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ControlShop™

# FT\_OPCConfig

Version 1.05

By FasTrak SoftWorks, Inc.

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# OPC Config

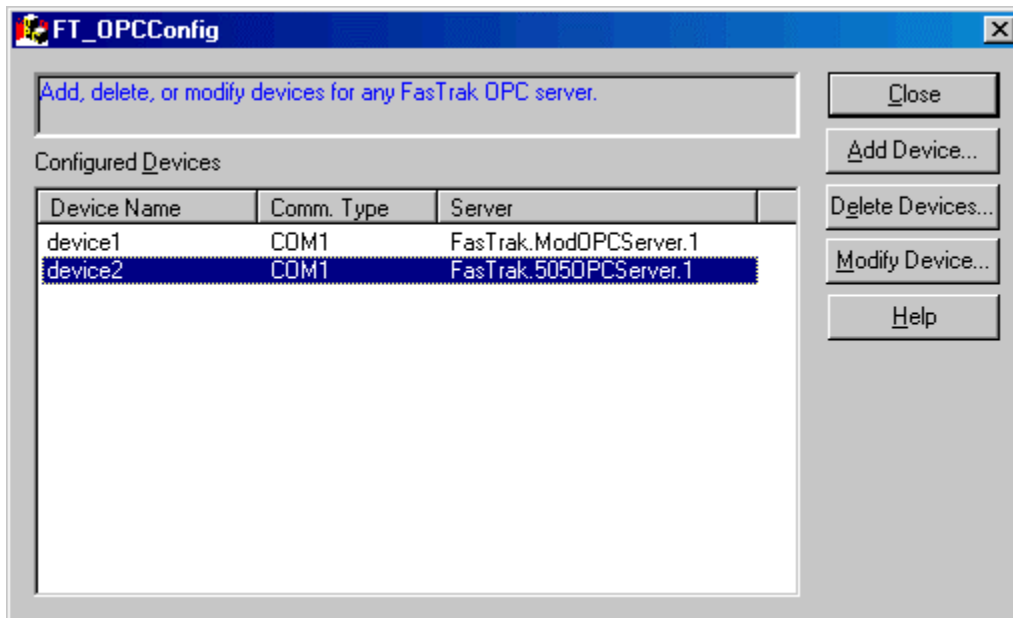
## OPC Config

FT\_OPCConfig is a utility to configure devices for FasTrak OPC communication servers.

FasTrak OPC servers:

- ModServer
- 505Server
- S5Server.

A device must be configured through FT\_OPCConfig before our server can communicate via OPC to the device. The device must be configured prior to the server being launched.

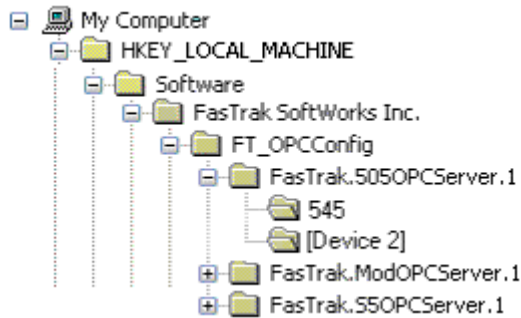


## Loading and Saving

There are no menus in FT\_OPCConfig, and thus no save or open menu options. The information is automatically saved on exit, and loaded on start.

The configured devices and communication settings are automatically saved to the registry when you exit FT\_OPCConfig.

The information is stored in folders within **HKEY\_LOCAL\_MACHINE /Software/FasTrak SoftWorks, Inc./FT\_OPCConfig** as shown below.



FT\_OPCConfig automatically loads the configured devices and communication settings from the registry when you start FT\_OPCConfig.

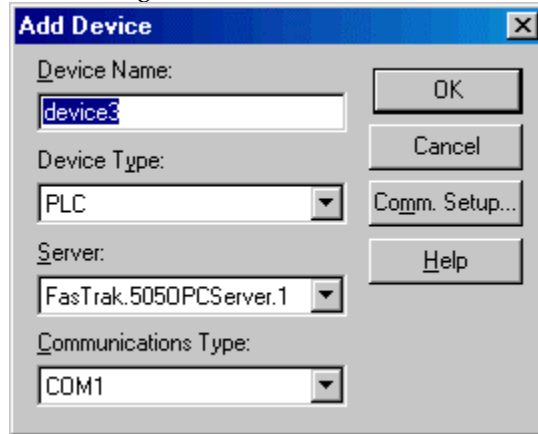
When a FasTrak OPC server is launched, it reads the configuration information that FT\_OPCConfig saved in the registry.



