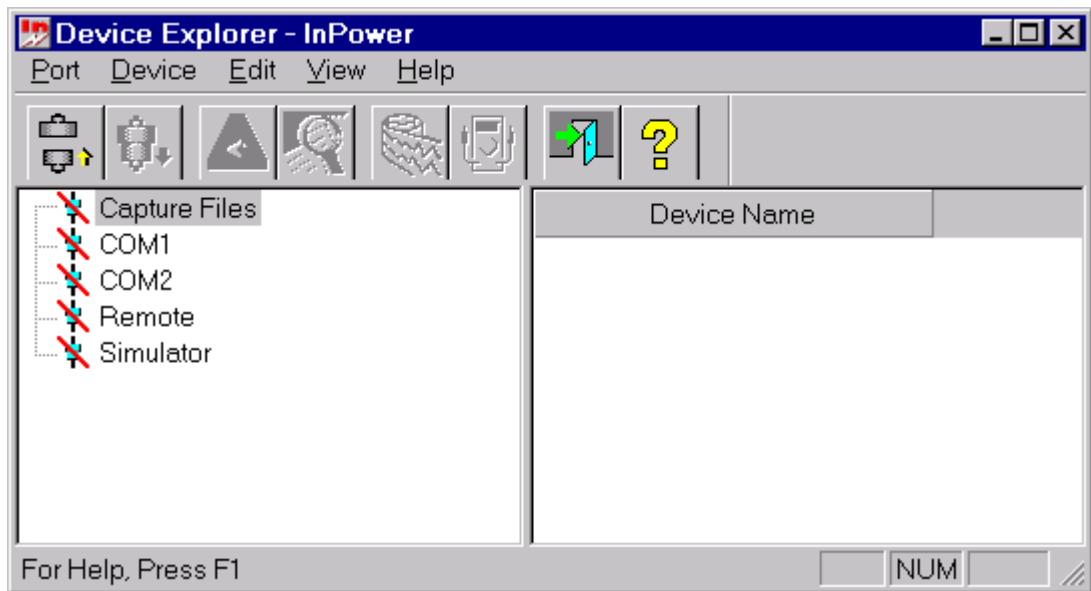


Lesson 7

Troubleshooting the OTPC

InPower for OTPC



Key Troubleshooting Points



“Sniff, Look, and Listen” inspection

Interpret data and LEDs

Proper meter use

Static protection – wrist strap

Use troubleshooting charts and other data

Write down your readings

PowerCommand[®] Control Tool Kit

InPower service software

Event Listing (50 Active/Inactive)

Test Function

True RMS meter

Digital Camera

How is OTPC troubleshooting similar?



Technician interprets information

Technician uses a meter

Technician needs Wiring Diagrams

Technician needs Schematic Diagrams

How is OTPC T-shooting different?



Technician can cause static damage

Smaller or ground signals

Cannot check circuit without breakout kit

No extension cards available

InPower may be the only tool

Frequency Sensing in Level 1 Control

Troubleshooting Tables



Troubleshooting section in Manual

LED array on Digital Module

Status LED flashes fault code

Reset button acknowledges fault

InPower for test mode

With Load

Without Load

Activities



7-1 Transfer load to Source 2

7-2 Retransfer load to Source 1

7-3 OTPC Print Exercise

7-4 Classroom Troubleshooting Exercises

7-5 Hands-On Troubleshooting Exercises