



## Integration Tools – Application Interface Module (AIM)

The Application Interface Module (AIM) is used to interface between the user's existing PLC application and the ControlNet interface. By presenting a consistent and structured interface to the user's PLC application, the task of communicating with a Q.iMPACT matroller requires very little effort. All the user application is required to do is pass the required variables into a predefined location. The AIM does the rest.

The AIM will accept simultaneous transfer requests for multiple instruments. By queuing the transfer requests the requirement of arbitrating these requests is removed. The AIM will accept your requests, queue them, and, should a command fail to get through, retry for a predetermined (user defined) number of times. When required the AIM can reset the remote ControlNet interface board in the matroller. While it is doing this, it will pause the user application to prevent any upsets to the application

The reporting of material transfers is handled in the same seamless manner. After notifying the user application, the data is presented in a structured format.

The AIM is presently available for the Allen Bradley PLC5 and ControlLogix range of PLCs.

Features	Benefits
Simplified Interface	■ Less effort and man hours required to integrate Q.iMPACT matrollers
Built in retry logic	■ More robust system
Scalable	■ Adjusts to your system size
Built in Reset Logix	■ More robust system

Contact your local authorized distributor or sales office for further information.