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ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: www.iso.org

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This document addresses the use of pre-existing software architectural elements not originally developed in accordance with the ISO 26262:2018 series in the context of development aiming to achieve functional safety according to the ISO 26262:2018 series. It describes criteria for the integration of a pre-existing software architectural element to achieve functional safety.

The criteria establish confidence in a pre-existing software architectural element that enables its use in safety-related embedded software developed in accordance with the ISO 26262:2018 series when:

— it meets the needs of a target software architectural design because it provides required safety-related functionalities and properties (including safety mechanisms);

— it meets the needs of a target software architectural design because of its static and dynamic design, its interfaces and its resources are used.

The evidence supporting confidence is kept up to date as part of the safety case and is subject to confirmation measures.