As one of the core technologies of Integrated Architecture™, Logix offers a unique approach to automation — a single control platform with a common control engine and development environment designed to deliver world-class capabilities for all automation disciplines.

The Studio 5000 Automation Engineering and Design Environment combines engineering and design elements into one standard framework. The first element is the Logix Designer application. Logix Designer is the progression of the now-familiar RSLogix 5000 software, and will continue to be the package you use to program Logix5000 controllers for discrete, process, batch, motion, safety, and drive-based systems.

Future versions of the Studio 5000 environment will integrate additional elements into this common development environment to accomplish typical engineering and design tasks such as HMI development, library management for reusable components, information integration, and more to help you increase productivity, shorten design cycles, and reduce time-to-market.

With the Studio 5000 environment you can…
• Use one intuitive design and configuration software package
• Simplify development of complex control solutions
• Have greater access to real-time information
• Develop localized applications in a single control platform
• Develop applications in a collaborative engineering environment

And achieve…
• Optimized productivity and the ability to react quickly to market and business needs
• Faster startups with reduced commissioning time
• Reduced maintenance and training costs
• Lower total cost of ownership
Studio 5000 Version 21: Logix Designer

The debut of Studio 5000 software includes the Logix Designer application for the programming and configuration of Allen-Bradley ControlLogix 5570 and CompactLogix 5370 programmable automation controllers.

Maintaining the familiar, user-friendly workflows and interfaces from the RSLogix 5000 design and configuration software, the new Studio 5000 Logix Designer enables a new level of integration within the Integrated Architecture system by embedding features such as program comments and descriptions, and a new circular and permanent alarm log, directly in the controller. Storing all this information in the controller enables greater engineering collaboration, and also helps ensure that alarm data will not be lost if there is a communication or network failure between the HMI and the controller.

Studio 5000: The Future

Future versions of Studio 5000 will integrate additional applications into this one common framework to address engineering tasks, such as HMI development, library management for reusable components, information integration, and more.

Multiple capabilities included in one common environment will allow you to define data once and easily use it across the Integrated Architecture system, improving development efficiency and reducing programming errors. Additionally, this engineering and design environment will have the ability to communicate and perform at higher speeds, resulting in improved productivity, shorter design cycles and a faster time-to-market.

System Requirements

Minimum System Requirements for Studio 5000:
- Pentium 4 2.8 GHz processor
- 1 GB RAM
- 16 GB available hard disk space
- 1024x768, True Color graphics device

Recommended System For Best User Experience And Faster Downloads:
- Intel Core i5 2.4GHz processor
- 8 GB RAM
- 20GB available free disk space
- DirectX 9 graphics device with WDDM 1.0 or higher driver

Operating System Support:
This version of Studio 5000 software has been tested on the following operating systems:
- Microsoft Windows 7 Professional (64-bit) with Service Pack 1
- Microsoft Windows 7 Home Premium (64-bit) with Service Pack 1
- Microsoft Windows 7 Home Premium (32-bit) with Service Pack 1
- Microsoft Windows Server 2008 R2 Standard Edition with Service Pack 1

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