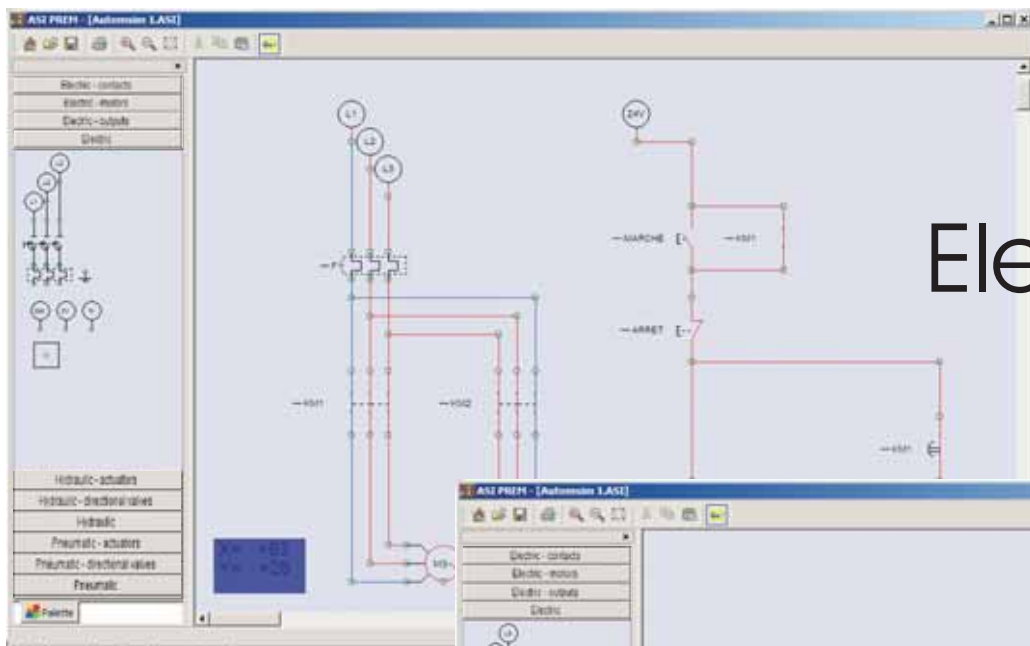


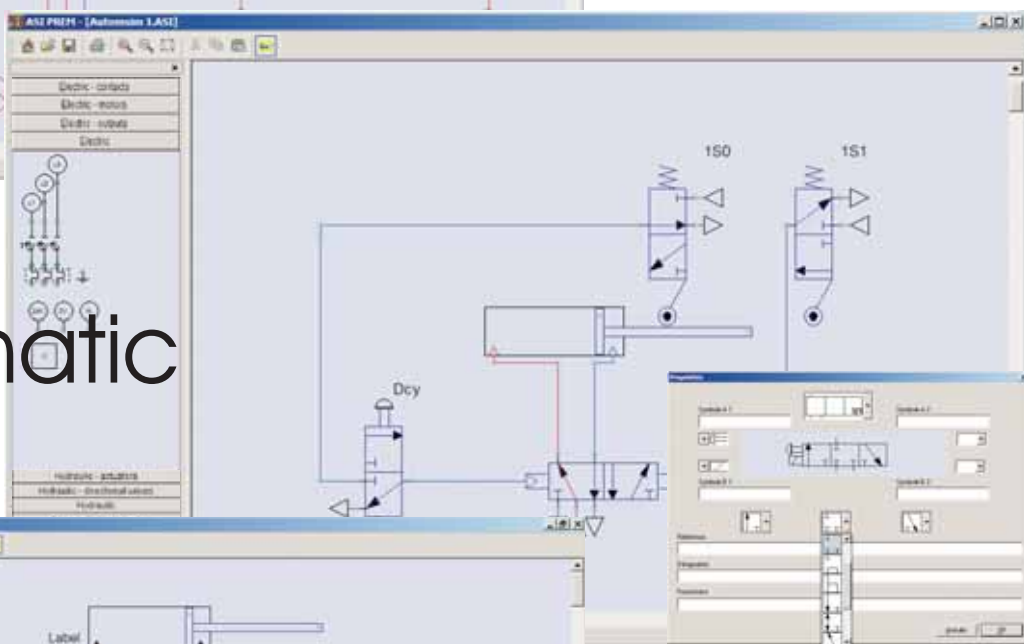
AUTOSIM PREMIUM

electric, pneumatic, hydraulic and digital electronic simulation
