Form 4: New Work Item Proposal

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| Circulation date:  2017/11/27  Closing date for voting:  Click here to enter text. | Reference number: Click here to enter text. (to be given by Central Secretariat) |
| Proposer (e.g. ISO member body or A liaison  organization)  CalConnect | **ISO/TC** 211**/SC** Click here to enter text.  Proposal for a new PC |
| Secretariat  SIS | **N** Click here to enter text. |

A proposal for a new work item within the scope of an existing committee shall be submitted to the secretariat of that committee with a copy to the Central Secretariat and, in the case of a subcommittee, a copy to the secretariat of the parent technical committee. Proposals not within the scope of an existing committee shall be submitted to the secretariat of the ISO Technical Management Board.

The proposer of a new work item may be a member body of ISO, the secretariat itself, another technical committee or subcommittee, an organization in liaison, the Technical Management Board or one of the advisory groups, or the Secretary-General.

The proposal will be circulated to the P-members of the technical committee or subcommittee for voting, and to the O-members for information.

**IMPORTANT NOTE:Proposals without adequate justification risk rejection or referral to originator**.  
Guidelines for proposing and justifying a new work item are contained [**in Annex C of the ISO/IEC Directives, Part 1**](http://isotc.iso.org/livelink/livelink?func=ll&objId=4230452&objAction=browse&sort=subtype)**.**

The proposer has considered the guidance given in the Annex C during the preparation of the NWIP.

