



Risk Priority Number (RPN) Example

Which case is worse?

CASE 1

$$\frac{\text{SEV}}{5} \times \frac{\text{OCC}}{5} \times \frac{\text{DET}}{2} = \frac{\text{RPN}}{50}$$

CASE 2

$$\frac{\text{SEV}}{3} \times \frac{\text{OCC}}{3} \times \frac{\text{DET}}{6} = \frac{\text{RPN}}{54}$$

CASE 3

$$\frac{\text{SEV}}{2} \times \frac{\text{OCC}}{10} \times \frac{\text{DET}}{10} = \frac{\text{RPN}}{200}$$

CASE 4

$$\frac{\text{SEV}}{9} \times \frac{\text{OCC}}{2} \times \frac{\text{DET}}{3} = \frac{\text{RPN}}{54}$$