

# INTERNATIONAL STANDARD

# NORME INTERNATIONALE



**Application integration at electric utilities – System interfaces for distribution management –**

**Part 100: IEC implementation profiles for application integration**

**Intégration d'applications pour les services électriques – Interfaces système pour la gestion de la distribution –**

**Partie 100: Profils de mise en œuvre IEC pour l'intégration d'application**





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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

## APPLICATION INTEGRATION AT ELECTRIC UTILITIES – SYSTEM INTERFACES FOR DISTRIBUTION MANAGEMENT –

### Part 100: IEC implementation profiles for application integration

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This IEC 61968-100:2022 edition cancels and replaces the IEC 61968-100:2013 edition published in 2013. This edition constitutes a technical revision.

- a) This edition includes the following significant technical changes with respect to the previous edition: IEC 61968-100:2022 has been refined to remove ambiguities and redundancies. Informative and normative clauses are marked as such and, in the latter case, appropriate verbal forms of language are used;
- b) The messages defined by IEC 61968-100:2022 are in general not backwards compatible with those of IEC 61968-100:2013. Annex I lists the significant technical changes introduced since the publication of IEC 61968-100:2013 and provides appropriate suggestions for migrating to IEC 61968-100:2022.

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

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57/2446/FDIS	57/2455/RVD

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at [www.iec.ch/members\\_experts/refdocs](http://www.iec.ch/members_experts/refdocs). The main document types developed by IEC are described in greater detail at [www.iec.ch/standardsdev/publications](http://www.iec.ch/standardsdev/publications).

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## INTRODUCTION

This document specifies how implementations of IEC 61968 may be made interoperable using common enterprise integration technologies. In particular, it describes how message payloads defined in IEC 61968 (Parts 3 to 9 and Part 13), IEC 61970 and IEC 62325 are to be exchanged between systems using transport mechanisms such as web services and the Java Message Service.

This document may also find usage beyond information exchanges defined for these International Standards such as for the integration of market systems or for general enterprise integration.