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The IND780 Batch terminal allows the PLC to Load and Start an order, monitor status, and provide various control functions such as Pause/Abort an order, Resume a Paused order, issue an Alarm Silence, or issue a Hold at End request.













The sample code provided shows how a ControlLogix PLC program might interface to these functions. Sample code is provided for the following field busses:

- Ethernet/IP
- ControlNet
- Allen-Bradley Remote I/O with Block Transfers

All PLC code is written in version 16 of ControlLogix.

In addition, a sample HMI application is provided to assist in interfacing with the PLC program. The sample HMI is written in Visual Basic 6.0 SP6, and uses a DDE Link to RSLinx professional to communicate to the PLC. Please read the "Readme.PDF" document that comes with the HMI sample code for details on how to configure and run this application.

The "Batch PLC Sample Code and HMI.exe" file included with this package is a self-extracting Zip file that will unzip the sample code and HMI into a subdirectory called "Batch PLC Sample Code" that is placed in whatever directory that the self-extracting zip file is placed. The directory structure created will be as follows:

Name	Status	Date modified	Type
 ControlNet	 	6/11/2021 3:10 PM	File folder
 Ethernet_IP	 	6/11/2021 3:10 PM	File folder
 Remote IO	 	6/11/2021 3:10 PM	File folder
 Visual Basic HMI	 	6/11/2021 3:10 PM	File folder