

شرکت مشاوره ای و تحقیقاتی مهندسی معدن و علوم زمین (زمین کاوان قرن)

تنها مجری تهیه و فروش و آموزش نرم افزارهای تخصصی مهندسی معدن و علوم زمین در ایران با بیش از ۴۰۰ نرم افزار مهندسی معدن و علوم زمین در ایران و خاورمیانه

شرکت مشاوره ای و تحقیقاتی مهندسی معدن و علوم زمین (زمین کاوان قرن)

لیست نرم افزارهای معدنی (استخراج، اکتشاف، فرآوری)، سازه (طراحی، LSF)، بهینه سازی Nesting.

مکانیک سنگ، ژئوتکنیک، جوشکاری، عمران، متالورژی، ژئوفیزیک، ژئوشیمی، مغناطیس، برق، خاک و پی، سد و تونل

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NO.	Name	Description
1	Datamine V2.1 &V3.24 OP,RM,EM	Exploration, geology, geochemistry, orebody modelling, underground and open pit mine design and production planning
2	Downhole Explorer V3	Drillhole log and section Plotting
3	WinFence V1.16	The program can be used to interpret and map soil and rock layers, contamination, fossils, minerals and hydrocarbons.
4	WinSieve V1.12	WinSieve can be used to quickly enter, edit and print grain size analysis charts. Each grain size analysis test can include sieve data, washed sieve data, and hydrometer data as specified in ASTM Test Method D-422.
5	PocketESA 1.02	This program is used to collect answers to pre-designed questions during the site reconnaissance.
6	WinLog 4.21	WinLoG can be used to quickly create, edit and print geotechnical, environmental, mining, water well, oil & gas, and transportation borehole logs.
7	EarthworksInTouch V2.0.1438.0	is a versatile virtual world modeling, immersion and navigation product designed to meet the needs of users in the mineral resources industries
8	LogMate V3.0.2.0	LogMate is a small easy to use data logging system ideally suitable for recording drillhole logging information in the field.
9	Mica V3.1.5.0	MICA uses a lease or well as the basic working unit to manipulate data
10	MicroModel V6	MicroMODEL (Seams) is a powerful, interactive, layered deposit modeling and mine planning system
11	Mine 2-4D V10,11,12	The Mine2-4D is a software package that takes your mine to the 4th dimension. It is for underground mine scheduling (the 4D in Mine2-4D).
12	MineMAXScheduler	Production Scheduling in mines
13	MineMAXPlanner V2.32	Pit Optimizatoin
14	ChemStat V5.2.0.0	ChemStat is an application for the statistical analysis of ground water monitoring data at RCRA facilities.
15	Spectraforms V1.4.0.1	
16	Infinite Extent V4.0.9.0	Infinite Extent is a computer program designed to estimate aquifer parameters from pumping test data
17	SieveGraph V1.3.2	SieveGraph is designed to provide high quality sieve and hydrometer plots from geotechnical data.
18	StepMaster 2.0.9.2	StepMaster can be used to analyze a variety of tests including constant discharge, variable discharge step test, and recovery tests.
19	Super Slug 3.1.9	Super Slug is a program developed to help ground water scientists evaluate slug test data.
20	PolyMap V6.0	PolyMap is a powerful, interactive, graphical geologic modeling and pit planning system designed to enhance the useability of MicroMODEL.
21	EarthworksProduction Schedule	Production Scheduling in mines



