

FOR IMMEDIATE RELEASE

**Famic Technologies Delivers the “New” Automation Studio™
With Improved Features & Enhanced Performance**

The most complete simulation software edition leading the industry today.

Montréal, Québec – March 25th, 2014, Famic Technologies today announced an array of new feature innovations and enhanced design and functionalities unmatched in the simulation solution software industry for teaching and training all project/machine technologies including hydraulics, pneumatics, electrical systems and HMI. Automation Studio™, Version 6.1 offers the most complete design and simulation software in the industry today.

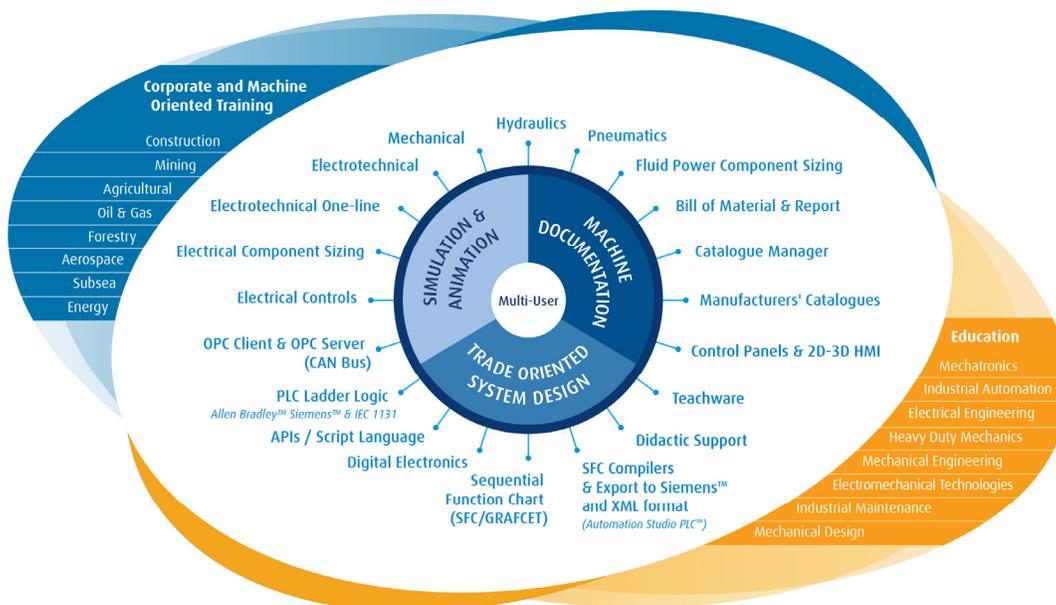
Charbel Nasr, President of Famic Technologies, explains, “We are very excited to deliver the new Automation Studio™ Version 6.1, it out paces the competition with its intuitive features, totally new concepts, and improved functionalities, which are exclusive to Automation Studio™ and that meets and exceeds the needs for technical teaching and corporate training industries.”

Mr. Nasr continues, “Automation Studio™ Version 6.1 showcases our commitment to thousands of schools and technical training centers worldwide who need to present more content in less time and improve student’s understanding of concepts and diagnosis capabilities quickly. Version 6.1 also provides schools, colleges, universities and corporate training centers an optimal return on investment.”

For more details on the new features and functionalities, please review the product sheet.

PRODUCT INTRODUCTION SHEET

A unique combination of user-friendly system design features, advanced engineering capabilities, dynamic and realistic simulation, comprehensive animation features in one common environment.



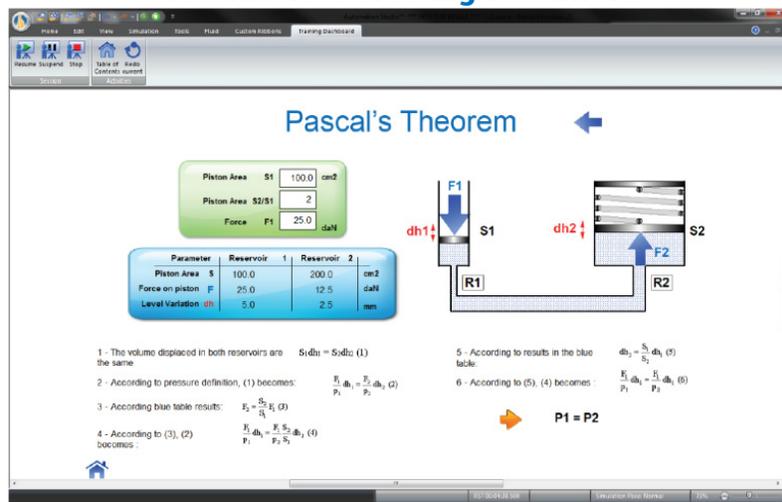
The new functions and features of this new version include:

