

# AUTOMGEN<sup>8</sup>



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## Automation software

- PLC programming,
- SCADA,
- realistic 3D process simulation with physical engine,
- electric, pneumatic, hydraulic and digital electronic simulation (with AUTOSIM optional module).



## The most powerful AUTOMATION software in the world

With AUTOMGEN, automation program designing has never been easier.

Users can spend their time on their work without wasting time with complicated handling or complex syntax.

Syntax coloration and automatic error localization make fast corrections possible.

The image displays two windows of the AUTOMGEN V8.2 software. The top window, titled 'Convoyer.agn', shows a ladder logic diagram with steps 1 and 2. Step 1 includes 'push cubes' and 'cube cylinder extended'. Step 2 includes 'cube cylinder retracted' and 'red cube'. The bottom window, titled 'Sorter.agn', shows a more complex ladder logic diagram with steps 1, 2, 3, and 10. Step 1 includes 'x10. x100'. Step 2 includes 'advance cylinder' and 'advance cylinder extended'. Step 3 includes '200ms / advance cylinder retracted' and '0ms / 200ms'. Step 10 includes 'x3 red cube. advance cylinder retracted'. Both windows feature a 3D IRIS 3D view of the conveyor system, showing various components like conveyors, sensors, and storage bins. A file explorer window is also visible, listing various 3D object files.

The organization of the applications in project form makes it possible to manage them in a rational way, no matter what their sizes.

AUTOMGEN is also used in industry, which is a guarantee of the product's performance.

# Technical characteristics

## Recommended configuration:

Microsoft WINDOWS 98SE, ME, 2000, XP, 2003, 256 MB RAM, video 1024 x 768 16 bits.

## Programming languages:

Ladder, Logic, Flow chart, Literal, Function blocks, Grafcet/SFC, CEI 1131-3.

## Compatible PLCs or targets :

SCHNEIDER (PB, SMC, TSX17-10, 17-20, 47, 07, 37, 57, ZELIO, ZELIO2, TWIDO), SIEMENS (S5, S7), ABB (CS31, AC31), KLOCKNER-MOELLER (PS3, PS4, PS414), GE-FANUC (90 Micro, 9030), CEGELEC (C50, C100, 8005, 8035), OMRON (C, CV, CS), MITSUBISHI (FX, Q), FESTO, PANASONIC, LEGO RCX, LANGUAGE C, PC (I/O drivers available for I/O driving - use a PC as a PLC), others (cotact us).

## 3D simulation:

Import of 3D files SOLIDWORKS\*, 3D STUDIO\*, VRML, etc...  
TOKAMAK physical engine.

## Protection:

validation code or network licence.

For more information, please contact our distributor :

## **REAL-TIME I.T.S. CO., LTD.**

114 Soi Naknivas 48 Yak 14-10, Naknivas Road, Ladphrao, Ladphrao, Bangkok 10230. THAILAND.  
Tel / Fax : +(66)-2-542-4273, e-mail : info@realtime-its.com , www.realtime-its.com