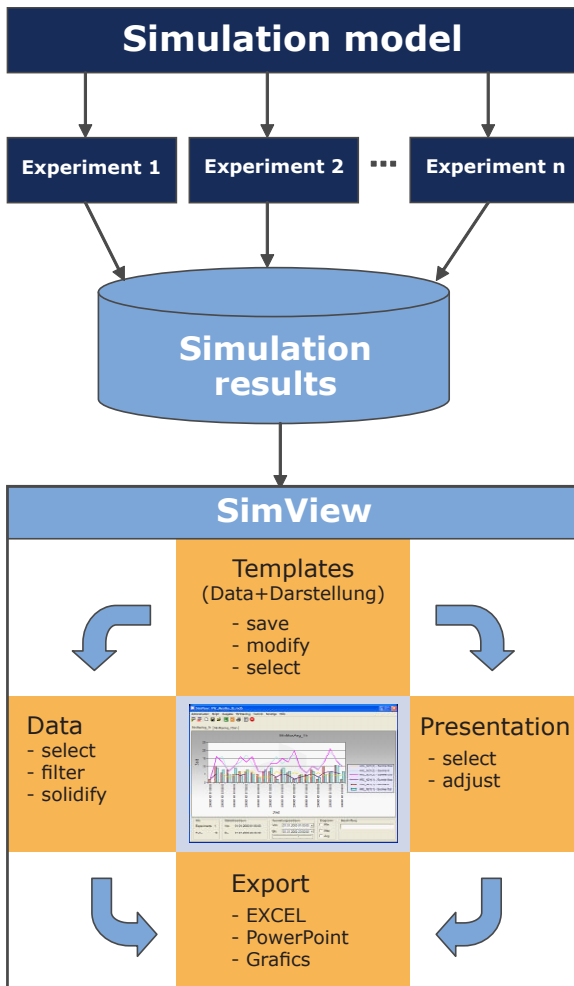


## Evaluation of simulation results **SimView**



Schema of SimView features

### **SimView - technical characteristics:**

- Simple configuration of data and imaging for the analysis of simulation experiments
- Reusability via scripts resp. themed groups of scripts
- Direct / indirect (ODBC) connection to Access DB
- Dynamical menu structure corresponding to the database structure
- All important central information in one information box
- Export to PowerPoint including the use of style sheets
- Independent of simulation system

### **The initial situation**

The productive use of a simulation model normally starts with the experiment phase. Beside of the scientific work for the planning and performance of experiments the preparation of basic data to results forms an extensive time slice: In order to compare several experiments among each other the same project-specific procedures needs to be repeated again and again. From this result efficiency constraints:

- few standards, therefore hardly reusability
- few automatism, therefore high expenditure of time for recurrent proceedings
- comprehensive data volume, therefore high effort of methods

### **SimView**

In many cases simulation results show a similar structure. They are mostly existent as point of time- or period-afflicted data in form of counters or as a consideration of the minimum-/maximum-average. These data assault on an extensive scale with every experiment, every period and every source of results.

For the following analysis the single data are assembled and visualised based on their function. Thereby it is required that the view on data as well as the change of design, aggregation level or relation to other data has to be variable.

With SimView you get an independent tool for the database supported and interactive analysis of simulation experiments, which offers an optimised use of databases and pivot tables.

### **Advantages**

The resultant advantage of speed at the analysis arises from a simplified model of proceeding as well as the capability of the procedures of being automated and reused (templates).

Exhaustive series of analyses can be exportet to MS PowerPoint and Excel at the push of a button. Analyses "with two mouse clicks" are as possible as interactive diagrams of results in a workshop.

## Aims and benefits

SimView is a tool for users of simulation tools, who need to deal with comprehensive analyses of simulation results. The concept of templates focusses consequently the reusability of analysis samples: Once generated, you can create complete experiment series, e. g. for presentations, workshops or for project documentation.

## Fields of application

- Management of experiments
- Presentations
- Online analysis (e.g. in meetings and workshops)
- Project documentation
- Model validation (input/output transformation, Turing tests...)

## Platforms

SimView can be used with Windows 2000 and XP and is available for the following simulation systems:

- Plant Simulation from version 6
- AutoMod from version 10
- Quest from V5 SP6
- Further systems on request

### The SimPlan group

We consider ourselves to be a cross-sector full-range supplier with regard to simulation, accompanying you with extensive know-how, experience and modern methods in the optimisation of business processes.

Our services range from process analysis and consulting through material flow and logistics simulation, simulation-based detailed production planning to support with the commissioning of control software. Furthermore we are a neutral distributor of simulation software and we will lend you our support with the selection, training and implementation in your company.

### Why SimPlan?

- Objective and independent analysis
- Detailed knowledge of diverse logistics and production processes over 15 years
- Close cooperation and project integration with high on-site part
- Development of innovative solutions for the efficient handling of questions

## We are at hand

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