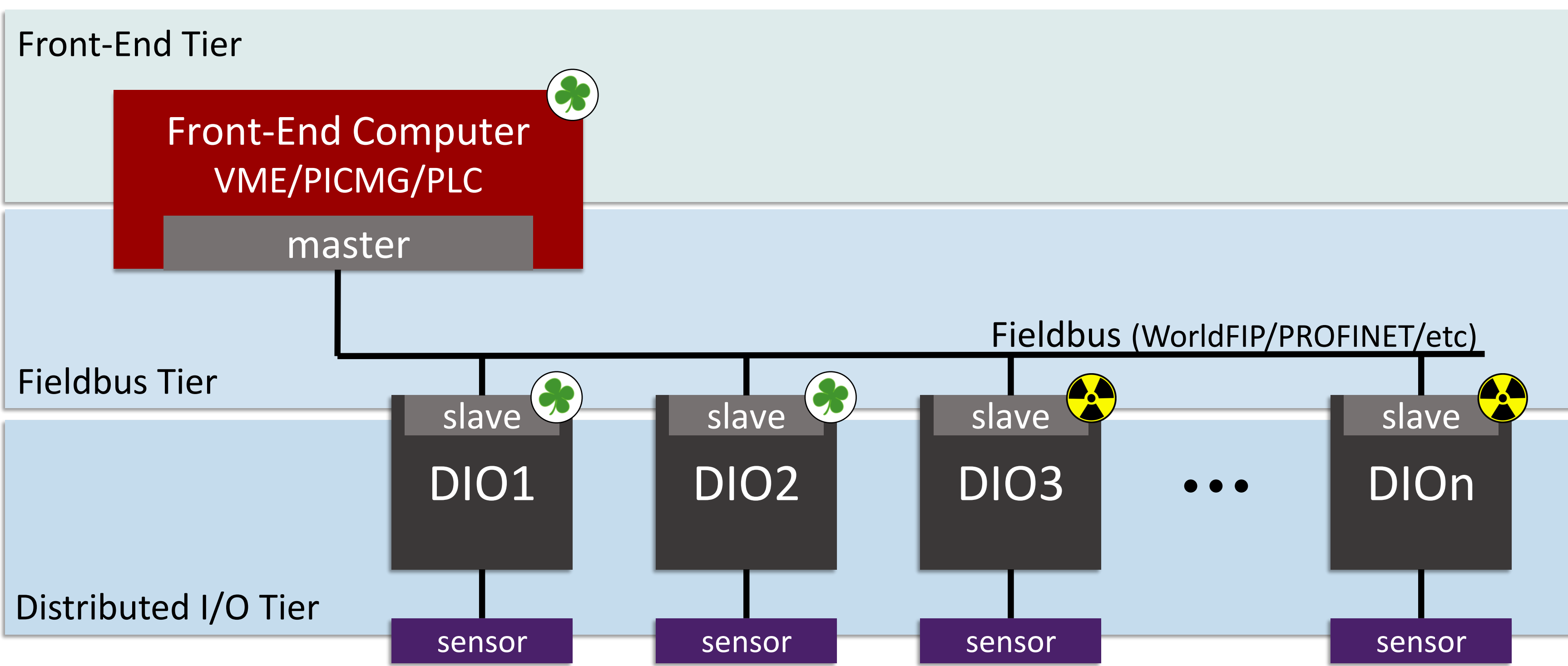




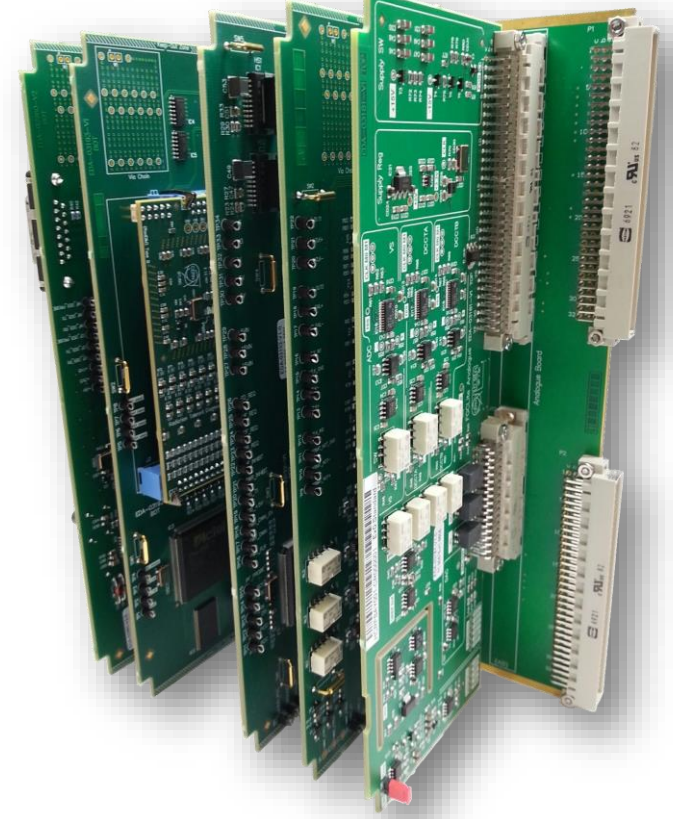
Distributed I/O Tier is

- Custom electronics installed close to the machine
- Controlled over the **Fieldbus Tier** from a master in the **Front-end Tier**.

The DIOT equipment, usually FPGA-based, spans over radiation-exposed ☢ and radiation-free ☢ areas.

Without a centrally supported service, each equipment group has independently developed custom solutions

Power Converters



Beam Instrumentation



Machine Protection



Beam Transfer



Magnets Positioning



We propose a modular, centrally supported DIOT hardware kit for radiation-exposed and radiation-free areas

