

IEC 60880:2006 Certified



CANTATA

Cantata has been classified as usable in the development of safety related software, as defined by the **IEC 60880** standard



Cantata has been certified by **SGS -TÜV Saar GmbH**, an independent third party certification body for functional safety, accredited by Deutsche Akkreditierungsstelle GmbH (DAKKS).

AdaTEST 95

AdaTEST 95 dynamically proves code with intelligent unit and integration testing, in the most cost effective manner.

AdaTEST 95 has been successfully used by customers worldwide since the 1990s to meet the main international safety-related standards.

Sector Brief: Energy

In this Sector Brief we highlight:

- › The IEC 60880:2006 software standard's requirements
- › How Cantata and AdaTEST 95 support project certification

IEC 60880

IEC 60880 (*Nuclear power plants - Instrumentation and control systems important to safety - Software aspects for computer-based systems performing category A functions*) outlines requirements for developing software to be used to perform safety-related functions in nuclear power plants.

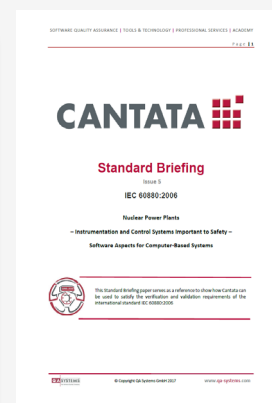
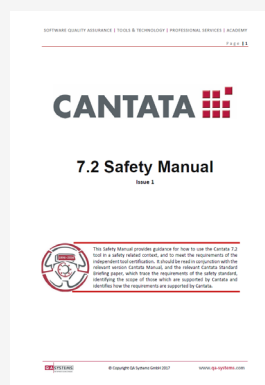
Standard Requirements



Cantata's functionality specifically addresses the following sections of the IEC 60880 standard:

- › Section 8: Software verification
- › Section 14: Software tools for the development of software
- › Annex E: Software verification and testing

Cantata Tool Certification Kit



- › The **Safety Manual** provides guidance on using Cantata in a safety-related context and on meeting independent tool certification requirements.
- › The **Standard Briefing** document provides a line-by-line, paragraph-by-paragraph tracing of IEC 60880's requirements, identifying how each requirement is supported by Cantata.