COMMERCIAL SOFTWARE

Software	Brand	Sector	Short description
@Risk	Palisade Corporation	Risk Assessment	@RISK is a Microsoft Excel add-in that allows you to analyze risk using Monte Carlo simulation. @RISK shows you practically all possible outcomes for any situation and tells you how likely they are to occur. This means that you can evaluate which risks to take and which ones to avoid.
ACL Analytics by Galvanize	ACL Robotics	Risk Assessment	ACL Robotics is a fully scalable solution designed for data analysis from a Data Driven Continuous Monitoring perspective. Addressed to the internal audit, compliance, risk, IT, accounting & finance functions, the tool allows you to automate controls, build indicators (KPI, KRI, KCI), define collaborative workflows and design dynamic reporting.
Akamai	Akami Technologies	Security	Security Solution. Using the scale of our global platform and its visibility to threats, we partner with you to prevent, detect, and mitigate cyberthreats, on-premises and in cloud environments, so you can build brand trust and deliver on your vision.
Apile	ENSOFT, INC.	Geological Engineering	APILE is used to compute the axial capacity, as a function of depth, of a driven pile in clay, sand, or mixed-soil profiles. Following methods are used for computations of pile capacity: - American Petroleum Institute (API RP-2A) - U.S. Army Corps of Engineers (USACE) - U.S. Federal Highway Administration (FHWA)
Comsol Multiphysics	Comsol	Design and Simulation	COMSOL Multiphysics® is a general purpose software platform designed to model and simulate physics-based problems for electrical, mechanical, fluid, and chemical applications. The Model Builder allows you to combine different physics in any order to simulate real phenomena. The Application Builder offers you the tools to build your simulation apps.

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Cinicalc	CINI	Tools	Cinicalc is an independent calculation tool. The following calculations can be performed: – Economic insulation thickness – Energy loss from non-insulated systems – Energy loss from insulated systems – Temperature gradient in systems with running or stationary product.
Conval	F.I.R.S.T.	Industrial Engineering	CONVAL® has extensive calculation options for components and procedures in the process industry. Proven practices according to DIN, VDI, VDMA EN/ISO standards or ISA, ASME, API etc. are used as a basis. This ensures that the correct calculation basis is always available even in international projects. With the latest version 10 there are many new features and improvements.
Delft3D - Orca	Deltares	Geology	Simulation of multi-dimensional hydrodynamic flows and transport phenomena, including sediments. Delft3D can simulate storm surges, hurricanes, tsunamis, detailed flows and water levels, etc… ORCA is a MATLAB Tool for analysis, classification and transformation of metocean data.
Entrust	Entrust Corporations	Security	Entrust is the exclusive leader in enhanced identity verification. Entrust has built secure connections across the planet. We have enabled reliable credit and debit card purchases with our card printing and issuing technologies.
Flaresim	Softbits Consultants	Oil & Gas	Flare simulation/design application. It models thermal radiation and noise footprints generated by flare systems for offshore platforms, gas plants, refineries and chemical plants, etc ... Softbits Flaresim 5.2.0.1376 breaks down the establishments of any unpredictability with boundless various flare tips on different vertical, flat or slanted flare stacks. By utilizing a wide scope of calculations, clients can show the funnel flares, sonic flares and fluid burners.

SIO Communication & Security

COMMERCIAL SOFTWARE

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GateCycle	GE Power & Water GateCycle	Power Plans Simulation & Design	PC-based software application used for design and performance evaluation of thermal power plant systems at both design and off-design points. For the complete design and analysis of power plants, the GateCycle™ program is a powerful and flexible engineering tool that is surprisingly easy to use. The GateCycle software gives designers the power to model a plant's design-point operation as well as understand and predict changes in a plant's performance with changing loads, ambient conditions and equipment degradation.
Grlweap	Pile Dynamics	Construction Engineering and Simulation	GRLWEAP 14 is a one-dimensional Wave Equation Analysis program that simulates the pile response to pile driving equipment. - Simulates the pile response to pile driving equipment - Calculates soil resistance, dynamic pile stresses, and estimated capacities based on field observed blow count, for a given hammer and pile system - Determines whether a pile will be overstressed at a certain penetration or if refusal will likely occur before a desired pile penetration is reached (driveability analysis)
IS Fuoco	CDM Dolmen	Construction Engineering and Fire Simulation	IS Fuoco is the software for projecting and checking sections under fire conditions. The program carries out REI checks of elements in C.A., in C.A.P. and in steel in fire conditions the Eurocodes and NTC 18. The thermal analysis of the section subjected to a fire load is carried out with the Finite Elements method with three and four nodes and requires integration on the entire domain and in the time of the Fourier equation.
IS Paratie	CDM Dolmen	Construction Engineering and Fire Simulation	IS Paratie is an extremely versatile software for designing flexible containment structures for which the soil-structure interaction is analyzed in a non-linear field with hysteresis taking into account the deformability of the facing.

