Teach Pendant Software for Robotic Controller

BENEFITS

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

RESULTS

- Developed a software which was used by multiple generations of robotic controller.

CUSTOMER CHALLENGES

- Enable user friendly teach pendant usage to common operators in a factory.
- 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 trouble shooting 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 as touch screen compatible and supported modeling of complete equipment
- Got the software tested by factory operators and incorporated feedback

QuEST

BORN TO ENGINEER