



PLC HARDWARE



## MICROLOGIX TO MICRO 800 MIGRATION GUIDE

For over 20 years, the Rockwell MicroLogix Family has been a trusted solution within the automation industry. With these legacy systems now discontinued by Rockwell, the Micro800 family offers a scalable, cost-effective replacement, with enhanced flexibility and modern features.



MicroLogix 1000  
Controllers



MicroLogix 1100  
Controllers



MicroLogix 1200  
Controllers



MicroLogix 1400  
Controllers



MicroLogix 1500  
Controllers



## Key Benefits of Upgrading to the Micro 800

The big benefit is, reducing the potential risk of downtime due to product availability.

### 1. Flexibility and Scalability:

The Micro800 series supports plug-in and expansion I/O modules, allowing customization for specific applications.

### 2. Wide Communication Options:

These controllers offer Ethernet, USB, Serial, and DeviceNet connectivity, & Gateway functionality, making them versatile for various industrial setups.

### 3. Compact Design:

With a small footprint, they are ideal for standalone machines and space-constrained environments.



### 4. Ease of Use:

The free Connected Components Workbench software simplifies programming, setup, and visualization across the Micro800 family.

### 5. High-Performance Features:

Includes high-speed counters, motion axis configuration, and embedded Ethernet for efficient operation.

### 6. Durability:

Operates in a wide temperature range ( $-20^{\circ}\text{C}$  to  $+65^{\circ}\text{C}$ ), ensuring reliability in challenging conditions.

### 7. Cost-Effectiveness:

Designed for lower-cost applications without compromising functionality.

### 8. Connected Components Workbench:

Connected Components Workbench configuration and design software offers controller programming and simulation, device configuration, and integration with HMI editor.



## Rockwell Automation Micro 800 Product Range



**Micro 810  
Controllers**



**Micro 820  
Controllers**



**Micro 850  
Controllers**



**Micro 870  
Controllers**

## Micro 800 Applications

The Micro 800 is ideal for a wide range of industrial applications, including:



**Industrial Automation**



**Manufacturing Systems**



**Energy Management**



**Building Automation**



**Water & Wastewater Treatment**



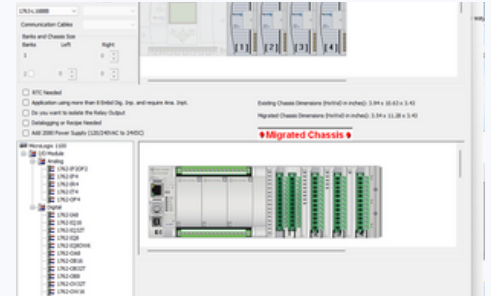
**Material Handling**



## Tools to Plan and Execute Your Migration

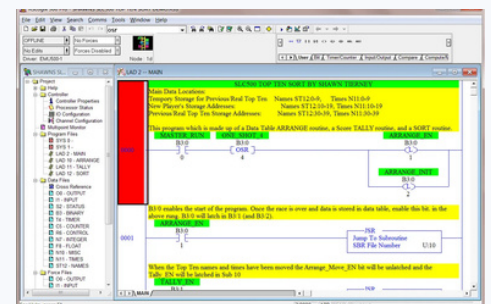
### MicroLogix Hardware Migration Tool to Micro 800

Hardware Migration using Integrated Architecture Builder The MicroLogix Migration Wizard within Integrated Architecture Builder (IAB) software assists with converting MicroLogix controllers to compatible controllers. Earlier software versions can migrate MicroLogix 1000, MicroLogix 1100, and MicroLogix 1200 controllers to Micro 800 controllers. From IAB software version 9.8



### MicroLogix Controllers to Micro 800 Controllers Migration Guide

All RSLogix 500 code can be converted for Micro 1000, 1100, 1200, 1400 & 1500

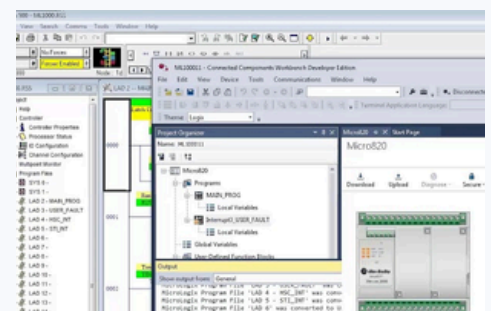


### MicroLogix Code Converter Tool

Connected Components Workbench



### MicroLogix Controller to Micro 800 Solutions



### Converting MicroLogix to Micro800 Video

### Resources Pages

Explore key automation industry selection guides and resource information.





## MicroLogix to Micro800 Migration FAQ

**Q: Is there a tool to convert MicroLogix 1000 programs to Micro800 programs?**

**A:** Yes. The MicroLogix to Micro800 Converter tool converts RSLogix 500 programs to Connected Components Workbench (CCW) projects. Supported conversions include:

- MicroLogix 1000, 1100, 1200, 1400, 1500
- To: Micro820, 850, and 870 controllers

**Q: Where can I get the MicroLogix to Micro800 Converter?**

**A:** The converter is built into Connected Components Workbench (CCW) software. No separate download is required – it's included in the standard CCW installation package.

**Q: Why can't I select Micro810 as the target controller?**

**A:** The Micro810 uses a different architecture and instruction set that isn't compatible with direct conversion. For similar applications, we would recommend the Micro820 controller.

**Q: Where is the conversion tool located?**

**A:** In CCW software, navigate to: Tools → MicroLogix to Micro800 Converter

## PLC Hardware Solutions Pages



**HMI  
Solutions**



**REMOTE IO  
Solutions**



**VF Drive  
Solutions**



**DA Vision  
Industrial PC Solutions**