- Complete Redesign
- New User Interface
- 2D-3D HMI
- Mechanical Links
- Sizing Sheets
- Troubleshooting Module
- Virtual Systems
- Virtual Instruments: Multimeter, Hydraulic Tester, Oscilloscope, etc.
- Teachware
- Hydraulic Manufacturers' Catalogues
- Teachware Creation Environment
- And more!

New Automation Studio™ Environment for Teaching and Training

Discover why Automation Studio™ 6.1 goes beyond the traditional environments by offering support for teaching and training methodologies.

Teachware & Creating Teachware



Pascal's Theorem

Parameter	Reservoir 1	Reservoir 2	Unit
Piston Area S1	100.0	200.0	cm ²
Piston Area S2/S1	2	12.5	cm ² /cm ²
Force F1	25.0		daN
Level Variation dh	5.0	2.5	mm

1 - The volume displaced in both reservoirs are the same: $S_1 dh_1 = S_2 dh_2$ (1)

2 - According to pressure definition, (1) becomes: $\frac{F_1}{P_1} dh_1 = \frac{F_2}{P_2} dh_2$ (2)

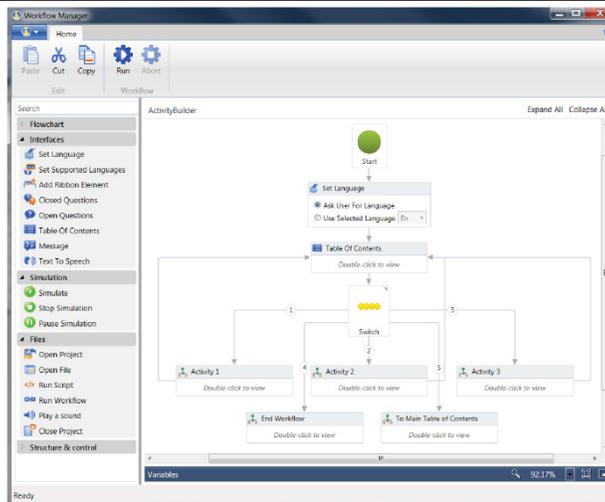
3 - According blue table results: $F_2 = \frac{S_2}{S_1} F_1$ (3)

4 - According to (3), (2) becomes: $\frac{F_1}{P_1} dh_1 = \frac{F_1 S_2}{P_2 S_1} dh_2$ (4)

5 - According to results in the blue table: $dh_2 = \frac{S_1}{S_2} dh_1$ (5)

6 - According to (5), (4) becomes: $\frac{F_1}{P_1} dh_1 = \frac{F_1}{P_2} dh_1$ (6)

P1 = P2



Workflow Manager

Home | Paste | Cut | Copy | Run | About

Search | ActivityBuilder | Expand All | Collapse All

Flowchart | Interfaces | Set Language | Set Supported Languages | Add Ribbon Element | Close Questions | Open Questions | Table Of Contents | Message | Tap To Speech

Simulation | Simulate | Stop Simulation | Pause Simulation

Files | Open Project | Open File | Run Script | Run Workflow | Play a sound | Close Project