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LINKpipe	Sintef	Oil & Gas	Software tool for analysis of the criticality of cracks and defects in pipelines and piping systems. It offers fracture mechanics calculations with an accuracy proven by fullscale tests. Structural materials will inherently have cracks and defects. Steel structures like pipelines are subject to extreme loading conditions, thus defects may grow during installation and operation. During the design phase allowable defect sizes that ensure safe installation and operation over the lifetime of the pipeline is determined.
Lpile	ENSOFT, INC.	Geological Engineering	LPILE is a special-purpose program for analyzing a single pile (or drilled shaft) under lateral loading using the p-y method. LPILE solves the differential equation for a beam-column using nonlinear lateral load-transfer (p-y) curves. The program computes lateral deflection, bending moment, shear force, and soil response over the length of the pile.
Mathematica	Wolfram	Tools	Mathematica is a cross-platform symbolic and numerical computing environment, conceived by Wolfram and subsequently developed by a team of mathematicians and programmers. Mathematica uses a powerful interpreted programming language, called the Wolfram language.
Milestones Professional	Kidasa Software	Project Management	Milestones Professional is a project scheduling and management tool, which can be used in conjunction with Microsoft Project, Excel, Oracle Primavera, and more: Milestones Professional makes planning, organizing, communicating and tracking projects fast and easy. Project managers who need to put together presentation ready project schedules will find Milestones Professional to be a scheduling software product that is truly a joy to work with.

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Offpipe	Offpipe	Construction and Oil & Gas	OFFPIPE is a sophisticated, finite element method based computer program. It has been developed specifically for the modeling and structural analysis of nonlinear problems encountered in the installation and operation of offshore pipelines.
Paratie Plus	Harpaceas	Construction Engineering	Paratie Plus is the most complete software for modeling, analysis and verification of flexible retaining structures. Sophisticated elastic-plastic constitutive bonds for soils, different structural elements available and a large catalog of structural sections allow to analyze a large number of problems related to flexible support works.
PHA-Pro	Sphera Solutions	Risk Assessment	PHA-Pro the leading Process Hazard Analysis and HAZOP software, assists organizations with the implementation of risk studies easily and thoroughly, resulting in a more responsive and efficient business process. Used across process industries such as oil and gas, chemicals, and pharmaceuticals.
Piwik Pro	Piwik Pro	Tools	Collect, analyze and activate your web & app data with ease. A flexible analytics suite for marketers and analysts that lets you respect user privacy every step of the way.
Pondus	Sintef	Construction and Oil & Gas	PONDUS is a computer program that computes the dynamic lateral response of offshore pipelines subjected to wave and current action on a horizontal seabed. PONDUS is a FEM formulation, based on 2-D elements which solves, in the time domain, the equations of motion of the pipeline in the horizontal plane using small deflection theory, but accounting for bending deformation effects on axial forces.
PyroSim	Thunderhead Engineering	Fire Simulation	PyroSim is a graphical user interface for the Fire Dynamics Simulator (FDS). PyroSim helps you quickly create and manage the details of complex fire models. PyroSim imports IFC, DXF, DWG, FBX, STL, and FDS files.

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RBCA	GSI Environmental	Risk Assessment	The RBCA Tool Kit for Chemical Releases is a comprehensive modeling and risk characterization software package designed to meet the requirements of the ASTM Standard Guide for Risk-Based Corrective Action (E-2081) for Tier 1 and Tier 2 RBCA evaluations for chemical release sites.
Shear 7	AMOG	Risk Assessment	SHEAR7 is the offshore industry's leading software tool for the prediction of Vortex-Induced Vibration (VIV) with close to twenty years of industry use. The program's forte is the VIV response prediction of offshore structures subjected to spatially varying currents; realistic of ocean environments. The program enables users to estimate structural responses, drag force amplification factors and predict fatigue damage.
Slope/W-Geostudio	Geo-Slope Internat.	Construction and Geology	Geostudio: The modeling software for geo-engineers and earth scientists. SLOPE/W is the leading slope stability software for soil and rock slopes. SLOPE/W can effectively analyze both simple and complex problems for a variety of slip surface shapes, pore-water pressure conditions, soil properties, and loading conditions.
SoundPLAN	SoundPlan	Environmental Engineering	Many planning processes require calculations for noise emissions and air pollution dispersion. SoundPLAN has a uniform software interface for both types of calculations.
Sulsim	Aspen Technology	Oil & Gas	Simulation package that has assisted gas processing and refinery operators to design, evaluate and optimize their sulphur recovery processes for decades.
Tilos	Comunico	Construction Engineering and Project Management	Tilos combines the features of a design program with a Project Management application and is designed to plan and manage linear engineering projects such as highways, railways, tunnels, etc. The main improvement of TILOS compared to traditional systems, concerns the connection between the time schedule and the geographical information of the project under construction.