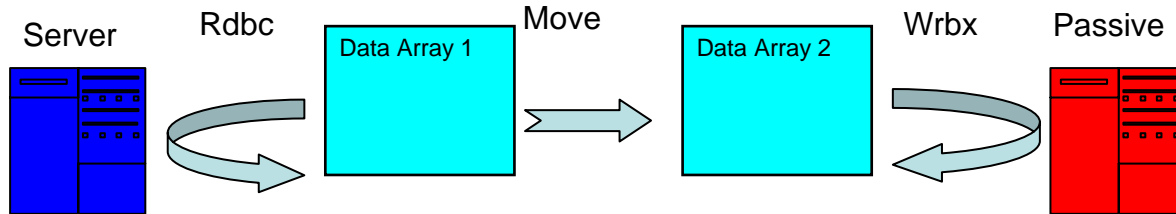


Working with Active Client – Active Server Applications

Typical Network topology



Configuration differences

If your application needs to have the FieldServer write data to the client system, you will need to change the Server side of your configuration.

The following steps are typically required to change the Server side of the configuration file to make it an Active Server.

- 1) Add Adapter/port to server side node
- 2) Change Function from Server to RDBC
- 3) Add scan_interval
- 4) Change Node ID to Passive_Client's node
- 5) May need to add moves to prevent two responsible map descriptors from accessing the same data array.

The FieldServer is set up in a way where two active map descriptor functions cannot access the same data array offset. Active functions are RDBC, WRBC, and WRBX. Since two active functions are being used in this configuration, Moves to another data array are usually necessary. Please reference [Enote 20: Using Moves and Logic](#) for more information on Moves.

To summarize what is necessary with regards to the Moves,

- 1) Read data into Data Array 1
- 2) Move data from Data Array 1 to Data Array 2
- 3) Write data out of Data Array 2

Revision History

Date	Doc Rev	Format	Resp	Comment
6/21/04	0		AKO	Created Enote
1/26/05	1		GFM	Added diagram, tweaked description