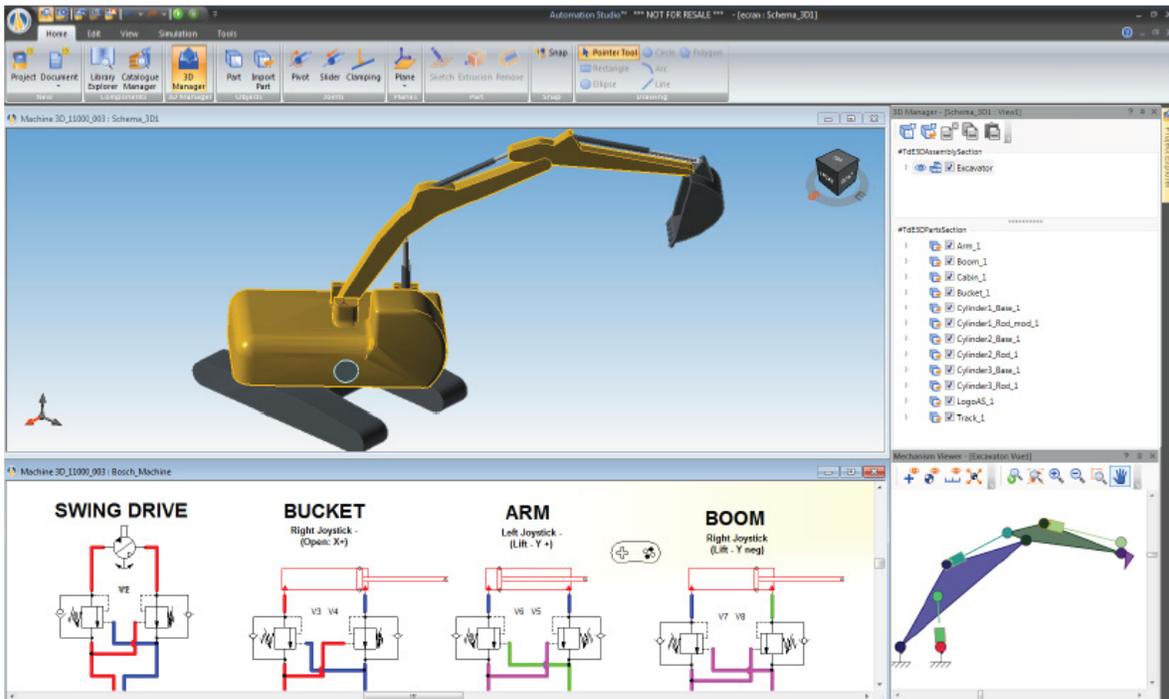
Structure & control

Variables | 92.17%

Course material is available for each technology. It provides teachers and trainers with the essentials for preparing course curriculum. Automation Studio™ 6.1 offers guides, manuals, lectures, videos and lab notes for all levels of discipline. Unlike other teachware made using multimedia sequences, course content offered by Automation Studio™ 6.1 is interactive and animated live by the software simulation. Teachers can modify this content using Automation Studio™ 6.1 to better fit their needs.

The Creating Teachware module allows defining interactive activities for existing projects and connecting them to other applications. It also can automate repetitive tasks without programming knowledge.

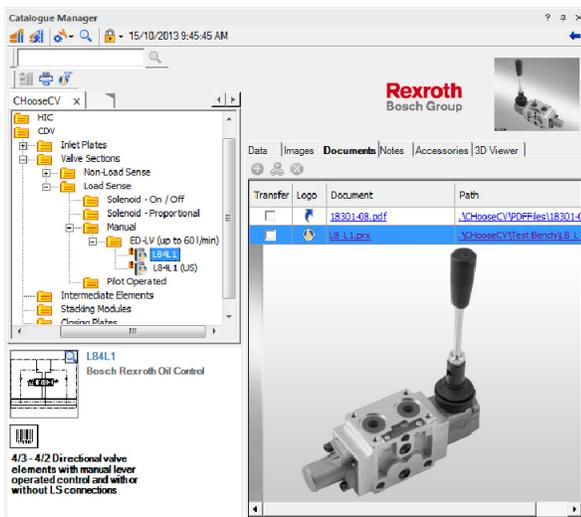
3D HMI Editor & Mechanical Links



Automation Studio™ 6.1 includes a 3D editor for creating and importing 3D parts in STEP, STL and IGES. It is possible to visualize, simulate and animate them, simultaneously, with the technologies that drive the system.

Using the Mechanism Manager, mechanical bodies can be linked to Fluid Power actuators to simulate and animate their effects.

Manufacturers' Catalogues



Automation Studio™ 6.1 is the only software solution offering teachers and students an expansive library with thousands of preconfigured components reproducing real world functionalities.

Save time with ready-to-use components from renowned manufacturers.

