IEC 62769-4

Edition 2.0 2021-02

INTERNATIONAL STANDARD

NORME INTERNATIONALE

colour
inside

Field device integration (FDI) –
Part 4: FDI Packages

Intégration des appareils de terrain (FDI) –
Partie 4: Paquetages FDI

IEC Central Office
3, rue de Varembé
CH-1211 Geneva 20
Switzerland

Tel.: +41 22 919 02 11
info@iec.ch
www.iec.ch

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FIELD DEVICE INTEGRATION (FDI) –

Part 4: FDI Packages

FOREWORD

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International Standard IEC 62769-4 has been prepared by subcommittee 65E: Devices and integration in enterprise systems, of IEC technical committee 65: Industrial-process measurement, control and automation.

This second edition cancels and replaces the first edition published in 2015. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

a) support for Package Developers to build EDDs targeted for today's EDD bases system under a single development tool;
b) digital signature now includes trusted timestamping for long-term validation of FDI Package;
c) time stamp for device package signature.

The text of this International Standard is based on the following documents:

FDIS	Report on voting
65E/761/FDIS	65E/771/RVD

Full information on the voting for the approval of this International Standard 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 IEC 62769 series, published under the general title *Field Device Integration (FDI)*, 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

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

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INTRODUCTION

The IEC 62769 series has the general title *Field Device Integration (FDI)* and the following parts:

- Part 1: Overview
- Part 2: FDI Client
- Part 3: FDI Server
- Part 4: FDI Packages
- Part 5: FDI Information Model
- Part 6: FDI Technology Mapping
- Part 7: FDI Communication Devices
- Part 100: Profiles – Generic Protocol Extensions
- Part 101-1: Profiles – Foundation Fieldbus H1
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