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22	RockPack V3.1.0.0	RockPack III for Windows includes programs entitled: PLANE, RAPWEDGE, CMPWEDGE, and TOPPLE. These programs are used to calculate safety factors for potential failures identified by the user as being kinematically possible through stereonet analysis.
23	MohrView V2	MohrView provides highly customizable, professional quality plots of Mohr circle and Coulomb failure envelopes.
24	EZVolStockpileVolume Calculation Tool V6.1A	The Ezvol program allows the user to calculate the volume of a stockpile.
25	PotentMFCApplication 1.0.0.1	<i>Potent</i> is a program for modelling the magnetic and gravitational effects of subsurface structures
26	StreoStat V1.3.0.114	To drawe all types of diagrams
27	Super Slug V3.19	Super Slug is a program developed to help ground water scientists evaluate slug test data.
28	Earthworks Terrain V1.5.1135	Earthworks Terrain provides you with a friendly and familiar interface which enables the contouring and visualization of terrain and other surfaces.
29	Earthworks VROOM V1.8.1.0	Earthworks VROOM! is a virtual world modeling and terrain navigation program
30	EarthworksMultiMine V3.2.0.4	Multimine Scheduler allows you to combine the pushback resources from two or more NPV Scheduler projects. The Scheduler operates in the same fashion as scheduling a single project in NPV Scheduler
31	EarthworksOreFinder	OreFinder employs the Floating Stope technique for determining the optimal stoping limits in an underground mine
32	Earthworks Present	Earthworks Present is a powerful tool to present and print the datamine and other mining softwares outputs.
33	EarthWorksViewPoint	Earthworks ViewPoint enables you to import data from 3rd party software programs, such as CAD files, and then visualize and export views of three dimensional objects.
34	Plaxis 3d Tunnel V2	Plaxis 3d Tunnel is a specifically intended for the analysisof deformation and stability in tunneling Projects
35	Lusas V13.3	A finite element software for structures analysis
36	Plaxis 7.2 & 8.2	Plaxis is a finite element package specifically intended for the analysis of deformation and stability in Geotechnical engineering Projects
37	Echant 2.0	Data of maximum reliability must be obtained before decisions can be made concerning: <ul style="list-style-type: none"> - process development, - site diagnosis, - plant audits. <p>Such data generally are acquired by the measuring of parameters obtained from individual samples; only rarely are they based on batch measurements, e.g. radioactivity and temperature. Sampling aims at representing a batch of material through a small fraction of it. Many factors can interfere with sampling, such as systematic bias, nugget effects, size of the components sampled, type of sampling, etc. Therefore, a Sampling Plan or Flowsheet must be adapted to the specific characteristics of the batch and the units to be sampled, i.e. content, concentration, humidity, size, etc. This flowsheet helps overcome the problem of distribution heterogeneity.</p>
38	Gemcom Gems 6.7	Orebody modeling, open and underground mine design, ...
39	GeoSlope Ofcice V2012 Release 2014	A complex of softwares for slope and water movement analysis in soil areas.
40	Phase 2 v5.047 & V6,V7	Phase2 is a powerful 2D elasto-plastic finite element stress analysis program for underground or surface excavations in rock or soil.
41	Rockworks 2015	RockWorks2004 is the newest version of RockWare's integrated geological data management, analysis, and visualization software package
42	Logplot 2005 and 2007,2015	Boring log plotting software for the civil, environmental, mining and petroleum geoscientist.



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43	Surfer 8.05 & V9	A software for Topography and surface fitting
44	Flac 3d V5.01 32,64 bit	Fast Lagrangian Analysis of Continua in Three Dimensions
45	GEO-SLOPE Vadosew V1.12	
46	GEO-SLOPE Seep3D 1.12	
47	GeoStudio 6.02	
48	Surpac DrillKing V5	DrillKing is designed to be an easy to use program to assist in the recording, management and reporting of borehole/drillhole data
49	Aqqua v1.0	A spreadsheet that knows how to convert units, check your analyses for internal consistency, graph your data in the ways you want it graphed, and so on.
50	Mill Blast	Pattern design, fly rock
51	Flac2d V7	Fast Lagrangian Analysis of Continua in Two Dimensions
52	Falc Slope v7	User Friendly code that models slope stability problems under a wide variety of slope condition
53	Udec V6 32bit,64bit	The Universal Distinct Element Code (<i>UDEC</i>) is a two-dimensional numerical program based on the distinct element method for discontinuum modeling.
54	3Dec V5 32/64 bit	<i>3DEC</i> is a three-dimensional numerical program based on the distinct element method for discontinuum modeling
55	Pollute V7(GAEA)	POLLUTEv7 can be used to provide fast, accurate, and comprehensive contaminant migration analysis capabilities.
56	WinGslib V1.5.8	A software for geostatistics affairs
57	GMS4.0	Ground Water Modeling System
58	WMS7.0	WaterSched Modeling System
59	Remediation Toolkit	
60	OPSA (Online Particle Size Analyzer)	Image analysis and fragmentation software
61	Visual MODFLOW4.0 & 5 & 2010	Visual MODFLOW is the most complete, and user-friendly, modeling environment for practical applications in three-dimensional groundwater flow and contaminant transport simulation.
62	GeoTechnical Graphics 2002	
63	Quick log	QuickLog greatly speeds and simplifies the process of creating boring log/well construction diagrams
64	MineMatch	It provides a standard framework and vocabulary for describing mineral deposits and mineral deposit models.
65	GeoRock	This program offers the capability of simulation falls of rocks along an incline utilizing the two most common methods current: Colorado Rockfall Simulation Program (Pfeiffer & Bowen 1989) and Lumped Mass method.
66	LoadCap	Calculation of critical load on loose soils according to Hansen, Terzaghi, Meyerof, and Vesic and of foundations on rock according to Terzaghi and Zienkiewicz.
67	Slope	Slope stability Analysis
68	StaticMan	Static Probing provides a tool for the recording, management, processing and archiving of readings obtained by static penetrometry instruments
69	Stratigrapher	Stratigrapher is a program for the graphic/textual documentary representation, in columnar form, of results of field survey combined
70	Trispace	Trispace fills the need to perform three dimensional studies of terrains
71	ALP	ALP (Analysis of Laterally Loaded Piles) is a program that predicts the pressures, horizontal movements, shear forces and bending moments



