

Rad-hardening of Products for Big Science applications

2026

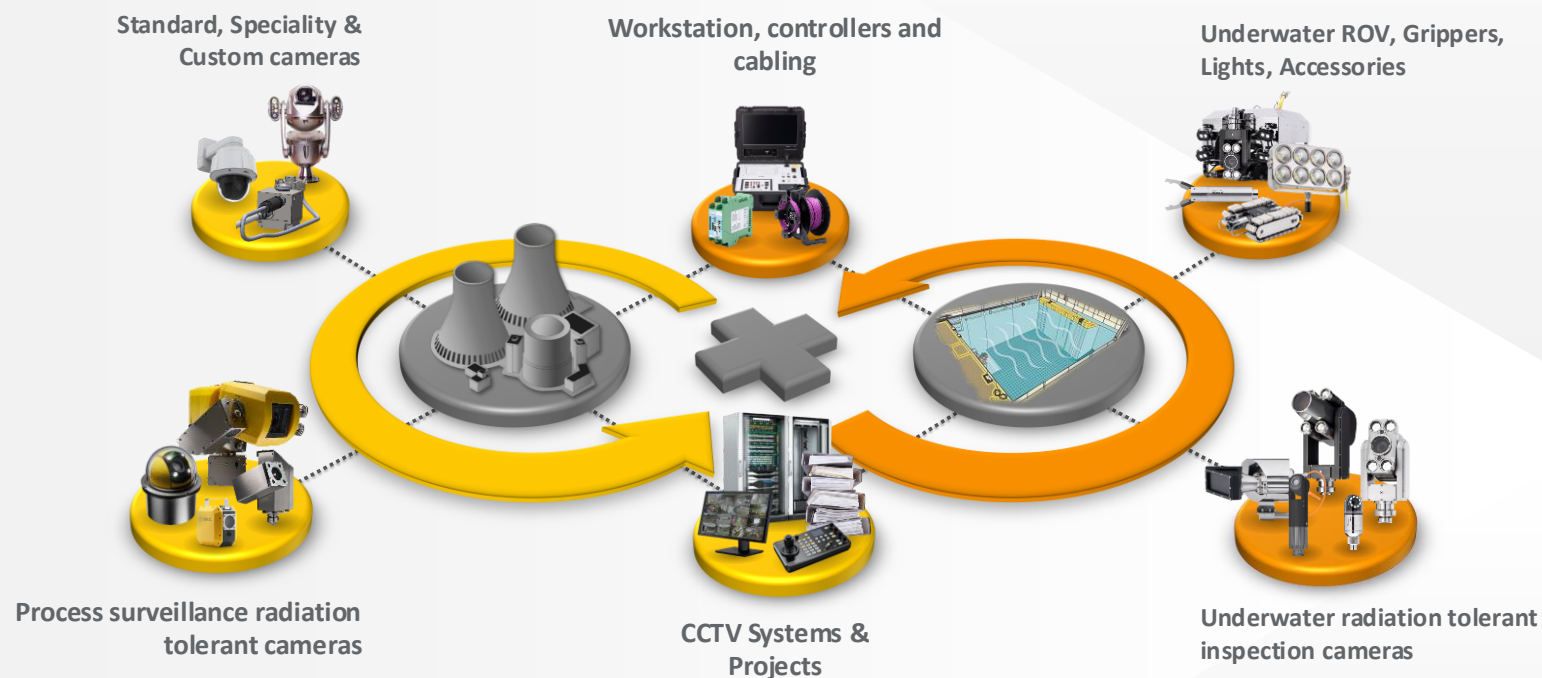
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Short about ISEC

We provide solutions for visual nuclear process surveillance and inspection since more than 30+ years across Europe, North Americas and Asia.



Our approach for Big Science use cases

Big Science needs:

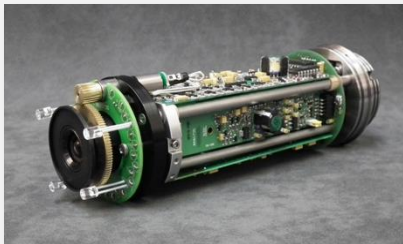
- Radiation exposure scenarios
- Functional constraints
- Operation scenarios