**Proposal** (to be completed by the proposer)

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| **Title of the proposed deliverable.**  **English title:**  Addressing – Machine Readable Syntax  **French title (if available):**  Click here to enter text.  *(In the case of an amendment, revision or a new part of an existing document, show the reference number and current title)* | |
| **Scope of the proposed deliverable.**  This document specifies a method for digital storage and transmission of address profile information as according to the address conceptual model specified in ISO 19160-1, address instance information that fit a profile, and a templating and expression method for displaying addresses and forms according to an ISO 19160-1 address profile. | |
| **Purpose and justification of the proposal\***  Addresses are among the most commonly exchanged information on the Internet, and the interchange of them is crucial to a number of Internet applications, such as electronic commerce, contact exchange, non-postal deliveries, as well as location scheduling.  Yet, addresses mean much more than just geolocation information:  - As an identity, such as an office address  - As reference points (waypoints) in routing information  - As a delivery point  The lifecycle of an address entry exchanged on the Internet typically starts with manual input of a human actor. This data, structured or unstructured, is then submitted to an Internet-connected application, and the application may in turn transmit this information to other applications or external parties on behalf of the user who provided the address. This transmission is usually performed to fulfil service delivery to the user. Within the process, there may be machine-human interactions that require display of the address in human-readable form, as well as machine-to-machine interactions on the address, such as for data validation.  Additional caution must be placed on the accuracy (or lack thereof) of human input addresses. While an address specified by a human actor may unambiguously distinguish a location, there may be intention or unintentional omissions or additions to an “official” address (if there was one).  This International Standard facilitates the interchange and interaction of addresses between humans and applications, and between applications, through the specification of a defined syntax for applications to interact and interchange international addresses, while supporting human input and human-machine interaction, without loss of fidelity.  CalConnect will incorporate this specification into the next version of the vCard standard. The vCard standard is currently used by over 3 billion devices worldwide.  *Consider the following: Is there a verified market need for the proposal? What problem does this standard solve? What value will the document bring to end-users? See Annex C of the ISO/IEC Directives part 1 for more information.*  *See the following guidance on justification statements on ISO Connect:* [*https://connect.iso.org/pages/viewpage.action?pageId=27590861*](https://connect.iso.org/pages/viewpage.action?pageId=27590861) | |
| **Preparatory work** (at a minimum an outline should be included with the proposal)  A draft is attached  An outline is attached  An existing document to serve as initial basis  The proposer or the proposer's organization 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 (note that if no option is selected, the default will be the first option):  Draft document will be registered as new project in the committee's work programme (stage 20.00)  Draft document can be registered as a Working Draft (WD – stage 20.20)  Draft document can be registered as a Committee Draft (CD – stage 30.00)  Draft document can be registered as a Draft International Standard (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 clause 2.13 of the ISO/IEC Directives, Part 1 (see also the Declaration on copyright). | |
| **Is this a Management Systems Standard (MSS)?**  Yes  No  NOTE: if Yes, the NWIP along with the Justification study (see [Annex SL of the Consolidated ISO Supplement](http://isotc.iso.org/livelink/livelink?func=ll&objId=4230452&objAction=browse&sort=subtype)) must be sent to the MSS Task Force secretariat ([tmb@iso.org](mailto:tmb@iso.org)) for approval before the NWIP ballot can be launched. | |
| **Indication(s) of the preferred type or types of deliverable(s) to be produced under the proposal.**  International Standard  Technical Specification  Publicly Available Specification  Technical Report | |
| **Proposed development track**  18 months\*  24 months  36 months  48 months  **Note: Good project management is essential to meeting deadlines. A committee may be granted only one extension of up to 9 months for the total project duration (to be approved by the ISO/TMB).**  **\*DIS ballot must be successfully completed within 13 months of the project’s registration in order to be eligible for the direct publication process** | |
| **Draft project plan (as discussed with committee leadership)**  Proposed date for first meeting: ­­­­Click here to enter text.  Dates for key milestones: DIS submission Click here to enter text.  Publication Click here to enter text. | |
| **Known patented items (see** [**ISO/IEC Directives, Part 1**](http://isotc.iso.org/livelink/livelink?func=ll&objId=4230452&objAction=browse&sort=subtype) **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):  Click here to enter text. | |
| **A statement from the proposer as to how the proposed work may relate to or impact on existing work, especially existing ISO and IEC deliverables. The proposer should explain how the work differs from apparently similar work, or explain how duplication and conflict will be minimized.**  The ISO 19160 Addressing series specifies an international address model which is immensely useful. However, it has not yet been applied to Internet applications which rely heavily on machine-readable and machine-interact-able formats. This work will allow the 19160 format to form the basis of an Internet “interchange-able” address format, and facilitate address exchange among computer applications. | |
| **A listing of relevant existing documents at the international, regional and national levels.**  ISO 19160-1 Addressing -- Part 1: Conceptual Model  RFC 5545 iCalendar Specifications  RFC 6350 vCard Version 4 | |
| **Please fill out the relevant parts of the table below to identify relevant affected stakeholder categories and how they will each benefit from or be impacted by the proposed deliverable(s).**   |  |  |  | | --- | --- | --- | |  | **Benefits/impacts** | **Examples of organizations/companies to be contacted** | | **Industry and commerce – large industry** | Allows users to directly provide structured / verified addresses for shipping information | Amazon, DHL, Alibaba | | **Industry and commerce – SMEs** | Allows users to directly provide structured / verified addresses for shipping information | Click here to enter text. | | **Government** | Allows unification for machine-stored addresses under the same scheme | Governments | | **Consumers** | For e-commerce, ensure that the addresses they input can be verified, and if the address is verified, then they are more likely to receive their packages. | Click here to enter text. | | **Labour** | Click here to enter text. | Click here to enter text. | | **Academic and research bodies** | Click here to enter text. | Click here to enter text. | | **Standards application businesses** | Machine-readable addressing is very widely used, not only in postal but also in electronic contact exchange. This standard could unify all of those usages. | GS1 | | **Non-governmental organizations** | Click here to enter text. | Click here to enter text. | | **Other (please specify)** | Click here to enter text. | Click here to enter text. | | |
| **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(s).  CalConnect  UPU | **Joint/parallel work:**  **Possible joint/parallel work with:**  IEC (pleasespecify committee ID)  Click here to enter text.  CEN (pleasespecify committee ID)  Click here to enter text.  Other (pleasespecify)  Click here to enter text. |
| **A listing of relevant countries which are not already P-members of the committee.**  Click here to enter text.  Note: The committee secretary shall distribute this NWIP to the countries listed above to see if they wish to participate in this work | |
| **Proposed Project Leader** (name and e-mail address)  Click here to enter text. | **Name of the Proposer**  (include contact information)  Click here to enter text. |
| **This proposal will be developed by:**  An existing Working Group (please specify which one: WG7)  A new Working Group (title: Click here to enter text.)  (Note: establishment of a new WG must be approved by committee resolution)  The TC/SC directly  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:  Click here to enter text. | |
| **Maintenance agencies and registration authorities**  This proposal requires the service of a **maintenance agency**. If yes, please identify the potential candidate:  Click here to enter text.  This proposal requires the service of a **registration authority**. If yes, please identify the potential candidate:  Click here to enter text.  NOTE: Selection and appointment of the MA or RA is subject to the procedure outlined in the [ISO/IEC Directives](http://isotc.iso.org/livelink/livelink?func=ll&objId=4230452&objAction=browse&sort=subtype), Annex G and Annex H, and the RA policy in the ISO Supplement, Annex SN. | |
| Annex(es) are included with this proposal (give details)  Click here to enter text. | |
| Additional information/questions  Click here to enter text. | |