



Reduce Certification Effort with the SAFERTOS® Design Assurance Pack (DAP)

Safety made transparent

Evidence to prove it. Guidance to achieve it.

Achieving compliance with standards such as IEC 61508, ISO 26262 and FDA 510(k) can require years of documentation, traceability and verification activities. For many teams, the challenge is understanding what auditors expect and how to use certification artefacts effectively.

The SAFERTOS® Design Assurance Pack (DAP), and Design History File (DHF) for medical applications, help demystify the certification process by combining certification-ready evidence with practical implementation guidance.

Developed through more than 20 years of functional safety experience, the DAP and DHF help organisations reduce certification effort and minimise uncertainty by enabling teams to leverage proven certification evidence rather than generate it from scratch.

Key benefits

- Save years of certification effort
- Improve audit readiness
- Reduce project risk
- Build confidence through traceable evidence
- Avoid unnecessary re-testing
- Gain complete lifecycle artefacts and traceability

The safety manual

The safety manual is the bridge between certification evidence and successful implementation. It explains assumptions of use, integration requirements and certification considerations, helping teams:

- Integrate SAFERTOS® correctly
- Apply supplied safety artefacts with confidence
- Reduce engineering effort

Built for your configuration

Certification evidence is only valid for the processor, compiler and configuration assessed by the certification body. Every DAP includes processor/compiler-specific evidence to help avoid certification gaps, reducing additional verification effort and certification risk.

Why SAFERTOS®?

Beyond certification artefacts, SAFERTOS® combines independent certification, full source code visibility and decades of real-world safety experience.

- Independently certified by TÜV SÜD since 2007
- More than 20 years of functional safety expertise
- Proven across multiple safety-critical industries
- 100% certification success record
- No in-field safety incidents
- Expert technical support

From source code to instruction set, every SAFERTOS® safety claim is supported by objective evidence and practical guidance. That's safety made transparent.

Ready to reduce certification effort?

Discover how the SAFERTOS® DAP/DHF can help your team reduce certification effort, improve audit readiness and accelerate compliance.

Talk to a safety expert:

<https://www.highintegritysystems.com/question/>