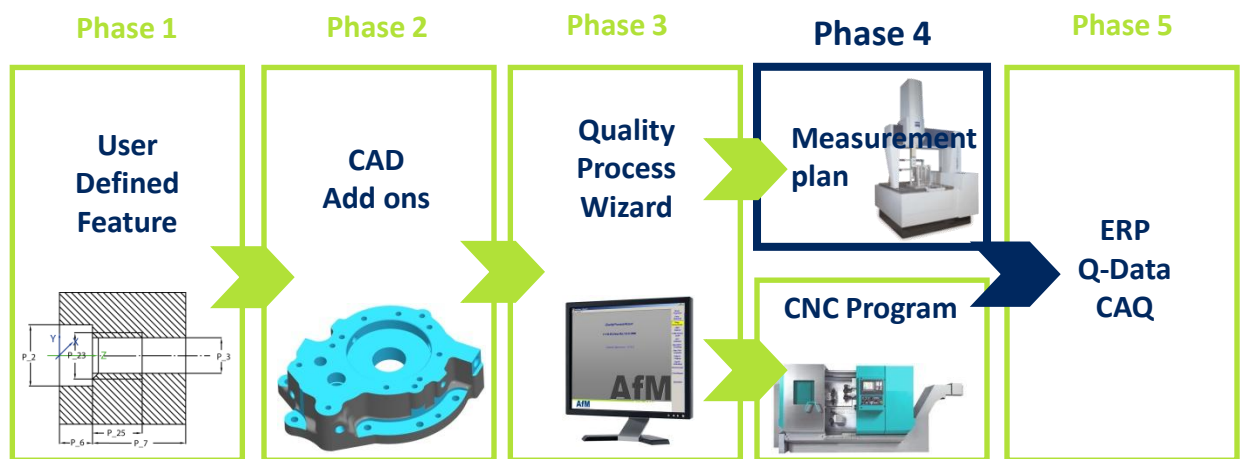


CNC Programs automatically generated

Travel optimised CNC program with customer specific strategy



CNC measurement programs

CNC measuring programs can be automatically created for all intermediate machining operations, as well as for the complete measurement of the finished part.

The customer specific strategies stored within the Quality Process Wizard is employed in the generation of the measuring program. For a completely defined UDF a complete ready to run CALYPSO measuring plan with vector allocation for the probe will be directly created. The measurement characteristics withhold relationships, nominal dimensions and tolerances for the features in the given strategy.

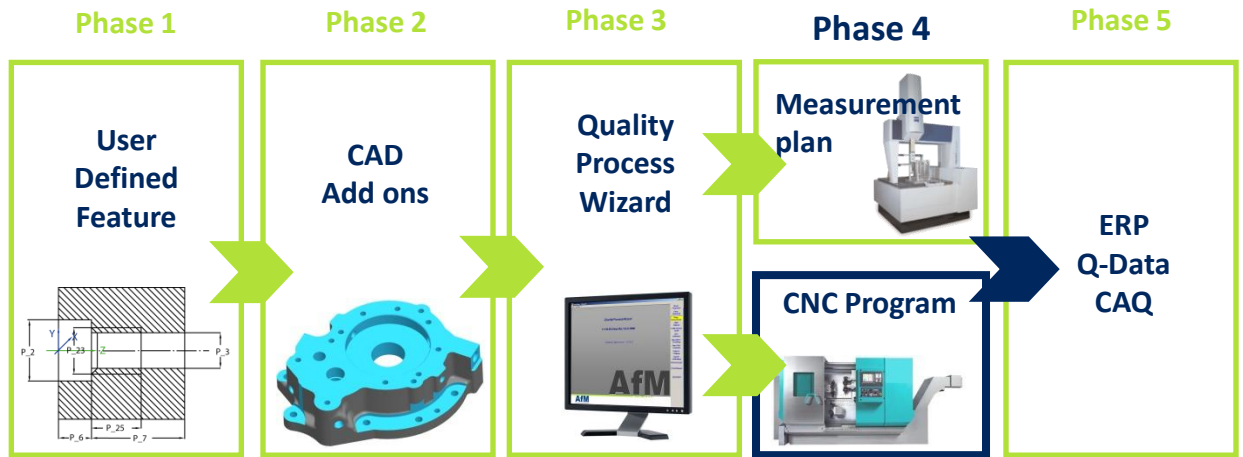
Stylus names are already stored within the measurement program. Forms in the work piece that are not defined in the UDF must be manually entered in the measurement plan.

The measuring plan can be created with probe travel optimisation. The required clearance planes will be calculated from the UDF information. Through the Calypso function: CAD-Model-Comparison it is possible for the CALYPSO measurement plan to be linked to the CAD model and simulated.

Your advantages

- Automatically created, complete ready to run CALYPSO measurement plan
- Customer specific measurement strategy
- Continual designation of the UDFs maintained
- Automatic probe travel optimisation with the calculation of clearance planes
- Stylus allocation over vectors on the UDF

Cross-disciplinary process optimisation



CNC machining programs

CNC machining programs can be automatically created for all intermediate machining operations as well as for the finished machining of the part.

Operators of machine tools often use the possibility to store individual machining cycles in the controller, which incorporate company specific manufacturing Know-how.

Through these machining cycles, interminable machining operations are carried out, which are coordinated with the machining of the UDFs used.

The relevant information will be entered into CNC-Programs with parametrised machining cycles from the UDF when the program is created by the QPW.

By machine tools the relevant controlling information is stored in the QPW. Controller specific CNC programs will be created.

AfM offer a tailor-made consulting service for companies, who have no experience in the use of machining cycles.

Your advantages

- Automatically generated CNC program
- Utilisation of existing machining cycles and manufacturing Know-How
- Controller specific generation of CNC programs
- Continual designation of the UDFs maintained
- Tailor made consulting service

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