→ Listen and focus on Big Science unique requirements

Traditional Solutions

Standard hardened
technology

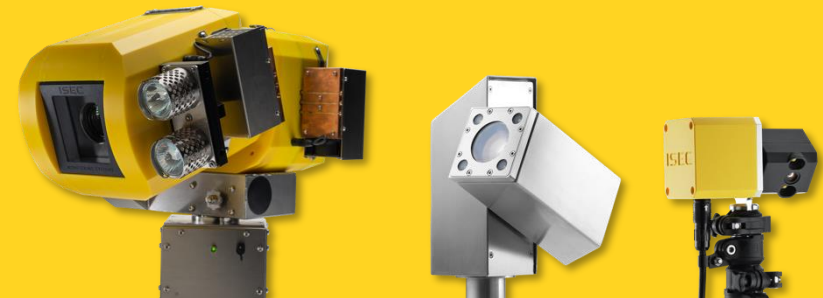


Disposal cameras

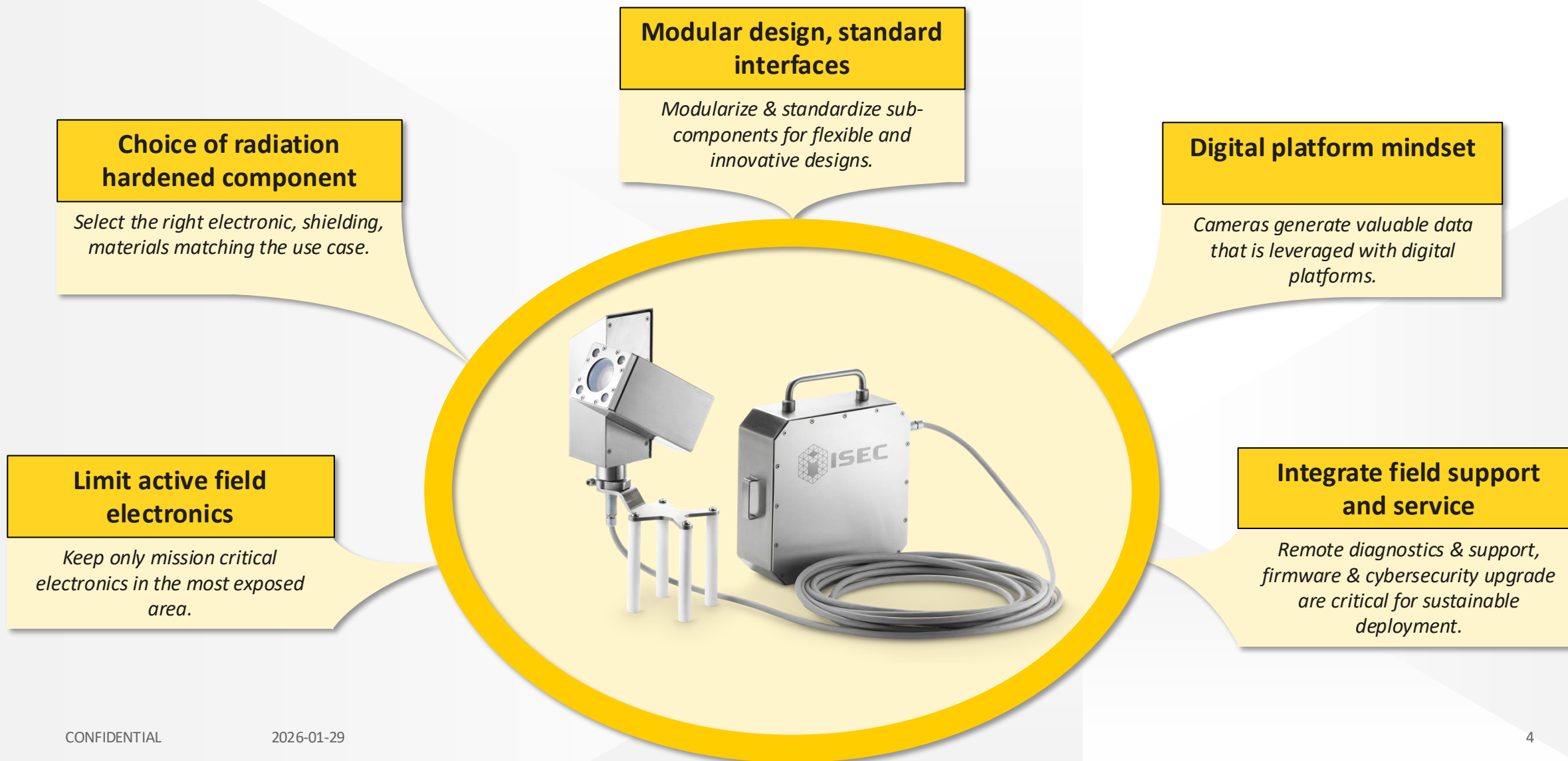


ISEC Solutions

Smart design of rad-hardened products



What is a smart design strategy ?



Smart design enablers



Questions ?

