



# Comos Logical – efficient graphical function planning

**Comos Logical enables engineers in the power plant and process industries to efficiently create standard-based, error-free graphical function plans through systematic transfer and reuse of data from upstream engineering steps.**

The control system is an integral part of any facility in the power plant and process sectors. The function plan, defining possible operation modes as well as potential operator interventions for plant monitoring and protection, is of major significance here. **Comos Logical** permits streamlined engineering, consistent documentation and trouble-free implementation of process technology specifications including loadable automation functions in the control system. All the requisite hardware and software signals are managed in the data model. The various signal types are logically detected and can be output in signal lists. The user is supported by auto-routing/autoconnecting functions involving the automatic generation of cross-referenc-

## Key benefits for you:

- “ Joint management of all hardware and software signals in the data model ”
- “ Support through automatic cross-referencing, autorouting and autoconnecting functions ”
- “ Efficient creation of a graphical function plan ”
- “ Easy handling of standardised signals based on of existing standards ”
- “ System-independent scalable code generation for data transfer from the function plan to a wide variety of control systems ”

# Comos Logical

es. Thanks to the object-oriented **Comos** technology, the function plan data can be communicated to a wide range of control systems by means of scalable, system-independent code generation.

## Feature overview:

“ Efficient, standards-compliant creation of function/workflow plans for the graphical visualisation of interlocks and workflow controls ”

“ Reduced engineering effort through signals already being standardised during basic engineering and optimally managed in the function plan ”

“ Seamless, consistent data integration in basic engineering; processing of function modules in line with standards (e.g. VGB R170C or IEC 61131/3) or based on self-defined libraries ”

“ All signals definable for functions, devices and superordinate controls as well as all internal software signals in the function plan are managed within the data model ”

“ The function plan stored in **Comos** is automatically transferred to the control systems via system-independent and scalable code generation ”

“ System-specific code generation for function plan transfer to control systems from Siemens, Invensys, ABB, Rockwell, Yokogawa ”

“ Smooth integration of user-specific components and component libraries ”

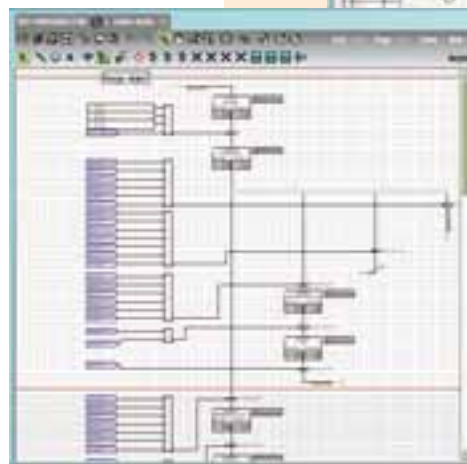


Graphical function/workflow planning in line with VGB

“ Consistent documentation without cross-media conversion, including full navigation capability ”



Graphical function/workflow planning in line with IEC



As a world-leading provider of comprehensive Life Cycle Management systems, **Comos Industry Solutions** offers professional software solutions and services. The integrated **Comos** concept is designed to cater for both customer-specific requirements and established industrial processes. The individual modules can be used as either stand-alone software or as a complete software suite. **Comos** is the complete solution for end-to-end basic and detail engineering processes, catering for all industrial plant life-cycle phases. The **Comos** philosophy, products and services have long been trusted by plant designers, operators and contractors.



More information, as well as contact data for our company locations around the world, can be obtained here:

E-mail: [info@comos.com](mailto:info@comos.com)  
Internet: [www.comos.com](http://www.comos.com)

A Siemens Business