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| DRAFT NEW RESOLUTION [ECP-CLI] - Provision of handset-derived caller location information for emergency communications |
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| **Abstract:** | The adoption of technical solutions for the establishment and transmission of handset-derived location information for emergency communications is having a significant positive impact on public safety in countries where such solutions have already been implemented. This resolution calls on ITU-T to raise awareness of the availability of such technical solutions, to develop operational recommendations for their deployment and to encourage their adoption across all ITU Member States. |
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DRAFT NEW RESOLUTION [ECP-CLI] (New Delhi, 2024)

Provision of handset-derived caller location information for emergency communications

(New Delhi, 2024)

The World Telecommunication Standardization Assembly (New Delhi, 2024),

considering

*a)* that Information and Communication Technologies (ICTs) are an essential enabler for public safety by providing a primary means of access to emergency services;

*b)* modern smartphones can use measurements from GNSS, A-GNSS, Wi-Fi and location from the mobile network to calculate a location estimate, usually more accurate than network-provided location, which can then be transmitted to the emergency services to help ensure swift and effective emergency intervention;

*c)* effective emergency intervention requires the provision of emergency assistance to citizens who need help in the shortest possible amount of time in order to reduce instances of serious injury or fatality;

*d)* the provision of accurate and reliable caller location information to the emergency services has a direct and significant positive impact on the timeliness of an emergency intervention;

*e)* that, since 2016, significant developments in technical solutions for the provision of handset-derived caller location information have taken place and successful deployments have been made around the world;

*f)* that handset-derived location could potentially save numerous lives and positively impact many more, while also generating substantial economic benefits;

*g)* that the global smartphone penetration rate is expected to reach billions of end-users in the near future, with the vast majority of these smartphones capable of providing handset-derived caller location information to emergency services,

noting

*a)* that standards have been developed by several SDOs including ETSI[[1]](#footnote-1), 3GPP[[2]](#footnote-2) and W3C[[3]](#footnote-3) to facilitate the transmission of handset-derived caller location information through public telecommunications networks to the emergency services;

*b)* that the provision of handset-derived caller location information is already a regulatory requirement in many countries[[4]](#footnote-4),

instructs ITU-T Study Group 2

1 as the lead SG on this issue in collaboration with other ITU-T SGs, and in co-operation with organizations with specific expertise in this area, to study the necessary requirements for the establishment and transmission of handset-derived caller location information to the emergency services and to consider a gap analysis of standardization activities in other standardization bodies;

2 to develop operational recommendations for the deployment of technical solutions for the establishment and transmission of handset-derived caller location information in ITU Member States in coordination with associated regional groups, so that a common basis for deployment can be established;

3 in collaboration with ITU-D, to promote the concept and benefits of handset-derived caller location information for improving public safety,

instructs the Director of the Telecommunication Standardization Bureau

1 to promote collaboration with ITU-D and ITU-R sectors and to take appropriate action to facilitate the foregoing work regarding the deployment of technical solutions for the establishment and transmission of handset-derived caller location information for emergency communications;

2 to cooperate, collaborate and raise awareness with other entities within the United Nations in formulating future international efforts to promote the deployment of technical solutions for the establishment and transmission of handset-derived caller location information for emergency communications;

invites Member States, Sector Members and Associates

1 to actively engage within the relevant ITU-T study group(s) to develop operational recommendations for the deployment of technical solutions, to raise awareness and promote the deployment of technical solutions for the establishment and transmission of handset-derived caller location information for emergency communications*.*

**Reasons:** This resolution calls on ITU-T to raise awareness of the availability of such technical solutions, to develop operational recommendations for their deployment and to encourage their adoption across all ITU Member States.

1. [ETSI TS 103 625 V1.3.1 (2023-03)](https://www.etsi.org/deliver/etsi_ts/103600_103699/103625/01.03.01_60/ts_103625v010301p.pdf) [↑](#footnote-ref-1)
2. [3GPP TS 32.271 version 16.0.0 Release 16](https://www.etsi.org/deliver/etsi_ts/132200_132299/132271/16.00.00_60/ts_132271v160000p.pdf) [↑](#footnote-ref-2)
3. [HTML5 Living Standard](https://html.spec.whatwg.org/multipage/) [↑](#footnote-ref-3)
4. Directive (EU) 2018/1972 of the European Parliament and of the Council of 11 December 2018 establishing the European Electronic Communications Code (Recast)Text with EEA relevance. [↑](#footnote-ref-4)