

Accomplishing your goals with the Studio 5000 design environment

Best-in-class manufacturers have one constant: change. Modern market trends, technological advancements, and an increasingly global economy keep today's manufacturing leaders on their toes and constantly evolving. How can you stay ahead of your competition? An important starting point is empowering your workforce with design software that fosters simplicity, integration, and efficiency.

WHAT IS STUDIO 5000?

Studio 5000® Application Code Manager
Create a library of code to build and maintain projects

Studio 5000® Architect™
Design and build your system framework

Studio 5000 Logix Designer®
Configure and program your system collaboratively

Studio 5000® Logix Emulate™
Test your code in an emulated environment

Studio 5000 View Designer®
Create intuitive, modern screens for the PanelView™ 5000 graphic terminals

Studio 5000® Simulation Interface™
Connect logic to simulation model



Explore taking your emulation even further by connecting Studio 5000 Logix Emulate to Digital Twin software like Emulate3D™ from Rockwell Automation.

HOW CAN STUDIO 5000 HELP ME?



Faster time to market

Project and device commonality. Studio 5000 provides a common UI across its applications, think less about configuration and spend more time on your project!

Share data and information. Write the information once then import it into other software applications.

Reduce engineering time. Execute lean and effective projects by enabling modular and repeatable project creation and deployment.



Reduce risk

Mitigating human errors. Create an intuitive and guided experience when deploying projects.

Confirm functionality. Create objects once, while easily testing and confirming their functionality.

Adjustments at the object level. Make a change at an object level and see that change propagate to instances of that instruction, or data type, throughout your project.

Test and debug without leaving your desk. Test your code in an emulated controller environment, even without access to controller hardware.

Ensuring visibility and proper management. FactoryTalk Updater and ControlFLASH Plus™ applications are available to manage and deploy device firmware, manage software inventory, and deliver software and firmware notifications.



Building a competitive advantage

Deploy world-class systems and your PLC program knowing your IP is projected.

Deploy specific user permissions and authentications that are common across the Studio 5000 environment with FactoryTalk Security.

Ensure that your project has the highest level of security by using license-based authentication to help protect access to your source code.

Extend your security by using license-based protection on the execution of your code where you authorize it. Know that your program is running on the system that you intend.

THE LEARNING DOESN'T STOP HERE

Looking to learn more? Visit us [here](#) and enter the world of Studio 5000.

Want to learn about the different features within each Studio 5000 application? This [product profile](#) will answer your questions.

Looking for guidance on our ordering process? If so, this [ordering guide](#) is perfect for you.