

BUREAU OF INDIAN STANDARDS
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**मसौदा भारतीय मानक
निर्भरणीयता प्रबंधन - भाग 3 अनुप्रयोग मार्गदर्शिका
अनुभाग 14 रखरखाव और रखरखाव समर्थन
(पहला पुनरीक्षण)**

**Draft Indian Standard
Dependability Management - Part 3 Application Guide
Section 14 Maintenance and maintenance support
(First revision)**

ICS 03.100.40; 03.120.01

**LITD 02 Dependability of Electronic,
Electrical Components, Equipment and
Systems Sectional Committee**

Last Date for Comments: 21 June 2025

NATIONAL FOREWORD

(Formal clauses will be added later)

This draft Indian Standard (Part 1) which is identical to 'IEC 60300-3-14: 2024 Dependability management - Part 3-14: Application guide - Supportability and support' issued by the

International Electrotechnical Commission (IEC) will be adopted by the Bureau of Indian Standards (BIS) on the recommendations of Dependability of Electronic, Electrical Components, Equipment and Systems Sectional Committee and approval of the Electronics and Information Technology Division Council.

This Standard was originally published in 2019 and was identical with IEC 60300-3-14:2004. The first revision of this standard has been undertaken to align it with the latest version of IEC 60300-3-14:2024.

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

- a) consistency with the other core dependability standards prepared by IEC TC 56;
- b) expansion of supportability and support principles and activities in dependability.

The text of ISO/IEC Standard may be approved as suitable for publication as an Indian Standard without deviations. Certain conventions and terminologies are, however, not identical to those used in Indian Standards. Attention is particularly drawn to the following:

- a) Wherever the words ‘International Standard’ appear referring to this standard, they should be read as ‘Indian Standard’, and
- b) Comma (,) has been used as a decimal marker while in Indian Standards, the current practice is to use a point (.) as the decimal marker.

Scope of IEC 60300-3-14: 2024 is as follows:

“This part of IEC 60300 introduces the dependability attribute of supportability (and support) and the relationship with related dependability attributes of reliability, maintainability and availability.

This document can be used at any time during an item’s life to guide the planning and implementing of supportability and support activities focused on achieving an intended balance of performance, cost and risk. All activities can be tailored to the nature of the item and its conditions of use.

Guidance is offered on how supportability and support activities can be applied at any life cycle stage for newly designed items, existing items available for commercial procurement, or for items during their operational life.

This document considers the life cycle implications by formally managing risks associated with the management and delivery of activities to create, operate, maintain and refurbish an item to achieve its stated purpose.

This document describes the:

- nature of supportability and support;
- role of supportability and support in achieving item value over its life;
- trade-offs associated with supportability and support to achieve desired balance of cost, performance and risk during the life of an item;
- importance of aligning the structure of an organization with its objectives, with the ultimate aim of improving efficiency and effectiveness in order to deliver the required supportability and support.”

Note: - The Technical content of this document has not been enclosed as these are identical with the corresponding ISO/IEC Standard. For details please refer to IEC 60300-3-14: 2024 or kindly contact.

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