## Add Device

To add a device:

1. Bring up the Add Device dialog by clicking the Add Device on the FT\_OPConfig main dialog.

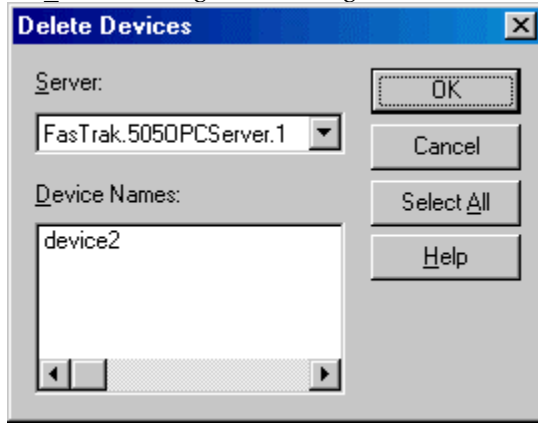


2. Configure the following options, then click the **OK** button:
  3. **Device Name:** Enter a descriptive device name in the edit box. When adding OPC items from the browse area of an OPC client, this is the name that will appear.
  4. **Device Type:** The device type is usually **PLC**. The options depend on the selected server. When the server is FasTrak.ModOPCServer.1, the options are **PLC** or **Frick Quantum**.
  5. **Server:** Select the FasTrak OPC server to use to communicate with the device.
  6. **Communications Type:** Select the communication system. The options depend on the selected server. For example, the options for the FasTrak.505OPCServer.1 are **COM1 - COM4, TCP/IP, H1 Board, and Profibus FMS**.
  7. **Comm Setup:** Click the **Comm Setup** button to configure the communications parameters. The appropriate dialog for the selected server and communications type is displayed.

## Delete Devices

To delete devices:

1. Bring up the **Delete Devices** dialog by clicking the **Delete Devices** on the FT\_OPCCconfig main dialog.



2. Select the **Server** for the device or devices to be deleted.
3. Select the device or devices to be deleted by highlighting them in the **Device Names** list. The **Device Names** list shows devices associated with the selected **Server**. To select all the devices associated with the selected **Server**, click the **Select All** button.
4. Click the **OK** button.

## Modify Device

The device name and the communications setup for a device can be modified. The device type, server, and communications type can only be configured when *adding a device*.

To modify a device:

1. Highlight the device to be modified in the Configured Devices list on the FT\_OPCCConfig main dialog.
2. Bring up the **Modify Device** dialog by clicking the **Delete Devices** button or by double-clicking the device in the list.

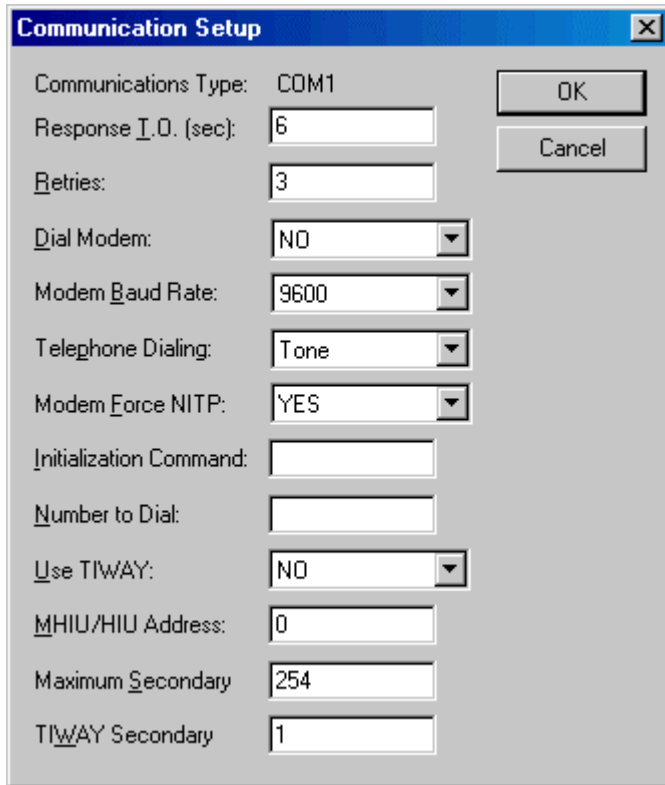


3. To change the **Device Name**, enter the new name in the edit box.
4. To modify the communications parameters, click the *Comm Setup* button.

## Communications Setup

Use the Communications Setup dialog to configure the communication options for the selected server and device type.

The dialog varies depending on the server and communications type. The illustration below shows the dialog for serial communications with the **FasTrak.505OPCServer.1** server.



The screenshot shows a dialog box titled "Communication Setup" with a close button (X) in the top right corner. The dialog contains the following fields and controls:

Communications Type:	COM1	OK
Response I.O. (sec):	6	Cancel
Retries:	3	
Dial Modem:	NO	
Modem Baud Rate:	9600	
Telephone Dialing:	Tone	
Modem Force NITP:	YES	
Initialization Command:		
Number to Dial:		
Use TIWAY:	NO	
MHIU/HIU Address:	0	
Maximum Secondary:	254	
TIWAY Secondary:	1	