

SLOVENSKI STANDARD

SIST EN ISO/IEC 25064:2017

01-december-2017

Sistemi in programska oprema - Zahteve za kakovost in vrednotenje programske opreme (SQuaRE) - Skupni industrijski format (CIF) za uporabnost: poročilo o uporabniških potrebah (ISO/IEC 25064:2013)

Systems and software engineering - Software product Quality Requirements and Evaluation (SQuaRE) - Common Industry Format (CIF) for usability: User needs report (ISO/IEC 25064:2013)

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System- und Software-Engineering - Qualitätskriterien und Bewertung von Systemen und Softwareprodukten (SQuaRE) - Allgemeines Industrieformat (CIF) zur Gebrauchstauglichkeit: Dokumentation der Erfordernisse von Benutzern (ISO/IEC 25064:2013)

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Ingénierie des systèmes et du logiciel - Exigences de qualité et évaluation du produit logiciel (SQuaRE) - Format industriel commun (CIF) pour l'utilisabilité: Rapport sur les besoins de l'utilisateur (ISO/IEC 25064:2013)

Ta slovenski standard je istoveten z: EN ISO/IEC 25064:2017

ICS:

03.120.01	Kakovost na splošno	Quality in general
35.080	Programska oprema	Software

SIST EN ISO/IEC 25064:2017 en,fr,de

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EUROPEAN STANDARD

EN ISO/IEC 25064

NORME EUROPÉENNE

EUROPÄISCHE NORM

May 2017

ICS 35.080

English Version

Systems and software engineering - Software product
Quality Requirements and Evaluation (SQuaRE) - Common
Industry Format (CIF) for usability: User needs report
(ISO/IEC 25064:2013)

Ingénierie des systèmes et du logiciel - Exigences de
qualité et évaluation du produit logiciel (SQuaRE) -
Format industriel commun (CIF) pour l'utilisabilité:
Rapport sur les besoins de l'utilisateur (ISO/IEC
25064:2013)

System- und Software-Engineering - Qualitätskriterien
und Bewertung von Systemen und Softwareprodukten
(SQuaRE) - Allgemeines Industrieformat (CIF) zur
Gebrauchstauglichkeit: Dokumentation der
Erfordernisse von Benutzern (ISO/IEC 25064:2013)

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European foreword

The text of ISO/IEC 25064:2013 has been prepared by Technical Committee ISO/IEC JTC 1 “Information technology” of the International Organization for Standardization (ISO) and the International Electrotechnical Commission (IEC) and has been taken over as EN ISO/IEC 25064:2017 by Technical Committee CEN/TC 122 “Ergonomics” the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by November 2017, and conflicting national standards shall be withdrawn at the latest by November 2017.

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INTERNATIONAL
STANDARD

ISO/IEC
25064

First edition
2013-09-01

**Systems and software engineering —
Software product Quality Requirements
and Evaluation (SQuaRE) — Common
Industry Format (CIF) for usability: User
needs report**

*Ingénierie des systèmes et du logiciel — Exigences de qualité et
évaluation du produit logiciel (SQuaRE) — Format industriel commun
(CIF) pour l'utilisabilité: Rapport sur les besoins de l'utilisateur*

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Reference number
ISO/IEC 25064:2013(E)



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Published in Switzerland

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Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work. In the field of information technology, ISO and IEC have established a joint technical committee, ISO/IEC JTC 1.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of the joint technical committee is to prepare International Standards. Draft International Standards adopted by the joint technical committee are circulated to national bodies for voting. Publication as an International Standard requires approval by at least 75 % of the national bodies casting a vote.

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ISO/IEC 25064 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 7, *Software and systems engineering*.

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ISO/IEC 25064:2013(E)

Introduction

The human-centred design approach of ISO 9241-210 is well established and focuses on making systems usable. Usability can be achieved by applying human-centred design and testing throughout the lifecycle. In order to enable a human-centred approach to be adopted, it is important that all the relevant types of information related to usability are identified and communicated. This identification and communication enables the usability of a system to be designed and tested.

This International Standard provides a framework and consistent terminology for reporting on the assessment of user needs. Specifying user needs in a consistent manner will assist those developing and acquiring interactive systems. It describes a set of user needs report content elements as part of a human-centred approach to design of interactive systems. A user needs report is intended to assist developers in determining user requirements for a system, product, or service.

The Common Industry Format (CIF) for Usability family of International Standards is described in ISO/IEC TR 25060 and is part of the SQuaRE series (ISO/IEC 25000 – ISO/IEC 25099) of standards on systems and software product quality requirements and evaluation.

CIF standards are planned for the following information items:

- Context of use description (25063)
- User needs report (25064)
- User requirements specification (25065)
- User interaction specification (2506X)
- User interface specification (2506X)
- Usability evaluation report (25066)
- Field data report (2506X)

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