

Reading & Writing PLC Code

A controls engineer should not be the only door into the PLC.

READ

Jack reads ladder logic and structured text, follows the rungs, and explains in plain English what a fault state actually means — contacts, coils, timers, and the conditions that tripped them.

WRITE

Jack proposes changes against the live logic, flags risky edits, and produces a clean handoff so a technician can act and a controls engineer can review.

WHY IT MATTERS

- The PLC holds the fault state; few people in the plant can open it.
- Jack turns that locked door into a guided walkthrough.
- Tag-level explanations mean faster diagnosis and fewer escalations.