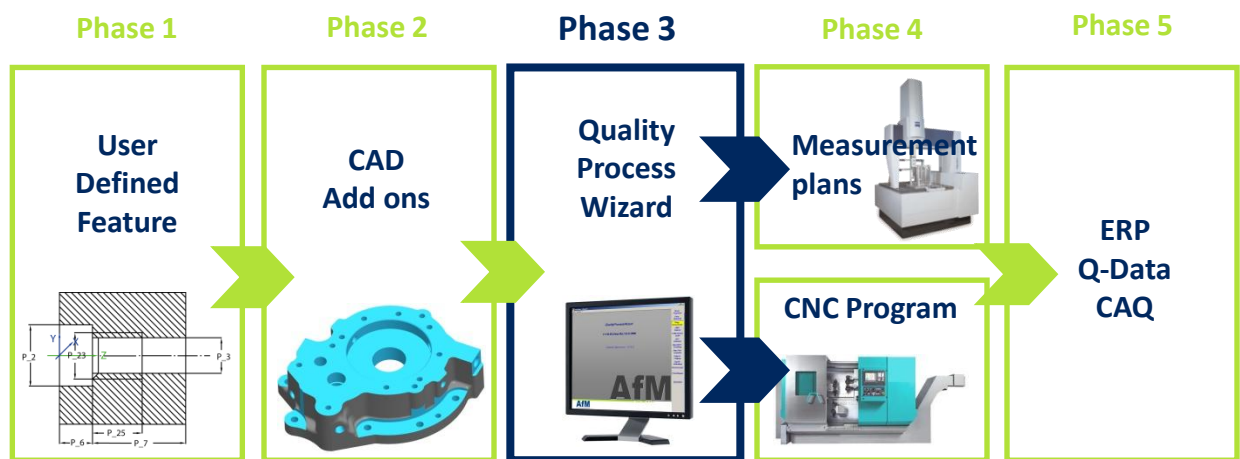


Quality Process Wizard

The tool for planning, cost calculation, visualisation and the automatic generation of CNC programs.



The **Quality Process Wizard (QPW)** automatically makes the information received from the CAD system available in complete, structured and optimal quality.

Standardised interfaces make the import and export of various data formats possible. UDF Information is usually read-in to QPW through a .xml-file. Information will be added to the data read-in to the QPW and prepared for subsequent processes.

System support, automatic planning process

The machines and tools required will be allocated once to the UDF used, hereby is the QPW in the position to allocate machines and tools to the imported UDF information for all intermediate machining processes. The QPW supplies planning suggestions, which when necessary can be simply adopted.

Automatic generation of CNC-machining and measuring programs

The customer specific machining and measuring strategies are stored in QPW. The QPW links the UDF information with the stored strategies, and fully automatically creates travel optimised CNC programs for machine tools and measuring devices.

Comfortable amendments management

Changes made to the CAD model are recognised by QPW through the renewed reading in of the updated .xml file. In existing CNC programs only the changes are adopted.

Cross-disciplinary process optimisation



Comfortable visualisation

Any type of UDF (for example all threaded bores) can from the basis of their type designation and stamp number be shown at any time, in any picture format (.tif, .jpg, .bmp etc.).

Cost assessment at the push of a button

The hourly rate of existing coordinate measurement devices and manufacturing machines including personnel and general costs can be stored. The same applies for tool costs, tool life and the relevant average measurement and machining time per UDF.

From the basis of this information QPW delivers, at the press of a button the costs for all required intermediate machining operations as well as the resultant measurement time. This is the basis for the quick preparation of an offer and enquiry at the supplier.

Your advantages

- Low initial investment through pay by use
- System support, automated planning processes
- Automatically generated CNC machining and measuring programs
- Comfortable amendments management
- Comfortable visualisation
- Cost assessment at the press of a button

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