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SPT4-NET Configuration for Communication to a Serial-Protocol Master

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The following steps describe how to configure the SPT4-NET database for communication to a Serial-Protocol Master Station. These steps assume a *To RTU* device, to be converted to the master protocol, has been previously configured.

1. Right-click the *To Master* node, select *Add Protocol* ►, and the desired protocol
2. Right-click the *Protocol* node, select *Add Line* ►, and the correct *Serial Port* entry
3. Highlight the *Serial Port* node and set the *Baud Rate* property. If the baud rate is unknown, use the *Auto-Detect* setting to automatically determine the correct baud rate at startup. The auto-detection process is reliable, but may take longer to establish initial communication than if the correct baud is entered.
4. Right-click the *Serial Port* node and select *Add Device*
5. Highlight the *Device 0* node and set the *Id* property to the RTU address polled from the master station
6. Right-click the *Device* node for the *To RTU* device to be mapped to CDC Type 2 protocol. Release the mouse button
7. Right-click the same *Device* node and, keeping the mouse button depressed, move the mouse over the CDC Type 2 device just created. When the mouse is in the correct position, the mouse symbol will change from Ⓞ to a standard mouse symbol. Once in the correct position, release the mouse button. Be careful that the cursor is near the correct *Device* node before releasing the mouse button. There are other non-device nodes that may cause the Ⓞ symbol to disappear. Releasing the mouse button over those nodes will result in valid SPT4-NET editor actions, but not the one desired here
8. For each object type (point type) in the source (To RTU) RTU, the SPT4-NET editor will create a similar object type. The editor shows a default object type and presents a choice of other options when there is more than one compatible object type. The editor also shows its suggestions for starting point number and number of points to map. Change settings, if any, that are incorrect, and select *Point*. (See the SPT User's Guide for a full description of the *Object* and *Point* options).