# MASTERING PRODUCT DIVERSITY

Variant Management turned on its HEAD

## classix

## VULCAN at a glance

### VULCAN supports you in sustainable variant management.

In a first step, we understand this as the analysis of your existing parts master of your ERP or PDM system by means of our **VULCAN Variance Analyser**, which automatically suggests part groups and subject characteristics in order to recognise and sort the variance already occurring in your products and parts.

Our **VULCAN Parts Specifier** apps help you further design and manage the variance of your products.

The **VULCAN Product Configurator** ensures consistency-free creation of highly complex economic goods. In addition, prices and costs can be calculated in a targeted manner in order to quickly and comprehensibly arrive at an offer and later directly control procurement and production.

### Variant management turned on its head

- Do not first characterise parts and determine the variance with complex sets of rules. No, first determine the variance and then let parts characterise themselves automatically.

- Variance begins in engineering through the parameterisation of parts, drawings and parts lists.

- VULCAN imports this CAD data and creates parameterised parts with parameter-controlled parts lists.

- New product configurations are only created by specifying the parameters. These are exported from VULCAN to the leading ERP system as parts, parts lists and work plan data.

### Use your tools, where and how you want.

Regardless of the end device or operating system, you can use your application from anywhere. All you need is a standard browser and a network connection.
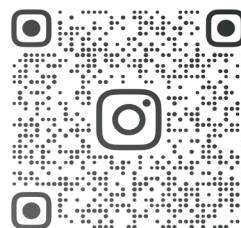
### We are at your side
### with our years of experience at your side.

ClassiX Software GmbH is a member of the VDMA Industry Working Group on Variant Management and has contributed significantly to the VDMA guideline „Variant Management".



### Find us on social media here!



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## Part Specifier Apps (functions)

- **Variant parts**
  By defining variant parts with characteristic strips, the number of parts in the part master is reduced considerably. A variant part is clearly defined in use by the characteristics of its attributes. Distinct variant parts are always grouped together in the system in all processing stages if their characteristics are always the same.

- **Sales sets**
  Defining sales articles and sales sets as roles for variant parts simplifies and structures product definition and configuration in sales (product configurator). The number of variants decreases internally, although the number of variants is obviously maintained externally for the customer.

- **Attributes**
  By using calculating formula attributes or rule-based conditional attributes, the technical data can be determined automatically from sales performance characteristics. The risk of error decreases considerably.

- **(Variant) specification**
  Characteristics of a variant part can be given a number. This makes it easier to deal with variant parts, among other things, because the virtual parts can be named.

- **Variant parts lists**
  By defining variant parts lists, with additional variant parts as items, the design effort is reduced considerably.

- **Gozintograph**
  By combining identical parts from different orders at different production stages, the respective batch size is increased.

- **Purchase requisition**
  By combining variant parts of different orders but with the same characteristics, the effort in purchasing is reduced.

## System properties

- Windows Server 2016-2022, Windows 10/11
- **Object oriented database solution** included in delivery
- Usable in single or multi-user operation
- Based on the flexible **CyberEnterprise business OS**

- **Variant work plans**
  By defining variant routings, the effort required to create production orders in work preparation is significantly reduced.

- **Text article**
  For „exotic" parts that fall completely outside the normal parts spectrum, articles can be processed in the form of pure text processing throughout the system across all business processes. Organisationally, the use of such text articles should be limited to rare extreme cases.
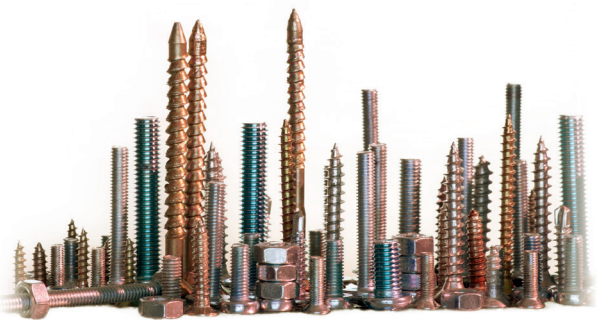
## How VULCAN works with your systems

Without knowing your software landscape: we guarantee to adapt.
**classix solution promise** can always be trusted. VULCAN is as good as all our other products: „Impossibile is not an option"

The CyberEnterprise business OS stands for highest flexibility. Individual adaptations can be realised with little effort even after implementation.

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