



ATC Cabinet Walkthrough

Field Reference Guide

1. UNDERSTAND THE ATC CABINET'S PURPOSE

- Review how ATC cabinets combine NEMA and Caltrans design features
- Recognize that ATC Cabinet layouts can vary

2. REVIEW THE ADU

- Confirm the ADU is included for cabinet diagnostics
- Use the ADU for channel status and troubleshooting

3. IDENTIFY CONTROLLER AND INPUT FILE

- Locate the controller and verify proper port connections
- Review the input file for standard or high-density detection

4. CHECK THE OUTPUT FILE

- Review output modules and their two-channel operation
- Confirm the cabinet is operating with LED loads only, since each channel is limited to one amp

5. REVIEW THE SERVICE ASSEMBLY

- Locate where AC power enters and is distributed
- Confirm flasher, breakers, and fuses are available

6. USE TROUBLESHOOTING TOOLS

- Check ADU blue lights to identify cabinet issues
- Use the help menu to find the issue and solution

7. CONFIRM SAFETY AND MAINTENANCE BENEFITS

- Verify no exposed 120-volt AC in normal access areas
- Use a clean layout to simplify maintenance and troubleshooting

8. INSPECT THE BACK OF THE CABINET

- Review power supply, connector panels, buses, and terminals
- Confirm flash relays, blocks, and battery backup wiring are ready