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		induced in a pile when subjected to lateral loads, bending moments and imposed soil displacements.
72	Brick	<u>Brick</u> The BRICK model of soil behaviour has been described by Simpson (1992a,b).
73	FREW	FREW (Flexible REtaining Walls) is a program that analyses flexible earth retaining structures such as sheet pile and diaphragm walls.
74	SAFE	SAFE is a program designed to carry out finite element computations for geotechnical problems.
75	STAWAL	STAWAL - Stability of retaining Walls. STAWAL can be used for the analysis of cantilever (Fixed earth) or propped (Free earth) retaining walls, e.g. sheet pile or diaphragm walls.
76	TUNSET	TUNSET analyses the ground movements induced by tunnelling or mining works, in terms of three dimensional displacements and horizontal strains.
77	VDISP	VDISP calculates the settlements (and stresses if required) within a linear or non-linear lastic soil mass.
78	Aquifer Win32	AquiferWin32 is for the analysis and presentation of aquifer tests including pump tests, slug tests and step tests.
79	Geosolve WallAP	The industry standard sheet pile and diagram wall program
80	Geosolve Slope	Slope stability analysis
81	Visual Sunt V7	VisualSunt is your Windows solution to process Seismic reflection.
82	Win_Downhole V2.2	Win_Downhole is your Windows solution to process downhole seismic.
83	WinSev V6.1	The WinSev 6 program is designed for the processing of electrical soundings made using the Schlumberger, Wenner or the pole-pole (also called twoelectrode or dipole) spreads
84	WinSism V10	WinSism is your Windows solution to process Seismic Refraction.
85	Rockware visual seismic	2D,3D and 4D seismic and GPR visualization and interpretation
86	Seep/W	GroundWater seepage analysis
87	Seep3D	Three-dimensional saturated/unsaturated groundwater seepage
88	Slope/W	Slope Stability analysis
89	Quake/W	Finite element dynamic earthquake analysis
90	Ctran/W	Contaminant transport analysis
91	Temp/W	Geothermal analysis
92	Vandose/W	Comprehensive vandose Zone analysis
93	Sigma/W	Stress and deformation analysis
94	Surpac v6.6.2 32/64bit	General Minig Software, Orebody modeling, Open and Underground mine design, Scheduling, ...
95	Z-Soil 2D 2003	Soil,Rock and underground structures mechanics on microcomputer using plasticity theory
96	Surplan 5m	Activity based underground coal scheduling
97	Xplorepack 5m	An exploration product for the graphical extraction of drillhole section
98	Swedge	Swedge is an easy to use analysis tool for evaluating the geometry and stability of surface wedges defined by two intersecting discontinuity planes and a slope surface.
99	Unwedge	Unwedge is a 3D stability analysis and visualization program for underground excavations in rock containing intersecting structural discontinuities.



