

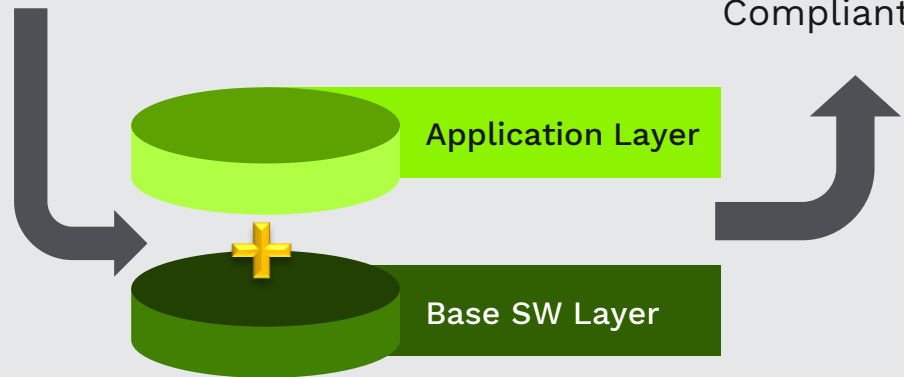
# KPIT's Unique Fail Safe Component for AD Stacks

At Proto Functional Safety is not considered

## Design without Safety

- System Requirements
- Software requirements

**Challenges**  
ASW is QM  
Software is not ASIL Compliant

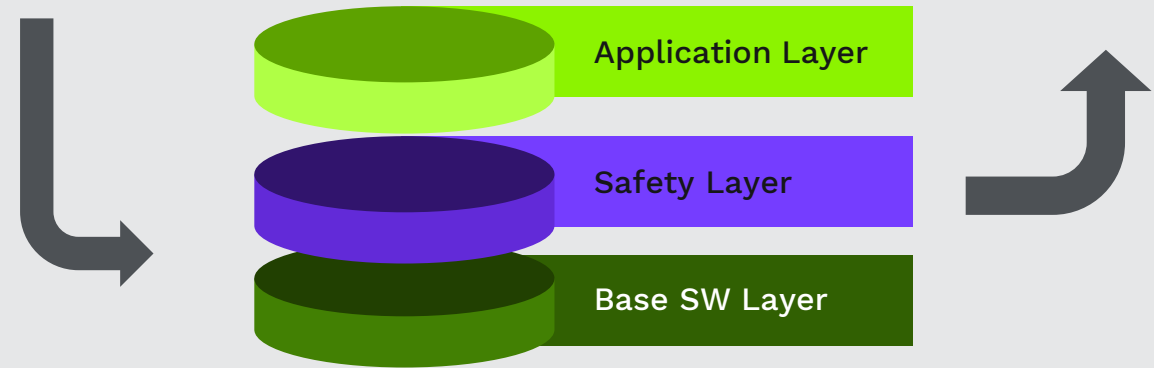


Focus is on Functional Safety once Proto is approved for Production

## Design with Safety

- Safety Goal
- FSR , TSR, SSR
- Safety Design
- Safety Mechanism

**Highlights**  
Safety layer is introduced  
Production software is now ASIL compliant



*KPIT's Unique solution helps Introduce a Fail-Safe Component as part of the safety layer in Middleware of Autonomous Stack with minimal changes in application layer*