
**Systems and software engineering —
Software product Quality
Requirements and Evaluation
(SQuaRE) — Common Industry Format
(CIF) for Usability: User requirements
specification**

*Ingénierie des systèmes et du logiciel — Exigences et évaluation de
la qualité des systèmes et logiciels (SQuaRE) — Format industriel
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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Introduction

Specifying user requirements in a consistent manner will assist those developing and acquiring interactive systems that are usable. The term "user requirements" is used in this document to refer to user-system interaction requirements (that specify the required interaction to achieve intended outcomes) and use-related quality requirements (expressed in terms of effectiveness, efficiency and satisfaction). It describes a set of content elements for user requirements specifications as part of a human-centred approach to design of an interactive system. A common industry format for a user requirements specification is intended to assist human-centred design teams in specifying user requirements for an interactive system.

The Common Industry Format (CIF) for usability is described in ISO/IEC TR 25060 and is part of the SQuARE series (ISO/IEC 25000–ISO/IEC 2509x) on systems and software product quality requirements and evaluation.

Usability as used in the CIF standards refers to effectiveness, efficiency, and satisfaction as defined in ISO 9241-11, where it is defined as an outcome of use, rather than as a product quality which is an alternate use of the term also provided in ISO/IEC 25010.

CIF standards published or planned for include the following information items:

- usability test reports (see ISO/IEC 25062);
- context of use description (see ISO/IEC 25063);
- user needs report (see ISO/IEC 25064);
- user requirements specification (this document);
- usability evaluation report (see ISO/IEC 25066);

The CIF standards are part of the "Extension Division" of the ISO/IEC 25000 SQuaRE series. [Table 1](#) presents an overview of the structure and the contents of the SQuaRE series.

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ISO/IEC 2503x: Quality requirement division	ISO/IEC 2501x: Quality model division	ISO/IEC 2504x: Quality evaluation division
	ISO/IEC 2500x: Quality management division	
	ISO/IEC 2502x: Quality measurement	
ISO/IEC 2505x–ISO/IEC 2509x: SQuaRE extension division		
— ISO/IEC 25051–2505x: Requirements for quality of Ready to Use Software Product (RUSP) division		
— ISO/IEC 2506x: Common Industry Format (CIF) for Usability division		