(C)2006 IFAI

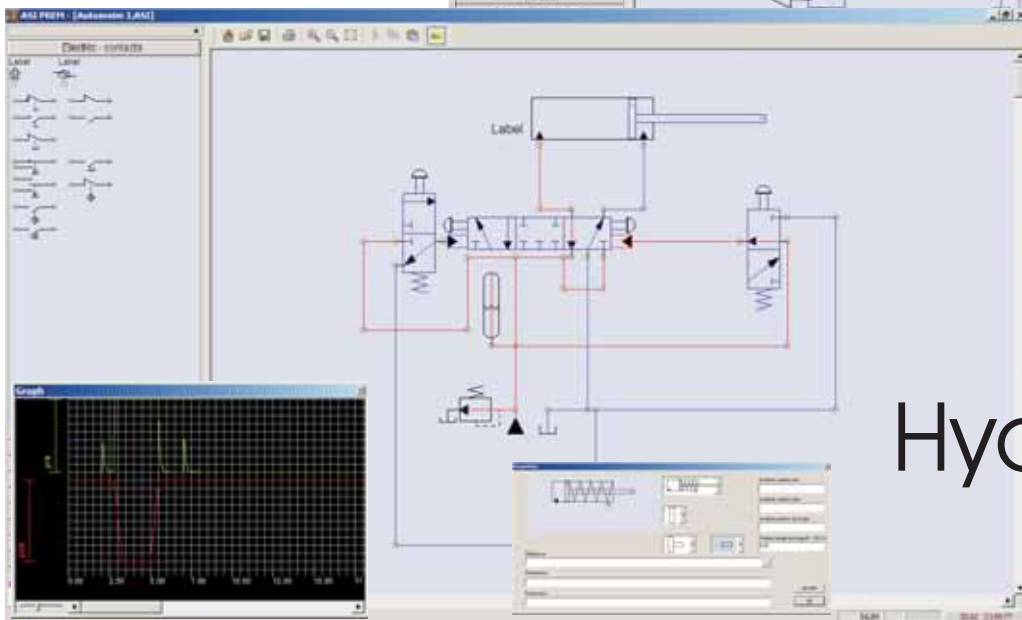
Circuit design and simulation software for electric, pneumatic, hydraulic and digital electronic.



