

ELECTRICAL AUTOMATION SYSTEMS TOWARDS INTELLIGENT AND ENERGY EFFICIENCY APPLICATIONS

Musse Mohamud Ahmed



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APPLICATIONS

Musse Mohamud Ahmed

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CHAPTER 12

DEVELOPMENT OF MODBUS TCP/IP SETTING

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This chapter focuses on mod-bus TCP/IP for the developed automation research. It consists of communication drives, TCP/IP, HMI screen features and HMI architecture HMI development.

12.1 Communication Drivers

Communication Drivers dialog box is used to insert drivers in order to communicate with devices such as RTU in the application. To display this dialog box shown in Figure 12.1, select the “Comm” tab in the Workspace and right-click on the “Drivers” folder and select “Add/Remove drivers” from the pop-up menu.

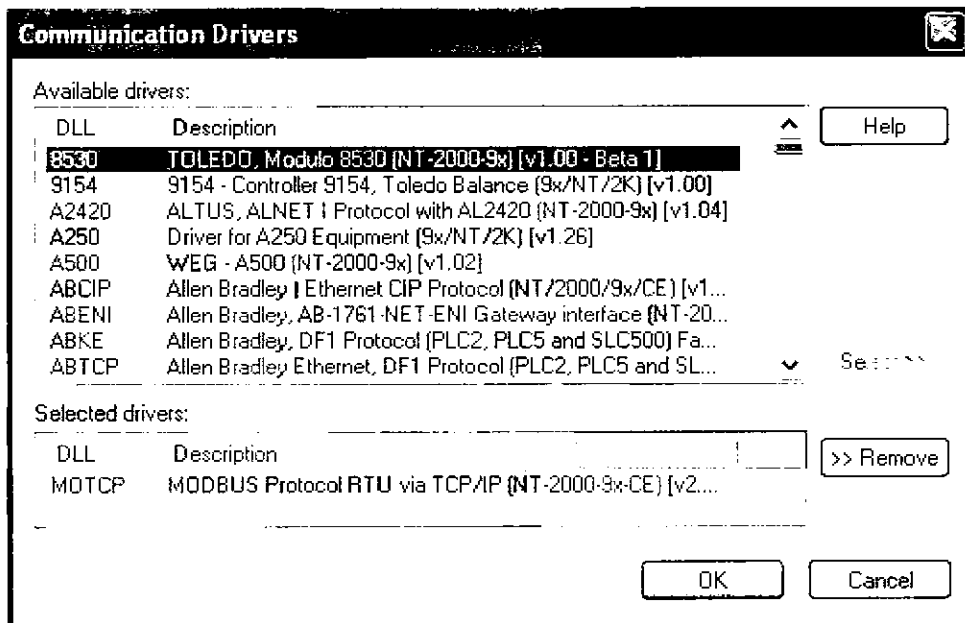


Figure 12.1: Communication Drivers Dialog Box

“MOTCP dll” is selected as the communication driver used for this project. A subfolder will be created and by right-click on the driver subfolder will opens the Communications Parameters dialog shown in Figure 12.2.