- Component options management
- Circuits created with manufacturer's parameters
- Instant access to updated versions



Each component has been carefully and rigorously bench tested within Automation Studio™ 6.1 to ensure that the simulation meets a manufacturer's typical application and performance specifications. The virtual test benches provided also help understanding the components' behaviour and validate product selection.

All-in-one Complete Mechatronics Teaching & Learning Software Solution

Dynamic and Realistic Simulation in Full Color

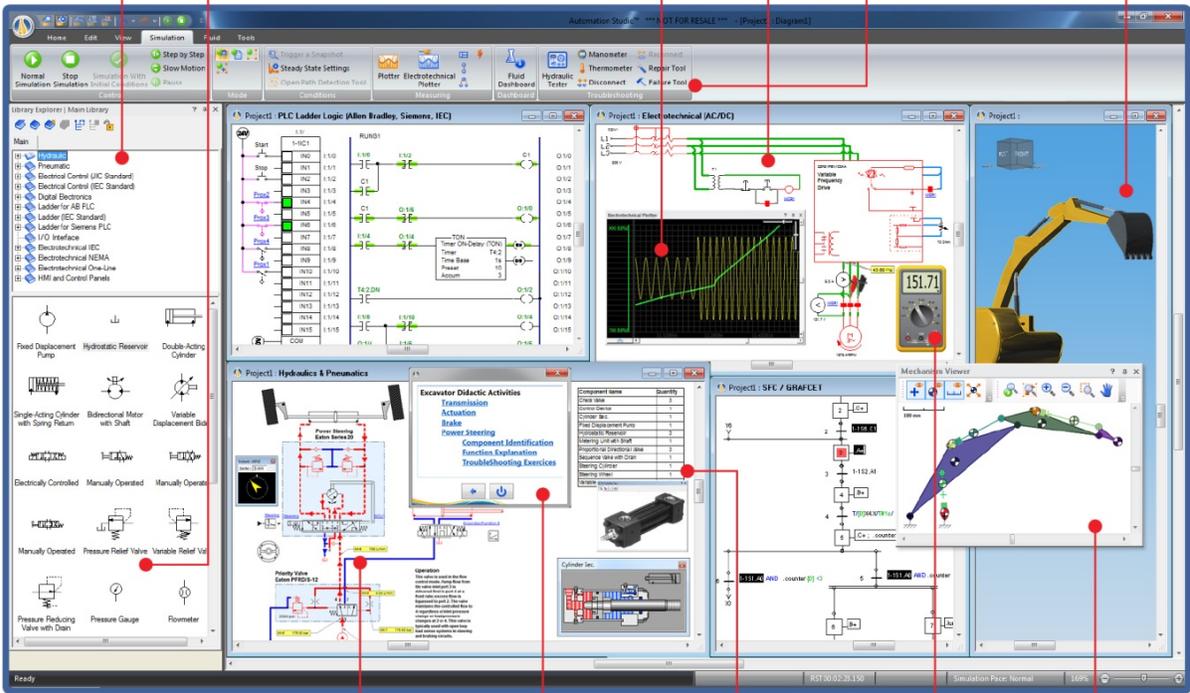
Complete Set of Libraries

Drag & Drop Components

Plotter

Component Failures

3D HMI



Dynamic Measuring Instruments

Table of Contents

Bill of Material

Mechanical Links

Troubleshooting and Diagnostics

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About Famic Technologies

Founded in 1986, Famic Technologies offers a full range of quality products and services in the fields of software engineering and industrial automation. It develops, integrates and markets CAD and simulation software solutions for electrical, hydraulics, pneumatics, automation and controls applications which support design, operations, management and training. Famic Technologies provides innovative software solutions to help engineers, maintenance personnel and trainers substantially increase their efficiency in systems design, maintenance and training. Since January 2012, Famic Technologies has opened a sales and support office in Germany to better serve customers' needs in Europe, and a new office has opened as well in India.

www.famictech.com



About Automation Studio™

Automation Studio™ 6.1 is a leading software solution developed by Famic Technologies that helps reduce machine time-to-market and optimizes the entire workflow of a project or product lifecycle. It seamlessly integrates system design engineering, simulation, prototyping, testing, troubleshooting, diagnostics, maintenance, service, training, and documentation, and is offered in 7 languages. Automation Studio™ 6.1 is among the most complete trade-oriented system design and simulation software solutions in the fields of fluid power, electrical and automation. www.automationstudio.com

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