

# MTBF calculation of Exstreamer 100

## Software tool:

- **CARE** Version 8.900.2516 (**BQR**)

## Basic conditions:

- **Calculated according to the MIL-HDBK-217F Notice 2**
  - Applied method **Part stress**
  - Used Environment condition **Ground Fixed (GF1)**
  - **Stress conditions are:**
    - Temperature stresses
      - Ambient Temperature equal **25°C**
      - Internal housing (board) temperature **40°C**
    - Electrical stresses
      - Average stress conditions (**50% strain**)

<b>Environment</b>	<b>MTBF</b>
<b>Ground Fixed (GF1)</b>	At least <b>480 000</b> hours