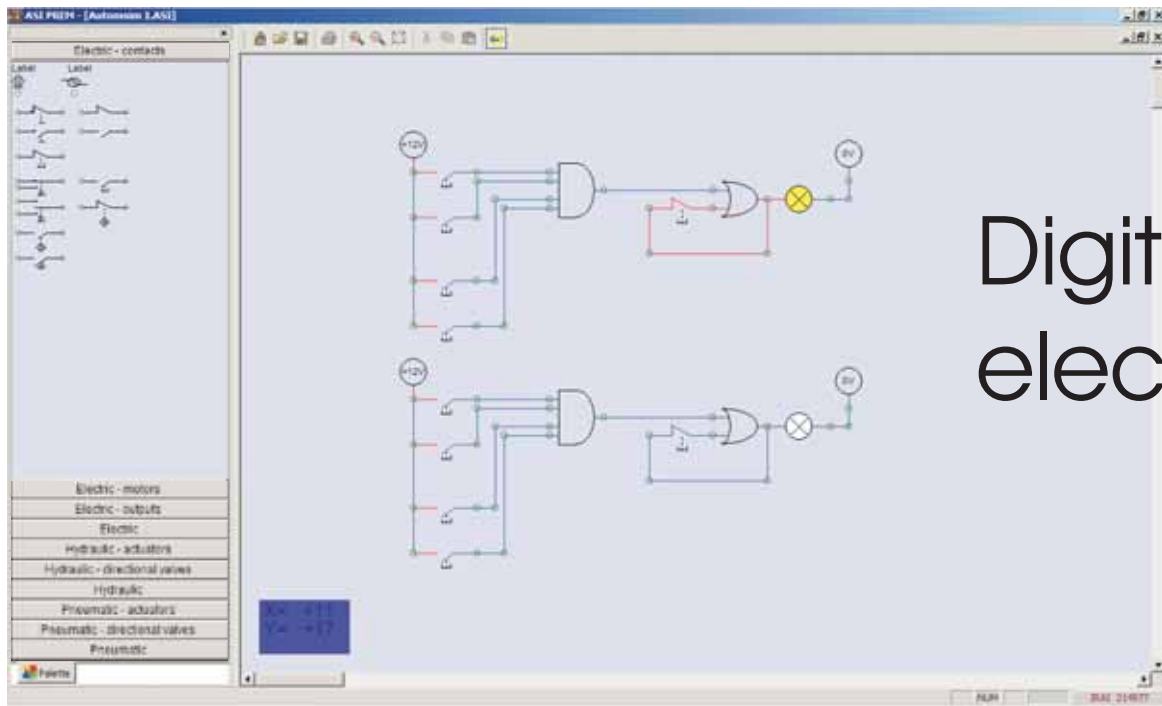
Electric



Pneumatic



Hydraulic



Digital electronic

AUTOSIM PREMIUM main advantages :

- 1- easy to use,
- 2- not expensive : 1/5 of the price of the competitor software,
- 3- large components library (see below),
- 4- extended functionalities : plotting functions, bill of material, drawing export to EMF format (WORD, etc...).

Components list :

Electric (IEC and JIC)

7 segment display ,Coder ,Fuse ,Heating element , Sound signalling hooter ,Thermal relay with safety contact ,Voltmeter ,Block ,2 positions switch ,3 positions switch ,Contact NC ,Contact NO ,Contact with off delay NC ,Contact with off delay NO ,Contact with on delay NC ,Contact with on delay NO ,Contact with on-off delay NC ,Contact with on-off delay NO ,Disconnecting switch with fuse ,Disconnecting switch with switch ,Disconnecting switch ,Magnetothermal disconnecting switch circuit breaker ,Position switch NC ,Position switch NO ,Power contact NO ,Proximity switch NC ,Proximity switch NO ,Push button NC ,Push button NO ,Switch NC ,Switch NO ,Thermal disconnecting switch circuit breaker ,Jump ,Label ,Ac variable speed transmission ,Dc variable speed transmission ,Motor DC current ,Single phase motor ,Three phase motor on single phase source 1 ,Three phase motor on single phase source 2 ,Three phase motor starting star triangle ,Three phase motor with two speed ,Three phase motor ,Coil latch (reset) ,Coil latch (set) ,Coil with double pilot ,Coil with off delay ,Coil with on and off delay ,Coil with on delay ,Coil ,Light ,Solenoid ,Common (0 volt) ,DC power supply ,Ground ,Power supply 24 volts ,Power supply L1 ,Power supply L2 ,Power supply L3 ,Power supply Neutral ,Transformer ,Magnetic sensor ,Proximity sensor.

