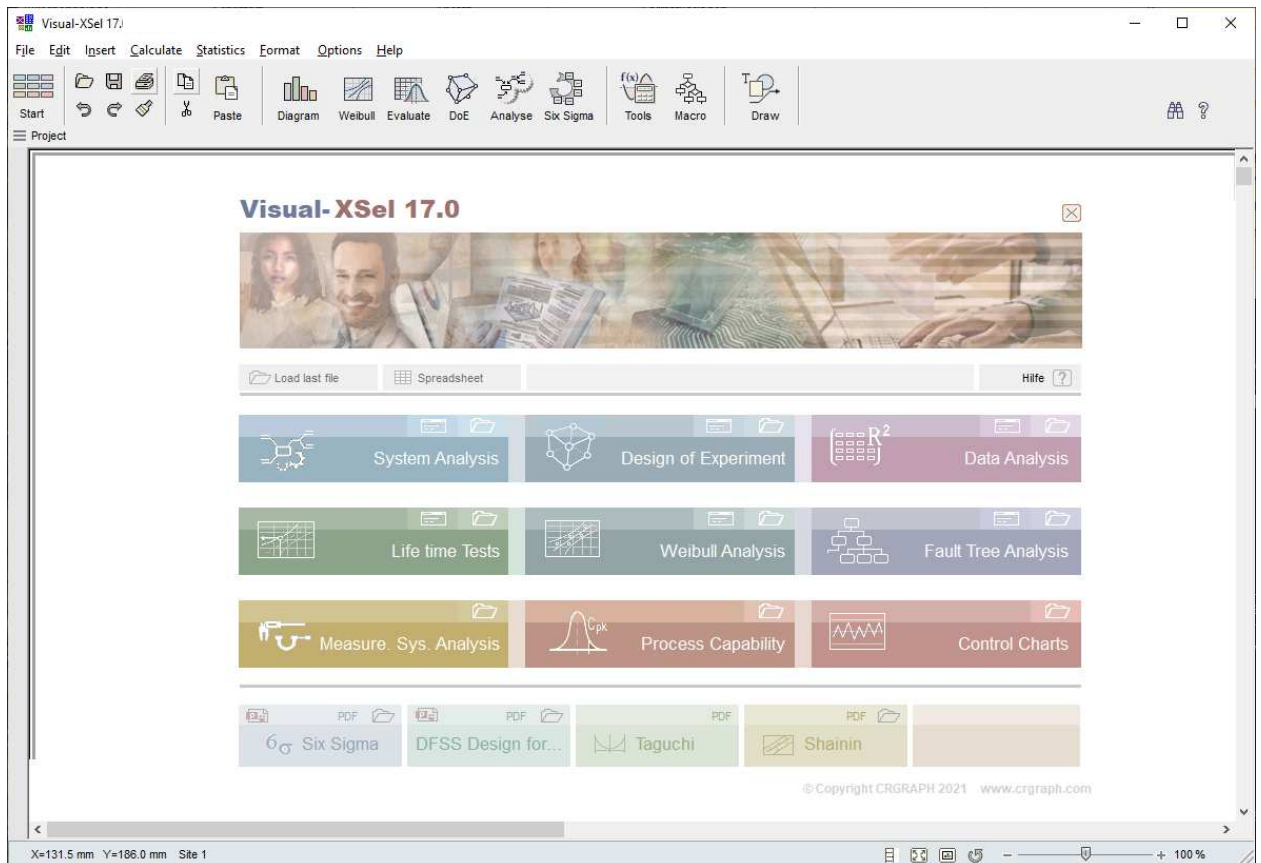
















Visual-XSel 17.0

- **Functional overview**
- **Maintenance**



2023



Versions and Functions	Weibull & DoE	Analyzer
Basis Functions   		
Statistical diagrams Normal-, Weibull-distribution., Pareto, Interval-Plot, Box-Plot, etc.	x	x
Statistical methods, Shainin and others Cross-classified table, component research, comparison, Multi-Vari-Car, etc.	x	x
Programming / macros Dynamic flow diagrams with graphic debugger	x	x
Formula library, sample size calculator, unit conversion Formulas from mathematic, technic, science, statistics etc.	x	x
SixSigma toolset (DMAIC + DFSS) QFD, FMEA, DRBFM, SWOT, SIPOC, VoC, Scorecard, TRIZ	x	x
Weibull & Reliability   		
Statistical distributions Density functions or probability net, folded normal distr., log-norm, mixed distr.	x	x
Weibull-net linear / logarithmic / user defined functions with confidence and formulas, all methods for determining parameters	x	x
Weibull-analyses templates Sudden-Death, prognoses, mixed distributions, comparison, fatigue & strength analyses ..	x	x
Reliability-Block-Diagram for system reliability Integrated Reliability-Blockdiagr. for complex systems	x	x
Fault Tree Analyses FTA Calculation top-down / bottom up, import / export functions, FMEA export etc.	x	x
DoE & data analyses   		
System-analyses & Cause effect diagrams Structure-diagrams with pareto and transfer to DoE	x	x
Statistical experiments / D-Optimal D-Optimal with constrains and inclusions, DSD, Neu: DSD interactions, etc.	x	x
Partial Least Square for high correlating data	x	x
Multivariate methods Principal component analysis / cluster analyses	x	x
DoE creating plans via cause effect diagrams (pareto-method) or via Intensity-Relation-Diagram and import from tables	x	x
Stepwise multiple regression with integrated expert analyses Correlation analyses with grouping, discrete parameters	max. 60 parameters	max. 120 parameters from 250
Fully automatic data analyses (ext. software can use regr. models) With expert knowledge and background evaluation		x
Neuronal Network for approximation of any data course		x
Measurement-System-Analysis & Process capability   		
MSA with ANOVA + discrete attributes Type 1,2,3, Shainin, non-normal + mixed distributions	x	x
MSA after VDA 5 VDA 5 or methods after ISO 22514-7, or MSA 4 edition	x	x
Machine- and Process capability & Control charts Folded normal type 1. & 2. log-normal, Weibull and mixed distributions	x	x
AQDEF data import Templates can read data with AQDEF-format for example from machines	x	x



First steps with Visual-Xsel 17.0 (getting started)

www.weibull.de/COM/Visual_XSel_First_Steps_17.pdf

Price on request

⇒ info@crgraph.de

Maintenance



Help & support during installation, when changing computers or users



You get support for questions about problems with the program, functions and displays, etc. Not included are customer-specific change requests, especially for evaluation templates.



You will receive all updates while the maintenance contract is running (including full version numbers, download only)



Hotline via phone Monday – Friday 08:00 a.m. – 4:30 p.m.
tel.+49 (0)8151-9193638



In the case of a purchase, the maintenance contract is valid for 1 year after order.