



Teach Pendant Software for Robotic Controller



BENEFITS

- Easy to maintain
- Easy customization using SDKs
- High configurability

CUSTOMER CHALLENGE

- The customer wanted to enable user-friendly teach pendants that could be used by common operators in a factory. They also needed the software to be used for multiple generations of robotic controller.

SCOPE

- Develop a next-generation control software to be used in teach pendants

SOLUTION

- A highly configurable robotic control software
- Standard compliant user interface made the operators more attractive to the new systems
- The diagnostic capabilities along with step-by-step execution feature in sequence engine made the troubleshooting of hardware easy

FEATURES

- A layer on top of the existing device layer with methods to support different steps in teaching sequence
- A graphical interface based sequence builder and a back-end sequence execution engine is designed as the core
- All screens are touch screen compatible and supported modeling of complete equipment
- Got the software tested by factory operators and incorporated feedback