








Capture drawing information with AI and assign it to the 3D model

-  Extraction of dimensions, tolerances & production information
-  Intelligent linking with the 3D model
-  Less manual work, more digital added value



 <h3>Calculation & Routings</h3> <p>More accurate and faster calculation through AI-supported data</p>	 <h3>Quality assurance</h3> <p>Support from PMI directly on the 3D model</p>
 <h3>Construction</h3> <p>Faster and more precise similar part search Greater efficiency & reuse PMI for digital twins directly on the model</p>	 <h3>Procurement & Production</h3> <p>Easier ordering of components Faster workflows for post-processing</p>

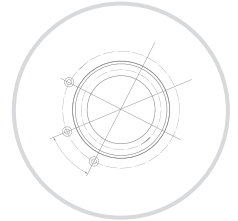
More information: www.simus-systems.com/drawing/

We transfer the PMI from the technical drawing to the 3D model.

1

Fully automated analysis of 2D drawings using artificial intelligence

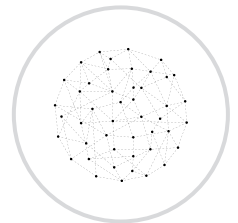
classmate DRAW reads the annotations and the title block, interprets the content and saves it in a structured way.



2

Efficient digitization of annotations and production information

The dimensions are converted into a digital, standardized data structure so that they are available for subsequent processes.



3

Assignment of drawing information to the 3D model

Using our own CAD format s3d, classmate DRAW converts the drawing information into a STEP model. This can be further processed for example by CAM systems.



simus systems is a leading provider of software solutions for data transparency in the manufacturing industry.

✓ **Find data faster**
Drastically reduce search times by automatically analyzing and classifying your CAD and material master data.

✓ **Design & calculate more effectively**
Use reusable parts and precise calculation data directly from the system.

✓ **Eliminate & avoid duplicates**
Create clean master data structures - the basis for any digitization.

