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## A brief history of accelerator reliability

Reliability concept was born with world war II. The first reliability models were developed to improve the V2 rockets. Until the years 70s, accelerator reliability was not even considered. Increasing the energy and intensity were the only goals. After the 70s, with the first Users and experimenters, the need of reliability became important (medical accelerator, X-ray sources, etc). Reliability progressively became a major concern for accelerator engineers. Whilst present X-ray sources can tolerate several tens of failures per year, future ADS will not tolerate more than one short failure per year ! I will

### Summary

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