



ISO Form 4 NEW WORK ITEM PROPOSAL (NP)

Circulation date: 2024-11-08	Reference number: ISO/NP 25608
Closing date for voting: 2025-01-31	
Proposer KATS	ISO/TC 304 N 460
Secretariat ANSI	

A proposal for a new work item within the scope of an existing committee shall be submitted to the secretariat of that committee.

A proposal for a new project committee shall be submitted to the Central Secretariat, which will process the proposal in accordance with ISO/IEC Directives, Part 1, Clause 2.3.

Guidelines for proposing and justifying new work items or new fields of technical activity (Project Committee) are given in ISO/IEC Directives, Part 1, Annex C.

IMPORTANT NOTE: Proposals without adequate justification and supporting information risk rejection or referral to the originator.

- The proposer confirms that this proposal has been drafted in compliance with Annex C of ISO/IEC Directives, Part 1.

PROPOSAL

(to be completed by the proposer, following discussion with committee leadership if appropriate)

TITLE**English title:**

Healthcare organization management -- Smart hospitals -- RTLS for portable devices

French title:

(In the case of an amendment, revision or a new part of an existing document, show the reference number and current title)

SCOPE

This document specifies the requirements for efficient portable devices management in smart hospitals using the real-time location system (RTLS).

This document does not specify the following:

- 1) RTLS technical specifications (tags/beacons, scanner), refer to ISO/IEC 24730, 24770, and 24769 series
- 2) Network configurations or specifications for installing RTLS devices
- 3) RTLS testing and validation methods.

PURPOSE AND JUSTIFICATION

The real-time location system (RTLS) is transforming the management of healthcare environments, particularly in the tracking and utilization of portable medical devices. In a hospital, devices such as infusion pumps, ventilators, and portable imaging equipment are used for patient care, and RTLS technology enables hospitals to manage these assets more effectively. This technological advancement offers various benefits, in terms of operational efficiency, cost management, and patient safety. The RTLS provides real-time visibility of device locations, which helps reduce the time staff spends searching for medical equipment. This capability not only improves response times in emergency situations but also optimizes device utilization across departments. However, lack of shared standards hinder effective communication between hospital decision makers and RTLS providers. The purpose of this document is to provide key requirements for RTLS for portable devices

Sustainable Development Goals (SDGs)

Goal 3: Good Health and Well-Being for People
Goal 9: Industry, Innovation, and Infrastructure
Goal 11: Sustainable Cities and Communities
Goal 12: Responsible Consumption and Production

Preparatory work

- A draft is attached An outline is attached An existing document serving as the initial basis is attached

The proposer is prepared to undertake the preparatory work required:

- Yes No

If a draft is attached to this proposal:

Please select from one of the following options:

- The draft document can be registered at Preparatory stage (WD – stage 20.00)
 The draft document can be registered at Committee stage (CD – stage 30.00)
 The draft document can be registered at enquiry stage (DIS – stage 40.00)

If the attached document is copyrighted or includes copyrighted content:

- The proposer confirms that copyright permission has been granted for ISO to use this content in compliance with the ISO/IEC Directives, Part 1 (see also the Declaration on copyright).

Is this proposal for an ISO management System Standard (MSS)?

Yes No

Note: If yes, this proposal must have an accompanying justification study. Please see the Consolidated Supplement to the ISO/IEC Directives, Part 1, Annex SL or Annex JG

Indication of the preferred type to be developed

International Standard Technical Specification
 Publicly Available Specification *

* While a formal NP ballot is not required to start developing a PAS (no eForm04), the NP form may provide useful information for the committee P-members to consider when deciding to initiate a Publicly Available Specification.

Proposed Standard Development Track (SDT – to be discussed by the proposer with the committee manager or ISO/CS)

18 months 24 months 36 months

Draft project plan (as discussed with committee leadership)

Proposed date for first meeting: [2025-03-17](#)

Dates for key milestones: Circulation of 1st Working Draft (if any) to experts: [2025-03-28](#)

Committee Draft consultation (if any): [2026-01-02](#)

DIS submission*: [2026-12-04](#)

Publication*: [2027-12-03](#)

* Target Dates for DIS submission and Publication should be set a few weeks ahead of the limit dates automatically determined when selecting the SDT.

NOTE: [ISO/Meetings](#) and [ISO/Projects](#) allow you to register and continuously update the meeting dates and project target dates during the development of the project.

Known patented items (see ISO/IEC Directives, Part 1 for important guidance)

Yes No

If "Yes", provide full information as annex

Co-ordination of work: To the best of your knowledge, has this or a similar proposal been submitted to another standards development organization?

Yes No

If "Yes", please specify which one(s):

Listing of relevant documents (such as standards and regulations) at international, regional and national level

Identification and description of relevant affected stakeholder categories (Please see ISO CONNECT)

Benefits/Impacts/Examples

Industry and commerce - large industry	Provides RTLS requirements for tracking and utilization of portable device
Industry and commerce - SMEs	Provides RTLS requirements for tracking and utilization of portable device
Government	
Consumers	Optimizes device utilization across departments
Labour	Helps reduce the time staff spends searching for portable devices Helps hospitals to manage portable assets more effectively
Academic and research bodies	
Standards application businesses	
Non-governmental organizations	
Other (please specify)	
Liaisons: A listing of relevant external international organizations or internal parties (other ISO and/or IEC committees) to be engaged as liaisons in the development of the deliverable.	Joint/parallel work: Possible joint/parallel work with: <input type="checkbox"/> IEC (please specify committee ID) <input type="checkbox"/> CEN (please specify committee ID) <input type="checkbox"/> Other (please specify)
A listing of relevant countries which are not already P-members of the committee. Note: The Committee Manager shall distribute this NP to the ISO members of the countries listed above to ask if they wish to participate in this work	
Proposed Project Leader (name and e-mail address) Me Yeon Lee, M.D, Ph.D mylee@hallym.or.kr	Name of the Proposer (include contact information) Sun-Ju AHN april0149@gmail.com
This proposal will be developed by: <input type="checkbox"/> An existing Working Group: <input checked="" type="checkbox"/> A new Working Group: (title: WG 8 Smart Hospitals (This WG has recently been approved by TC ballot)) (Note: establishment of a new Working Group requires approval by the parent committee) <input type="checkbox"/> The TC/SC directly <input type="checkbox"/> To be determined:	

Supplementary information relating to the proposal

- This proposal relates to a new ISO document
- This proposal relates to the adoption as an active project of an item currently registered as a Preliminary Work Item
- This proposal relates to the re-establishment of a cancelled project as an active project

Other:

Maintenance agencies (MA) and registration authorities (RA)

- This proposal requires the designation of a maintenance agency. If so, please identify the potential candidate:

- This proposal requires the designation of a registration authority. If so, please identify the potential candidate:

NOTE: Selection and appointment of the MA or RA are subject to the procedure outlined in ISO/IEC Directives, Part 1, Annex G and Annex H.

- Annex(es) are included with this proposal (provide details)

Additional information/question(s)