

Lesson 2. Controller Configuration

Objectives:

- create a new controller and its associated Control Execution Environment (CEE)

Creating a Controller

Step 1. Click *File -- New -- Controllers -- Control Processor*

Step 2. Enter CPM Name, Network Type, Network Driver Name, Slot Number, Uplink MAC address, and CEE name.

SYSTEM:CPM200 Block. CPM965 - Parameters [Project]

CPM/CEE Operations | Server Parameters

CPM

Name: CPM965

Network Type: CONTROLNET

Driver Name:

CPM Slot Number:

Uplink Mac Address:

Command: NONE

Status: OK

CEE

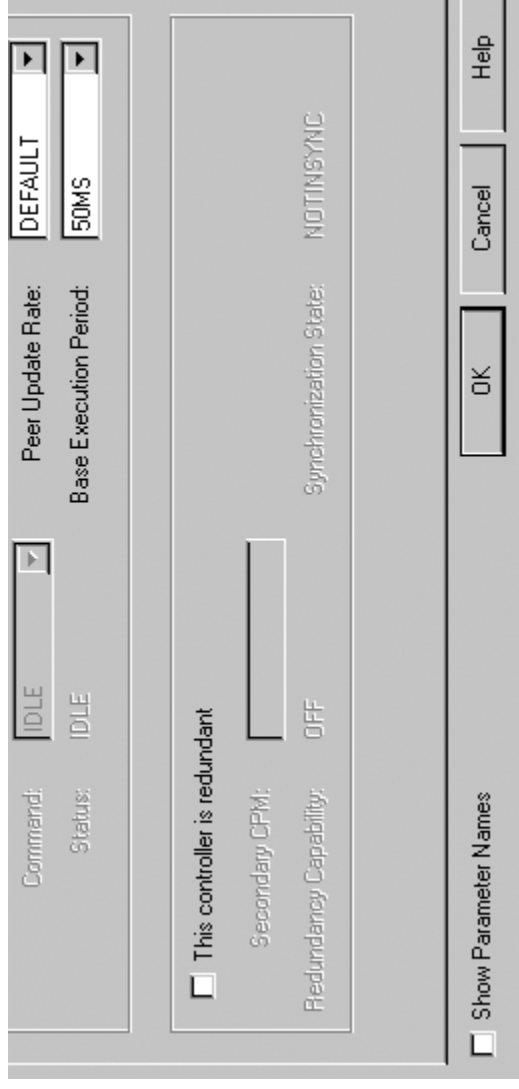
Name: CEE966

Creating a Controller

Step 3. Select the Peer Update Rate and Base Execution Period

Step 4. If controller is redundant select redundancy option, Name the Secondary CPM, and add Redundancy Modules

Step 5. Click *OK*



The screenshot shows a 'Controller Configuration' dialog box. At the top, there are four dropdown menus: 'Command:' set to 'IDLE', 'Status:' set to 'IDLE', 'Peer Update Rate:' set to 'DEFAULT', and 'Base Execution Period:' set to '50MS'. Below these is a section for redundancy settings. It includes a checkbox 'This controller is redundant' which is unchecked. To its right is a text field for 'Secondary CPM:' which is empty. Below the checkbox is a label 'Redundancy Capability:' followed by the text 'OFF'. To the right of this is a label 'Synchronization State:' followed by the text 'NOTINSYNC'. At the bottom left is a checkbox 'Show Parameter Names' which is unchecked. At the bottom right are three buttons: 'OK', 'Cancel', and 'Help'.