



# TECHNICAL REPORT

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**Functional safety – Safety instrumented systems for the process industry sector –  
Part 4: Explanation and rationale for changes in IEC 61511-1 from Edition 1 to  
Edition 2**

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ELECTROTECHNICAL  
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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

### FUNCTIONAL SAFETY – SAFETY INSTRUMENTED SYSTEMS FOR THE PROCESS INDUSTRY SECTOR –

#### Part 4: Explanation and rationale for changes in IEC 61511-1 from Edition 1 to Edition 2

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IEC TR 61511-4, which is a Technical Report, has been prepared by subcommittee 65A: Systems aspects, of IEC technical committee 65: Industrial-process measurement, control and automation.

The text of this Technical Report is based on the following documents:

|             |                  |
|-------------|------------------|
| Draft TR    | Report on voting |
| 65A/911/DTR | 65A/920A/RVDTR   |

Full information on the voting for the approval of this Technical Report can be found in the report on voting indicated in the above table.

This document has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all parts in the 61511 series, published under the general title *Functional safety – Safety instrumented systems for the process industry sector*, can be found on the IEC website.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to the specific document. At this date, the document will be

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