

## CASE STUDY

# Rapid design & depolyment of scientific blood analyzer for medical applications



## UNIT WEIGHT & DIMENSIONS

- 500 lbs
- 36" x 40" x 46"

## COVID CHALLENGE

- Sensitive medical testing equipment
- Critically needed; short deadline
- Zero transit damage requirement

## DESIGN APPROACH

### PHASE 1. INTERIM

- Reproduce original skid base fulfill immediate orders
- Zero delay between change of packaging providers

### PHASE 2. LONG-TERM

- Analysis team found packers had difficulty handling the gear
- This caused shipment time blowouts
- Modified design simplified handling

## RESULTS



**Design improvements saved packers 3 minutes per package**