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| The International Teleocmmunication Union - Connecting the World. | **International telecommunication union**  **Telecommunication Standardization Bureau** | |  |
|  | | Geneva, 28 January 2025 | |
| **Ref:** | **TSB Circular 15**  **SG20/CB** | **To:**   * Administrations of Member States of the Union;   **Copy to:**  - ITU-T Sector Members;  - Associates of ITU-T Study Group 20;  - ITU Academia;  - The Chair and Vice-Chairs of ITU-T Study Group 20;  - The Director of the Telecommunication Development Bureau;  - The Director of the Radiocommunication Bureau | |
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| **Subject:** | **Status of Recommendations ITU-T Y.4506 (ex Y.DRI-arch), Y.4229 (ex Y.IoT-SFFS), Y.4230 (ex Y.EV-charging), Y.4231 (ex Y.IoT-Vreqs), Y.4232 (ex Y.IoT-RTPS), Y.4233 (ex Y.FSPH), Y.4234 (ex Y.RemoteEd), Y.4222 (ex Y.smart-evacuation), Y.4507 (ex Y.arc-psfws), Y.4508 (ex Y.DPM-alm-fra), Y.4706 (ex Y.dem-IoT) and Y.4499 (ex Y.UIM-cs-framework) after the ITU-T Study Group 20 meeting (Geneva, 15-24 January 2025)** | | |

Dear Sir/Madam,

1 Further to [TSB Circular 236](https://www.itu.int/md/T22-TSB-CIR-0236/en) of 27 September 2024, and pursuant to 9.5 of Resolution 1 (Rev. Geneva, 2022), I hereby inform you that Study Group 20 reached the following decision during its Plenary sessions held on 15 January 2025 and 22 January 2025 in Geneva, concerning the following draft ITU-T texts:

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| **Number** | **Title** | **Decision** |
| **ITU-T Y.4506  (ex Y.DRI-arch)** | Reference architecture for the interworking of autonomous urban delivery robots | APPROVED |
| **ITU-T Y.4229  (ex Y.IoT-SFFS)** | Requirements and reference functional model for an Internet of things-based smart forest firefightin​g system | APPROVED |
| **ITU-T Y.4230  (ex Y.EV-charging)** | Requirements and capability framework for a public smart charging service for electric vehicles | APPROVED |
| **ITU-T Y.4231  (ex Y.IoT-Vreqs)** | Requirements and capability framework of the Internet of things for vision | APPROVED |
| **ITU-T Y.4232  (ex Y.IoT-RTPS)** | Requirements, capabilities and use cases of Internet of things infrastructures in roadside traffic perception system | APPROVED |
| **ITU-T Y.4233  (ex Y.FSPH)** | Framework for smart public health emergency management in smart and sustainable cities | APPROVED |
| **ITU-T Y.4234/ F.742.3  (ex Y.RemoteEd)** | Requirements, capabilities and deployment models for e-learning in remote classrooms | APPROVED |
| **ITU-T Y.4222  (ex Y.smart-evacuation)** | Framework of smart evacuation in a disaster or emergency in smart cities and communities | APPROVED |
| **ITU-T Y.4507  (ex Y.arc-psfws)** | A functional architecture of power supply facilities warning system | APPROVED |
| **ITU-T Y.4508  (ex Y.DPM-alm-fra)** | Functional requirements and architecture of blockchain-based activity log management for Internet of things (IoT) data processing and management | APPROVED |
| **ITU-T Y.4706  (ex Y.dem-IoT)** | Data exchange model for Internet of things (IoT) devices in power transmission and transformation equipment | APPROVED |
| **ITU-T Y.4499 (ex Y.UIM-cs-framework)** | Framework for urban infrastructure monitoring based on crowdsourcing | APPROVED |

2 Available patent information can be accessed online via the [ITU-T website](http://www.itu.int/net4/ipr/search.aspx?sector=ITU&class=PS).

3 The text of the pre-published Recommendations will be available on the ITU-T website at <https://www.itu.int/itu-t/recommendations/>.

4 The text of the Approved Recommendations will be published by ITU as soon as possible.

Yours faithfully,

A black text on a white background

Description automatically generatedSeizo Onoe   
Director of the Telecommunication  
Standardization Bureau