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100	Examine2d	Examine2D is a very fast two-dimensional indirect boundary element and displacement discontinuity program for calculating stresses and displacements around underground and surface excavations in rock.
101	Examine3D	Examine3D is an engineering analysis program for underground excavations in rock. Examine 3D was developed mainly for stress analysis
102	Rockdata	RocData is a Windows-based program for determining the parameters of different linear and non-linear strength envelopes for rock and soil, based on the analysis of triaxial or direct shear strength data.
103	RocFall	RocFall is a statistical analysis program designed to assist with assessment of slopes at risk for rockfalls.
104	RocPlane	RocPlane is an interactive software tool for performing planar rock slope stability analysis and design.
105	RocSupport	RocSupport is an easy to use software tool for estimating deformation in circular or near circular excavations in weak rock and visualization of the tunnel interaction with various support systems.
106	Slide	Slide is the most comprehensive slope stability analysis software available, complete with sensitivity, probabilistic and back analysis capabilities.
107	Dips	Dips is designed for the interactive analysis of orientation based geological data.

108	Vista 2013	VISTA 2D/3D Seismic Processing System, In VISTA you will find the most current seismic processing techniques and many new ideas in quality control and quality assurance. • Read 2D or 3D data in a variety of formats from disk or SCSI device (Exabyte, 3480, Dat ...etc.) • Transfer some or all of the data header information to internal VISTA headers using "dictionaries" to "translate" them. • Enter 2D or 3D geometry information. • Create Sort Indexes to let you access or process your data in any desired order. • Graph or cross-plot one or more header items or display them with seismic data. <ul style="list-style-type: none"> • Examine and display header items on a geometry map and place them at shot, receiver, or CMP locations. • Use a wide variety of display tools to QC positional and seismic data together. • Use the large inventory of seismic processing algorithms to create seismic processing "Flows" and execute them. geophysycs
109	Omni 3d V12	Seismic Image Software. geophysycs
110	MineSched V9 32/64bit	Mine Scheduling software of OpenPit and Uderground Mines.
111	USIMPAC3.0	USIM PAC is a powerful process simulation software packag. It is a user-friendly steady-state simulator that allows mineral processing engineers and scientists to model plant operations with available experimental data and determine optimal plant configuration that meets production targets. The simulator can also assist plant designers with sizing unit operations required to achieve given circuit objectives.
112	BILCO3.0	The BILCO software offers an interactive, quick and accurate way of solving material balance problems in a vast number of applications. In just minutes, BILCO can provide solutions for flow management problems such as in the case of pollution balances, urban and industrial waste management, or for complex flowsheet problems in mineral or food processing plants, chemical or petrochemical plants. BILCO can also be used for all types of balancing problems for chemical analysis (fitting up to 100% and estimating accuracy of analysis), mineralogy



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		(fitting with chemistry), definition of sampling strategies, mixing and blending, etc.
113	MODSIM Professional	Modular Simulator for Ore Dressing Plants
114	Helix delta-T version 5	Helix delta-T Conveyor Design Program - an essential tool for engineers, contractors and plant operators to quickly and easily optimise Conveyor system designs. Automatic Selection of Belt and Tension, Power Calculations, Equipment Selection from Databases for Belts, Idlers, Pulleys & Shafts, Gearboxes, Motors, Fluid Couplings, Brakes etc. Create a 3D model of the conveyor. Calculate Vertical Curve radii and super-elevation (banking) angles for Horizontal curves. Add any number of Conveyor Pulleys, Drives, Loading points, Trippers, Brakes etc. Over 60 reports can be viewed, printed or exported to Word, PDF files or Excel etc. This new version calculates the transient belt Tensions and Velocities during starting and stopping of a conveyor. It can model the conveyor belt transient behaviour during Starting Fully Loaded, Starting Empty, Stopping Fully Loaded and Stopping Empty. The program allows the user to input any number of Drives or Brakes and allows for input of Drive Torque / Speed curves, Delay times, Braking Torques, Flywheels and inertia effects. After the Dynamic Calculations have been performed, the user can view and Print two dimensional and surface plot three dimensional graphs for Belt Tensions, Belt Velocities, Strain rates and Takeup movement versus time step for all points along the conveyor.

