

# Du Fresne Manufacturing

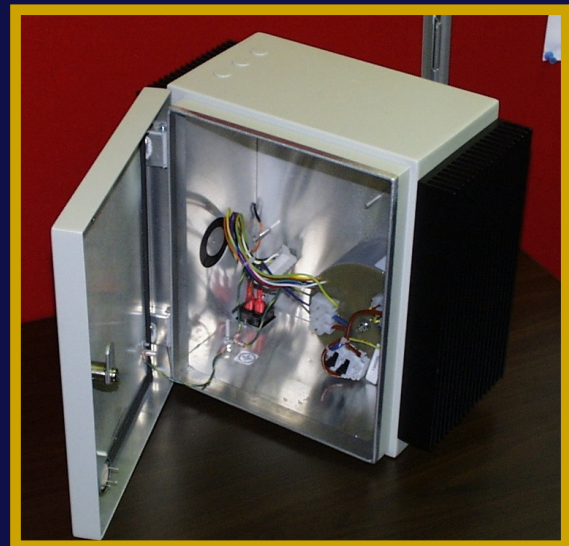
## Design For Manufacturability Case Study

### Customer Challenge

- Reduce cost
- Improve overall assembly process

### Background

- Existing design acquisition for our customer
- No existing VOC
- 100% custom manufactured NEMA rated housing
- High welding cost
- High grinding /finishing cost
- 20 feet of extra cable
- Cover and box painted separately, high masking cost



### Du Fresne DFM Results

### Du Fresne DFM Results

- Eliminated welding 100%
- Eliminated grinding 100%
- Control box sheet metal is held together by heat sinks
- Created false bottom to store excess cable
- Box and cover assembled and painted together
- Cover used as masking for inside box

