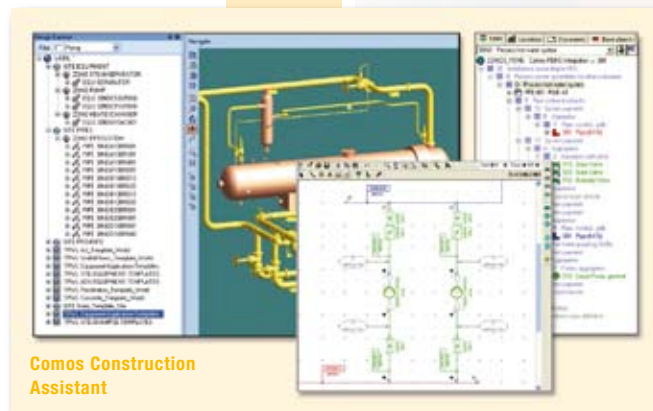
“MTOs and BOMs can be exported to **Comos**”

“Central document management in **Comos** as a result of integration of the PDMS draft documents”

\* AVEVA PDMS is a registered trademark of AVEVA.

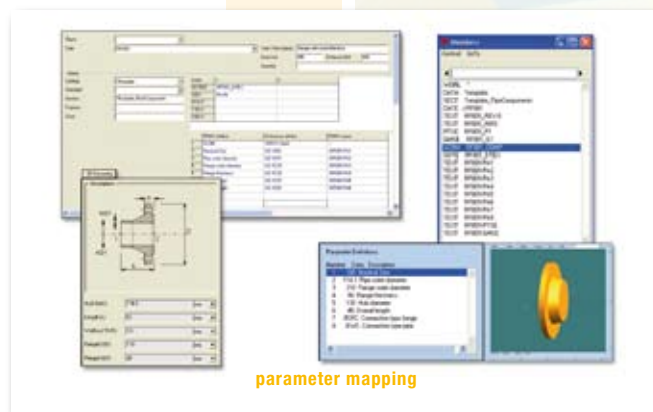


Comos PDMS\* Integration



Comos Construction Assistant

Interface Operation: Check Status



Integrated Cat&Specs Management in Comos



More information, as well as contact data for our company locations around the world, can be obtained here:

E-mail: [info@comos.com](mailto:info@comos.com)  
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A Siemens Business

As a world-leading provider of comprehensive Life Cycle Management systems, **Comos Industry Solutions** offers professional software solutions and services. The integrated **Comos** concept is designed to cater for both customer-specific requirements and established industrial processes. The individual modules can be used as either stand-alone software or as a complete software suite. **Comos** is the complete solution for end-to-end basic and detail engineering processes, catering for all industrial plant life-cycle phases. The **Comos** philosophy, products and services have long been trusted by plant designers, operators and contractors.