Pneumatic

Air dryer ,Automatic drain coalescing filter ,Coalescing filter 1 ,Coalescing filter 2 ,Cooler ,Differential pressure gauge ,Filter and separator ,Filter ,Gas-loaded accumulator with separator ,Gas-loaded accumulator without separator ,General accumulator ,Indicator 2 ,Indicator ,Lubricator ,Manual drain coalescing filter ,Manual drain filter ,Pressure gauge ,Pressure reducer ,Silencer ,Vacuum generator ,Valve ,Motor 1 direction ,Motor 2 directions ,Rotary actuator ,Vacuum cup ,Bellow actuator ,Brake ,Double acting cylinder with sensors ,Double acting cylinder ,Single acting cylinder spring exit with sensors ,Single acting cylinder spring exit ,Single acting cylinder spring return with sensors ,Single acting cylinder spring return ,Cylinders\Small ,Cylinders\Brake\Double acting cylinder ,Cylinders\Brake\Single acting cylinder spring exit ,Cylinders\Brake\Single acting cylinder spring return ,Cylinders\Long\Double acting cylinder ,Cylinders\Long\Single acting cylinder spring exit ,Cylinders\Long\Single acting cylinder spring return ,Cylinders\Small\Double acting cylinder ,Cylinders\Small\Single acting cylinder spring exit ,Cylinders\Small\Single acting cylinder spring return ,Directional valves 2/2 ,Directional valves 3/2 ,Directional valves 3/3 ,Directional valves 4/2 ,Directional valves 4/3 ,Directional valves 5/2 ,Directional valves 5/3 ,Check valve ,Pilot to close check valve ,Pilot to open check valve ,Quick exhaust valve ,Throttle one-way ,Throttle ,Variable throttle ,Compressor ,Exhaust ,Plug ,Pressure source ,Compressor\Compressor with three phase motor ,Compressor\Compressor ,Jump ,Label ,AND ,Counter ,INH ,NAND ,NOR ,NOT (2 inputs) ,NOT ,OR ,YES (2 inputs) ,YES ,Conditioning unit with lubricator ,Conditioning unit ,Piloted pressure regulator ,Piloted pressure relief valve ,Pressure regulator ,Pressure relief valve ,Sequence valve ,Variable pressure regulator ,Variable pressure relief valve ,Variable sequence valve ,push button NO ,push button with detent NC ,push button with detent NO ,push button NC ,Not threshold sensor ,Pressure sensor ,Sequencers\Entry module ,Sequencers\Exit module ,Sequencers\Memory with reset activation ,Sequencers\Memory with set priority ,Sequencers\Step module ,Timer with negative output ,Timer with positive output.

Hydraulic

Accumulator ,Air cooler ,Air filter ,Cooler with thermal switch ,Cooler-heater with thermal switch ,Cooler-heater ,Cooler ,Differential pressure gauge ,Filter ,Fluid cooler with thermal switch ,Fluid cooler ,Gas-loaded accumulator without separator ,Heater ,Indicator ,Lubricator ,Pressure gauge ,Pressure indicator ,Spring-loaded accumulator ,Valve ,Weight-loaded accumulator ,Cylinders ,Motor 1 direction ,Motor 2 directions ,Rotary cylinder ,Cylinders\Brake ,Cylinders\Double acting cylinder ,Cylinders\Long ,Cylinders\Single acting cylinder with spring exit ,Cylinders\Small ,Cylinders\Spring acting cylinder with spring return ,Cylinders\Brake\Double acting cylinder ,Cylinders\Brake\Single acting cylinder spring exit ,Cylinders\Brake\Single acting cylinder spring return ,Cylinders\Long\Double acting cylinder ,Cylinders\Long\Single acting cylinder spring exit ,Cylinders\Long\Single acting cylinder spring return ,Cylinders\Small\Double acting cylinder ,Cylinders\Small\Single acting cylinder spring exit ,Cylinders\Small\Single acting cylinder spring return ,Directional valves 2/2 ,Directional valves 3/2 ,Directional valves 3/3 ,Directional valves 4/2 ,Directional valves 4/3 ,Directional valves 5/2 ,Directional valves 5/3 ,Check valve ,Parachute valve ,Pilot operated check valve ,Pilot to close check valve ,Spring loaded check valve ,Throttle valve ,Variable throttle valve ,Plug ,Pressure source ,Reservoir ,Jump ,Label ,Counterbalance valve ,Piloted counterbalance valve ,Piloted pressure reducing valve ,Piloted pressure relief valve ,Pressure reducing valve ,Pressure relief valve ,Sequence valve ,Variable counterbalance valve ,Variable pressure reducing valve ,Variable pressure relief valve ,Variable sequence valve ,Pressure sensor.

Digital electronic

Power sources, 3 to 8 coder, 4 bits comparator, 7 segment decodeur, 8 to 3 coder, BCD decoder, 4 bit asynchronous counter, Down counter, Up counter, Digital voltmeter, Logical probe, Flip-flop D, Flip-flop Jk, Flip-flop Jkt, Flip-flop SR, Flip-flop Srt, Flip-flop T, Logical gates And, Logical gates Nand, Logical gates No, Logical gates Nor, Logical gates Or, Logical gates Yes, Clock, Sequencer, Common (0 volt), Positive power.

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