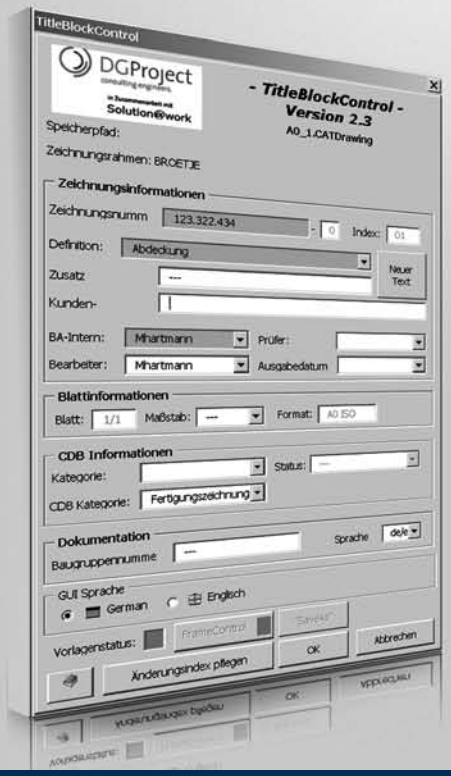
AUTOMATION

TIME FOR THE ESSENTIALS.

Significant improvements in efficiency can be achieved through automation in CATIA V5 using macro programming. We program solutions for you with clear costs, from a personal “little helper” for recurring tasks to programs with user interfaces and input logic to independent applications with database support.

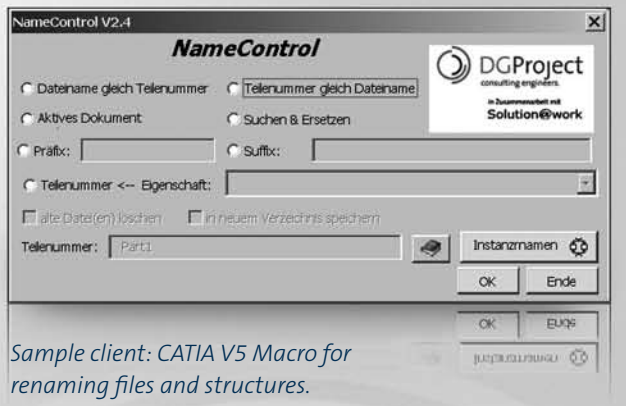
Combination with other applications (e. g. MS office) is, of course, possible.
The software adapted to your needs saves time, reduces the error rate with stored logic tests and therefore serves to ensure process availability.



Sample client: Macro for user support in completing text fields on drawings in accordance with regulations.

The prerequisite for comprehensive automation is the standardization of processes, methods, metadata and construction components. The higher the level of standardization, the greater the automation potential. We are also happy to help you create your own standards.

We take your requirements and goals on board, check the basic conditions and provide you with solution concepts



Sample client: CATIA V5 Macro for renaming files and structures.

For example, with CATIA V5 in the areas of infrastructure, administration, data management, 3D modeling or drafting.

You receive your software package with documented source code and application documentation. We install and implement the packages in collaboration with you. You therefore have the opportunity to further develop your software yourself. We offer complete management, development and staff training for your company-specific solutions upon request.

Automation is an area with potential that is often underestimated. Arrange a consultation with us with no obligation. Make the most of our many years of experience in the fields of CATIA V5 automation and method and process development. Arrange an initial consultation free of charge and we will persuade you of the benefits.

Your benefits:

// Standardization and storage of guidelines and specifications in macros
// Process support, process safeguarding and process stability
// Development of methods / “best practice” solutions
// Reduction in response time when modifications are required
// Reduction of development and design periods
// Reduction of project costs
// Lower training costs thanks to customized courses
// Avoidance of errors and increase in data quality
// Concentration on your core skills

Sample applications for macros/automation:

// Inputting, outputting and modifying coordinates
// Automation of data exchange or conversion processes
// Template and draft management
// Automated creation of draft documents
// Changing draft frameworks (page formats and client framework)
// Inputting text fields with logic testing and default values
// Filling in and managing document parameters through a central input template and checking conventions in the stock of documents
// Allocating names, instantiation, creation of variants and positioning of complete structures
// Creating and updating catalog files through external control tables
// Preparation and derivation of parts lists
// Combination of macros with CATIA V5 Automation objects from the cost-effectiveness analysis module (Knowledgeware Advisor)
// Language tools for a consistent translation template (used for legends, headers, parameter allocation)
// PDM tools

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// AUTOMATION