115	Helix delta-Q version2	Helix delta-Q version 2 Pump & Pipe Flow Analysis Program - an essential tool for engineers to quickly and easily optimise pipe networks for compressible and incompressible fluids.
116	Xemplex version2.2	The XempleX Professional product has been developed to provide the business community with a business intelligence and modelling tool that allows the user to make informed decisions. XempleX Professional is different from other tools because the models are built in a visual environment. This means that the logic of a process or calculation is drawn like a flowchart, rather than being written in hard to follow scripting or macro languages. XempleX Professional is designed for the general user, allowing them easily to extend and modify models to meet their specific requirements, without the need for assistance from IT professionals. XempleX Professional is not restricted to any problem domain or industry. It is ideal for financial modelling, technical calculations, feasibility studies, and integrating information from multiple sources for any kind of analysis. XempleX Professional links to a wide range of data sources including databases, spreadsheets and other applications such as ERP systems.



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117	ModelVision Pro V7.01.09	ModelVision Pro is an interactive geophysical modelling package for the display, analysis and simulation of magnetic and gravity data.
118	QuickMag V2.0.24	This powerful modelling system utilises expert systems research to hide much of the complexity involved in 3D magnetic modelling. By reducing the number of manual steps required to analyse a magnetic source, the time that a typical 3D modelling exercise takes has been reduced from several hours to less than 30 seconds.
119	Qualitek-4	Automatic Design and Analysis of Taguchi Experiments
120	NPVScheduler V3.4 & 4.24	NPV Scheduler locates the economic limits to mining an open pit (the ultimate pit) for any defined set of economic parameters. Once the ultimate pit has been located, the blocks inside the pit are sequenced to deliver either the highest possible net present value, or, to deliver an optimally blended product over the life of the mine. The optimal extraction sequence is then used to create a set of pushbacks or stages by applying minimum access width criteria and other user definable controls. The benches within each pushback can then scheduled to satisfy any number of practical mining, haulage, processing and economic constraints. A haulage simulation model can be defined with multiple ore and waste destinations which permits a one-step optimization of the life of mine haulage plan. The schedule can also be re-evaluated using variable economic parameters, alternative stockpiling strategies (NPV Scheduler+) and variable cutoff grades (NPV Scheduler+MFO).
121	Criterion DecisionPlus	When faced with a complex decision, we are often somewhat uneasy about working through the problem logically and making the best decision based on the available information and understanding of the issues. This section presents a decision process for working through the problem and shows how DecisionPlus uses this process to make this task easier.



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122	<i>Exper Choice VII</i>	<p>Expert Choice (EC) software is a multi-objective decision support tool based on the Analytic Hierarchy Process (AHP), a mathematical theory first developed at the Wharton School of the University of Pennsylvania by one of Expert Choice's founders, Thomas L. Saaty. The AHP is a powerful and comprehensive methodology designed to facilitate sound decision making by using both empirical data as well as subjective judgments of the decision-maker.</p> <p>The AHP assists with the decision making process by providing decision-makers with a structure to organize and evaluate the importance of various objectives and the preferences of alternative solutions to a decision.</p>
123	<i>GS+ V10</i>	<p>GS+ is a geostatistical analysis and mapping program that allows you to readily measure and illustrate spatial relationships in geo-referenced data.</p> <p>GS+ analyzes spatial data for autocorrelation and then uses this information to make optimal, statistically rigorous maps of the area sampled. The maps can be created in GS+ or in other mapping programs or geographic information systems.</p>
124	<i>O-Matrix 5.8</i>	<p>O-Matrix is a complete, object-oriented analysis and visualization environment for scientists, engineers, numerical analysts, students, and anyone performing numerical or visual oriented analysis. Development in O-Matrix is a time and cost saving alternative to programming in compiled languages such as C or FORTRAN. Analysis and development efforts can be performed in a fraction of the time required using traditional languages or typical integrated mathematics tools.</p>



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125	<i>I Log OPL Studio V3.7.1</i>	<p>ILOG OPL Studio is an integrated development environment for mathematical programming and combinatorial optimization applications. It is the graphic user interface for the OPL modeling language. All development effort is supported through the various modules accessible via ILOG OPL Studio.</p> <p>With ILOG OPL Studio, you can:</p> <ul style="list-style-type: none"> • create and modify model and project files using the editing capabilities • execute a model or project • debug OPL statements using the debug facilities • visualize OPL results, using 2D graphic representation or textual representation • dynamically visualize the state of variables during the search for a solution • display the constraint programming search tree • select mathematical programming options • connect to a database • work with OPLScript, the OPL scripting language • generate a compiled model
126	<i>TreeAge</i>	Decision tree creating software.
127	<i>PertMaster</i>	Risk Analysis Software
	<i>Premium Solver Platform</i>	<p>The Premium Solver Platform is a fully compatible upgrade for the Solver bundled with Microsoft Excel, which was developed by Frontline Systems for Microsoft. The Premium Solver Platform V6.5 is a major release with new features for:</p> <ul style="list-style-type: none"> • Solution of linear (LP) and quadratic (QP) programming problems up to 8,000 variables, with high performance Branch & Cut methods for mixed-integer (MIP) problems up to 2,000 integer variables. Version 6.5 solves LP problems several times faster than Version 6.0, and it can be 10 times faster or more on LP/MIP problems.



