



PLC-5 Risk

The Allen-Bradley PLC-5 platform has been reliably serving the automation industry for over 25 years. These workhorses have now been discontinued and the lack of available replacement processors and parts presents huge risks to automation systems. Unscheduled downtime, emergency hardware/software conversions and even loss of product are realistic concerns. Quantum can help mitigate these risks by migrating your PLC-5 equipment to the Allen-Bradley ControlLogix platform with minimal process interruption.

Successful Conversions

Quantum engineers have successfully converted numerous PLC-5 systems with minimal modifications to existing PLC and HMI (SCADA) programming. Quantum has experience converting PLC-5 applications for systems that control chemical delivery, water treatment and food/beverage applications. Thorough engineering and factory testing provides preparation for efficient installation and commissioning. This detailed process has allowed Quantum to successfully convert some PLC-5 applications within a four-hour maintenance window.



Implementation Path

Below is a graphical representation of the implementation path that Quantum executes to ensure successful conversion of each PLC-5 application. Upon completion of the commissioning stage, the newest Allen-Bradley ControlLogix PLC is controlling the process.



Peace of Mind

Converting obsolete PLC-5 systems to the ControlLogix platform provides the peace of mind that comes from knowing that critical automation systems utilize currently manufactured and stocked components. A ControlLogix implementation also offers additional capabilities, including the ability to leverage the growing Industrial Internet of Things (IIoT), that obsolete PLC-5 systems cannot support.

Trusted

Quantum is a Rockwell Automation Recognized System Integrator (RcSI). This designation certifies that Quantum is experienced and competent in deploying Rockwell Automation hardware and software. Quantum engineers participate in continuous education from Rockwell Automation by attending local, regional and national training schools. With Quantum you can rest assured your PLC-5 conversion will be successful!

