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| The International Teleocmmunication Union - Connecting the World. | **International telecommunication union**  **Telecommunication Standardization Bureau** | |  |
|  | | Geneva, 17 October 2025 | |
| **Ref:** | **TSB Circular 80**  **SG20/CB** | **To:**   * Administrations of Member States of the Union; * The State of Palestine (Res.99 (Rev. Dubai, 2018))   **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 | |
| **Tel:** | +41 22 730 6301 |
| **Fax:**  **E-mail:** | +41 22 730 5853  [tsbsg20@itu.int](mailto:tsbsg20@itu.int) |
| **Subject:** | **Status of Recommendations ITU-T Y.4235 (ex Y.PGComNet-Reqts), ITU-T Y.4236 (ex Y.EMM-Reqts), ITU-T Y.4237 (ex Y.dt-IWCS), ITU-T Y.4496 (ex Y.RA-PHE), ITU-T Y.4708 (ex Y.IoT-DPE), ITU-T Y.4609 (ex Y.metadata-EPI), ITU-T Y.4813 (ex Y.iepi-dm-sa), ITU-T Y.4814 (ex Y.IoT-acs-fra) and ITU-T Y.4911 (ex Y.KPI-Flood) after the ITU-T Study Group 20 meeting (Geneva, 15-25 September 2025)** | | |

Dear Sir/Madam,

1. Further to [TSB Circular 39](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=T25-TSB-CIR-0039) of 14 April 2025, and pursuant to 9.5 of Resolution 1 (Rev. Geneva, 2022), I hereby inform you that Study Group 20 reached the following decisions during its Plenary sessions held on 15 September 2025 and 23 September 2025 in Geneva, concerning the listed draft ITU-T texts:

| **Number** | **Title** | **Decision** |
| --- | --- | --- |
| **Y.4235**  **(ex Y.PGComNet-Reqts)** | Requirements of IoT-based power grid communication network | APPROVED |
| **Y.4236**  **(ex Y.EMM-reqts)** | Requirements for real-time event monitoring and integrated management in smart city platforms | APPROVED |
| **Y.4237**  **(ex Y.dt-IWCS)** | Requirements and capability framework of digital twin for intelligent water conservancy system | APPROVED |
| **Y.4496**  **(ex Y.RA-PHE)** | Requirements and reference architecture of smart public health emergency information system | APPROVED |
| **Y.4708**  **(ex Y.IoT-DPE)** | Management framework for IoT-based distributed power equipment | APPROVED |
| **Y.4609**  **(ex Y.metadata-EPI)** | Inventory metadata for IoT-based electric power infrastructure monitoring system | APPROVED |
| **Y.4813**  **(ex Y.iepi-dm-sa)** | Security assessment framework of data management for IoT-based electric power infrastructure | APPROVAL DEFERRED |
| **Y.4814**  **(ex Y.IoT-acs-fra)** | Functional requirements and architecture of access control service of Internet of things (IoT) platform enabled by zero trust in decentralized environments | APPROVED |
| **Y.4911**  **(ex Y.KPI-Flood)** | Key performance indicators of ICT-based data support capabilities for urban flood disaster prevention and mitigation | 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 the International Telecommunication Union (ITU) as soon as possible.

Yours faithfully,

*(signed)*

Seizo Onoe   
Director of the Telecommunication  
Standardization Bureau