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128		• Automatic transformation of models to replace certain discontinuous or non-smooth functions such as IF, MIN, MAX, ABS, AND, OR, NOT and operators such as <, <=, >= and > with new variables and constraints that are smooth and often linear – so they can be handled by the powerful LP/Quadratic Solver.
129	<i>Whittle 4X V4.6</i>	Strategic Mine Planning
129	<i>EMVision</i>	EM Vision is a software program for the display, analysis and Modelling of time domain electromagnetic (TEM) geophysical data. EM Vision blends the operations of many different processing and modelling tools into a common operating environment (see Algorithm). The analysis and display of data are essential operations of EM Vision.
130	<i>Profile Analyst 2014</i>	geophysycs
131	<i>Oasis montaj V8.3.3</i>	Oasis montaj Mapping and Processing System is Geosoft's core software platform for working with large volume spatial data and provides the functionality required to manage, manipulate, visualize and map spatially located Earth Science data.
132	<i>Rift</i>	TAILIINGS DEPOSITIION MODELLIING SOFTWARE
133	<i>VentSim Visual V3.8</i>	Ventilation Design Software
134	<i>MineSightV3.5</i>	
135	<i>Palisade @Risk Decision Tools Suite</i>	
136	<i>COMFAR 3 Farsi/English</i>	
137	<i>MaxiPit V4.0</i>	



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138	<i>ViewLog3</i>	
139	<i>Oasys_Slope_18_2_1_3 & V18.2.2.1</i>	
140	<i>Fusion_2007</i>	
141	<i>Operation Scheduler</i>	
142	<i>Vulcan V6+SP3, Vulcan7,7.5 V8.0.3,V8.1,V9.0.1,V9.1</i>	
143	<i>OCS Metso</i>	
144	<i>Map3d</i>	
145	<i>Risk Analysis</i>	
146	<i>VUMA</i>	Ventilation Software
147	<i>DBS Blasting</i>	Blasting Software
148	<i>All geo&soft</i>	
149	<i>RMScheduler v3.2</i>	
150	<i>Microlynx</i>	Mine Design Software
151	<i>All Geostat Softwares</i>	
152	<i>DATA FIT 9</i>	
153	<i>Coreview</i>	
154	<i>MicroMine10.1.9</i>	Exploration, geology, orebody modelling, underground and open pit mine design and production planning
155	<i>Plaxis3D Foundation V1.5</i>	
156	<i>Frontline Systems Premium Solver Platform V8.0</i>	
157	<i>Geosoft Target6.4.2 and 7</i>	



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158	<i>Geosoft Target for arcgis2.2 and 3</i>	
159	<i>Res2Inv</i>	
160	<i>Seisimager</i>	
161	<i>RayFract</i>	
162	<i>Geomatica 10</i>	
163	<i>Arena VII</i>	
164	<i>Erdas Imagine9.3</i>	
165	<i>Whats` the best 9.0</i>	
166	<i>Lingo VII</i>	
167	<i>PipeData-PRO 8.0</i>	غیر معدنی
168	<i>Welderqual</i>	غیر معدنی Welding
169	<i>Weldcoor</i>	غیر معدنی Welding
170	<i>NDTspec</i>	غیر معدنی Welding
171	<i>Weldspec</i>	Welding
172	<i>Thermo-Calc</i>	غیر معدنی
173		
174	<i>PIPE2008</i>	غیر معدنی
175	<i>Aimms3.9</i>	
176	<i>Trading Solutions</i>	
177	<i>PipeFlow Expert</i>	غیر معدنی
178	<i>Pipeflow wizard</i>	غیر معدنی
179	<i>Pipeflow advisor</i>	غیر معدنی



