



Knowing that an economic advantage and security is important to Rockwell Automation customers, Allen-Bradley's new POINT I/O™ product line was designed to work with the cost-conscious manufacturer in mind.

Isn't it Time You Stepped Up to a New Level of Value?

POINT I/O is the economical I/O solution needed into today's cost sensitive industrial environment. That's why wiring design is an important feature of the new POINT I/O system for centralized automation systems. By mounting the I/O on the machine and /or in the field-mounted junction box, you've eliminated the control cabinet, marshalling cabinet and distribution panels. now you can save 50-75% with the POINT I/O system in comparison to the traditional centralized I/O system.

A Perfect Fit that Saves You Time and Money

The system's installation design is small and channel densities are as low as 3mm wide with POINT I/O. Now you can occupy the same space or less in the junction box-mounted termination systems with these combined features.

The removable wiring system allows you to commission, troubleshoot, calibrate, and diagnose your system quickly and efficiently. This results in a significant cost and time reduction - often calculated at 70% when compared to traditional machinery.

From Deluxe to Budget

Since you tailor the solution to the field devices in any given location, you are not paying for unwanted I/O channels. You pay only for what you need. For those instances where network access for a few I/O channels is prohibitive, there are three levels of DeviceNet communication interfaces offered in the POINT I/O system designed to match your exact requirements.

The first DeviceNet communication interface option that gives you the most value and performance of network options is the adapter-level interface (1734-ADN). This connects up to 63 I/O modules of any density and presents the system to the adapter as a single node. This solution provides physical address selection for easy installation and long-term maintenance.



Economics



The second DeviceNet communication interface option integrates 16 digital I/O points of 120V ac or 24V dc configurations into a single package (1734D or POINT Block I/O). Outputs are available with solid state, triac or relays. As with the adapter, this solution provides physical address selection and may be expanded with any POINT I/O modules, however each additional POINT I/O module on this interface is seen as an individual node on the DeviceNet communication network.

The third option of DeviceNet communication interfaces is the most economical DeviceNet interface that provides the lowest connectivity cost than any other network. This interface is the most economical for highly distributed, mixed signals and low I/O point count solutions because each module is seen as a single node over the DeviceNet communication network.

Best of all, POINT I/O is compatible with any of these DeviceNet interfaces and can be used together to enhance and increase your system installation benefits provided by a premier I/O solution with many cost and performance advantages.

