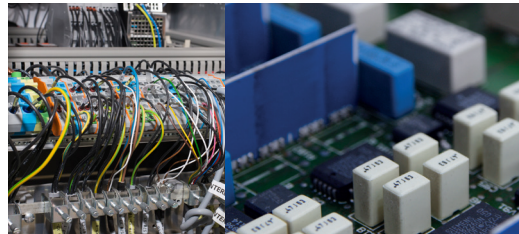


SPATIAL



INFORMATION SYSTEMS RELIABILITY

AAUK-9182-1

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X and electron irradiation capabilities

- determination of the total ionizing dose (TID) effects on systems and components

Modeling tools

- resistance optimization of electrical equipment to ionizing radiation effects and associated shielding definition

Control of confidentiality

- partnership approach in ethics respect, mutual values and performances total confidentiality

NUCLEAR

Placed in a radiating environment, **electronic systems used for nuclear or space applications** have to be developed in accordance with Design and construction rules for electronic devices (RCC-E code) to ensure their operation continuity in hostile environment.

In order to measure the impact of this kind of events on components or integrated systems, **ATRON has a X-rays and electrons source** whose characteristics can be adjusted to **reproduce particular irradiation, temperature and atmosphere conditions of use.**