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180	<i>Caepipe V6.0</i>	غیر معدنی
181	<i>Designfoil</i>	
182	<i>Maxwell</i>	
183	<i>SoilVision Office2009</i>	
184	<i>RadExProPlusAdvanced_3.95</i>	
185	<i>LateralK</i>	
186	<i>NovoLiq</i>	
187	<i>NovoSPT</i>	
188	<i>Compublast</i>	
189	<i>Geo2x</i>	
190	<i>LisCad6.1</i>	
191	<i>MineBlast Data</i>	
192	<i>Minesight 4.5</i>	
193	<i>Talpac9.4</i>	
194	<i>Split Dektop3</i>	
195	<i>Gemcom Minex 6.4</i>	
۱۹۶	<i>LeapFrog3d V2.3.1.13,2.4.1.209, V2.5, V2.6</i>	<p>Leapfrog is a 3D geological modelling software that allows rapid construction of geological wire-frames directly from scattered drill hole data without the need for manual digitisation.</p> <p>Some unique features and benefits of Leapfrog are:</p> <ul style="list-style-type: none"> Leapfrog is the first software that allows the construction of geological models using 3D interpolation technology. This new method of geological modelling is termed implicit modelling. Implicit modelling, in contrast to traditional explicit modelling, does not require time-consuming manual digitisation. This effectively compresses the time required for modelling from days to hours.



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		<p>Recently developed rapid 3D interpolation (FastRBF™) engine is used to construct 3D grade boundary models from</p> <ul style="list-style-type: none"> • drill hole data, and these new techniques were refined and modified to suit geological modelling problems. • Leapfrog was designed and developed specifically for geologists in the mining and exploration industries. <p>• Leapfrog's streamlined workflow is simple to understand, learn, and operate. A user who may not be familiar with mining software packages can learn the basic Leapfrog modelling techniques in about four hours.</p> <ul style="list-style-type: none"> • نرم افزاری جهت تولید شکل ماده معدنی و تخمین آن بدون کشیدن خط و حجم در سریعترین وقت ممکن
۱۹۷	<i>GTS Tunnel</i>	
۱۹۸	<i>METSIM 17.09,20</i>	Mineral Processing
۱۹۹	<i>FeFlow V6.2</i>	
۲۰۰	<i>GoldSize</i>	
۲۰۱	<i>BlastPlanPro</i>	Blasting Software
۲۰۲	<i>Studio5D Planner</i>	
20۳	<i>SOT</i>	برنامه ریزی تولید معدن
20۴	<i>MineTrust</i>	
20۵	<i>IRing</i>	طراحی آتشیاری
20۶	<i>MineCad</i>	
20۷	<i>ITASCA BloUp</i>	طراحی آتشیاری بوسیله روشهای عددی Blasting Software
20۸	<i>Wildginger</i>	تمامی نرم افزارهای موجود در سایت جهت طراحی لباس http://www.wildginger.com/
20۹	<i>DressShop Pro V9.0.9a</i>	نرم افزار طراحی لباس
۲۱۰	<i>Nirvana Plus2D V9,Plus1D</i>	Nesting برای تهیه کارت برش بهینه قطعات می باشد
21۱	<i>ITASCA Suit</i>	UDEC 6(32/64 BIT),3DEC 5(32/64 BIT),PFC SUIT 5(PFC3D/2D 64BIT),FLAC2D 7,FLAC3D 5.01(32/64 BIT),PFC2D 4,PFC 3D 4,KUBRIX V15
۲۱۲	<i>Intrepid</i>	



