

Using Intellution ABR IO Driver with the FieldServer

1) Software requirements :

- RSLinx Version 2.20
- Intellution FIX Version 6.1
- Intellution ABR IO driver Version 7.22

2) RSLinx configuration

- Select "Communications->configure drivers" from the main RSLinx window.
- Add a new driver by Select "Ethernet devices" from the "Available drivers" pull down list.
- Use the default name of AB_ETH-1 for the new driver.
- Highlight the AB_ETH-1 driver and press the "Configure" button.
- Add any number of "Station Mappings". Remember that the FieldServer can emulate any number of virtual devices. If the FieldServer is being used in a Port Expander mode, then the station numbers must match the Devices connected to the downstream side of the FieldServer.
- Confirm that the FieldServer is visible to RSLinx by:
 - Selecting "Communications->RWHOIS" from the main menu.
 - Highlight the AB_ETH-1 driver and select "Refresh" or "Autobrowse".
 - Make sure that all the station mappings are visible.

3) Intellution FIX configuration

- Make sure that Intellution computer is configured to resolve the IP Address configuration of the FieldServer. Confirm this by "pinging" every one of the Virtual IP addresses on the FieldServer.

4) ABR IO driver configuration

- Download and install the ABR IO driver from www.intellution.com
- Start the IO Driver server Powertool and select Local or Remote server.
- Add your site configuration using the following default settings for Channel and Device:

Channel:	RSLinx Driver	- AB_ETH-1
	Device: PLC Type	- SLC500
	Routing Setup	- None
	Device Primary Channel Setup	- Device IP Address

Note : Add a new device for every Virtual IP address on the FieldServer.