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۲۱۳	<i>Anime Studio Pro 9.5</i>	انیمیشن
۲۱۴	<i>SeisImager_0214</i>	
۲۱۵	<i>SwanSoft NC Simulation</i>	غیر معدنی
۲۱۶	<i>SIDEWINDER</i>	CONVEYER BELT DESIGNER
۲۱۷	<i>AutoBlogging</i>	غیر معدنی
۲۱۸	<i>EasyFrom</i>	Nesting
۲۱۹	<i>Home Designer Landscape and Deck 2014</i>	غیر معدنی
۲۲۰	<i>Home_Designer_Architectural</i>	غیر معدنی
۲۲۱	<i>Home_Designer_Essentials</i>	غیر معدنی
۲۲۲	<i>Home_Designer_Interiors</i>	غیر معدنی
۲۲۳	<i>Home_Designer_Suite</i>	غیر معدنی
۲۲۴	<i>Mplus Version 7.11</i>	غیر معدنی
۲۲۵	<i>CutLogic V4</i>	NESTING
۲۲۶	<i>cutmaster2dpro v1.3.3</i>	غیر معدنی
۲۲۷	<i>Flow-of-Fluids-12.1</i>	غیر معدنی
۲۲۸	<i>PIPE-FLO-Professional-12.1</i>	غیر معدنی
۲۲۹	<i>PipeFlowExpert2013 v6.39</i>	غیر معدنی
۲۳۰	<i>SoftXpand2011</i>	غیر معدنی
۲۳۱	<i>ETAP V12.6</i>	برق
۲۳۲	<i>ReliaSoft Synthesis 9 ePack</i>	
۲۳۳	<i>DIgSILENT PowerFactory 15.1.2,15.1.6</i>	برق
۲۳۴		



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۲۳۵	<i>EasyFrom</i>	Nesting
۲۳۶	<i>NestFab V1.41 32/64 bit</i>	Nesting
۲۳۷	<i>SoftRock QuickSlope 5</i>	
۲۳۸	<i>SeisImager_0214</i>	
۲۳۹	<i>SoftXpand2011</i>	
۲۴۰	<i>NestFab 32/64 bit</i>	Nesting
۲۴۱	<i>UTMAN</i>	Welding
۲۴۲	<i>AUTMAN</i>	Welding
۲۴۳	<i>InspectionManager</i>	Welding
۲۴۴	<i>Welding Estimator</i>	Welding
۲۴۵	<i>Model Vision Pro 2014</i>	geophisycs
۲۴۶	<i>Encom Discover2014</i>	geophisycs
۲۴۷	<i>Encom Quick Mag3</i>	geophisycs
۲۴۸	<i>UBC_MAG3D</i>	geophisycs
۲۴۹	<i>UBC_GRAV3D</i>	geophisycs
۲۵۰	<i>Engage3D</i>	geophisycs
۲۵۱	<i>GOHFER</i>	نفت و ژئوفیزیک
۲۵۲	<i>Pix4D Mapper</i>	نقشه برداری
۲۵۳	<i>Serva View</i>	سیمانکاری چاههای نفتی
25۴	<i>Midas Civil 2015</i>	عمران
25۵	<i>Midas Gen 2015</i>	طراحی ساختمان
25۶	<i>Midas GTS NX 2015</i>	طراحی تونل- سد معدنی - عمرانی - خاک و پی



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25۷	<i>All Novotech 2014</i>	Novoliq, Novolab, NovoCPT, NovoSPT, NovoFormula, Peysanj
25۸	<i>Petrosim V4 SP1</i>	
25۹	<i>AVEVA PDMS 12.1 SP4</i>	
۲۶۰	<i>Mov3d</i>	نقشه برداری
26۱	<i>JKSimBlast v2.1Windows7</i>	آتشباری معدنی
26۲	<i>ShotPlus5 orica blasting</i>	آتشباری معدنی
26۳	<i>Cormix V9</i>	
26۴	<i>Infolytica ThermNet7.04</i>	
26۵	<i>Mplus 7.11</i>	
26۶	<i>Optisystem V10</i>	اپتیک
26۷	<i>ESbeamtool V5</i>	جوشکاری
26۸	<i>Inspection Manager</i>	جوشکاری
26۹	<i>Crackwise V5</i>	جوشکاری
2۷۰	<i>IntegriWISE V2015</i>	جوشکاری
27۱	<i>NDTspec V4.4</i>	جوشکاری
27۲	<i>Welding Estimator 2014</i>	جوشکاری
۲۷۳	<i>WeldOffice V2014</i>	جوشکاری
۲۷۴	<i>FrameCad Pro V11</i>	سازه LSF
۲۷۵	<i>WipFrag</i>	آنالیز تصویری معدنی
	<i>Zond2d</i>	
	<i>Zondmt2</i>	
	<i>Skua Gocad 2015</i>	
	<i>Midas GTS NX 2018</i>	Geotechnic



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	<i>Midas Civil 2018</i>	Geotechnic
	<i>SoilVision 5</i>	Geotechnic



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