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# ITU-T

TELECOMMUNICATION  
STANDARDIZATION SECTOR  
OF ITU

## F.922

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SERIES F: NON-TELEPHONE TELECOMMUNICATION  
SERVICES

Accessibility and human factors

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### Requirements of information service systems for visually impaired persons

Recommendation ITU-T F.922



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# Recommendation ITU-T F.922

## Requirements of information service systems for visually impaired persons

### Summary

Recommendation ITU-T F.922 establishes requirements for an information service system for visually impaired persons (ISS-VIPs), based on the mobile Internet, which connects visually impaired persons (VIPs) and volunteers. With the assistance of volunteers, the system enables VIPs to solve problems not yet handled by automatic assistive technology. The ISS-VIPs is constructed in client/server mode, enabling VIPs and volunteers to access it through their client software and to use its services or to provide its services to another person. The ISS-VIPs provides three kinds of service: image recognition; video assistance; and trip companion. The ISS-VIPs also supports the use of other software tools for assisting VIPs, so as to save valuable volunteer resources for service provision in person. While provision of services to VIP is the top priority, the ISS-VIPs can also be used by non-VIP with special service requirements.

### History

| Edition | Recommendation | Approval   | Study Group | Unique ID*                                                                            |
|---------|----------------|------------|-------------|---------------------------------------------------------------------------------------|
| 1.0     | ITU-T F.922    | 2020-08-13 | 16          | <a href="http://handle.itu.int/11.1002/1000/111002/1000/14335">11.1002/1000/14335</a> |

### Keywords

Accessibility, information service system, Internet, mobile network, visually impaired persons.

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\* To access the Recommendation, type the URL <http://handle.itu.int/> in the address field of your web browser, followed by the Recommendation's unique ID. For example, <http://handle.itu.int/11.1002/1000/111002/1000/14335>.

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The World Telecommunication Standardization Assembly (WTSA), which meets every four years, establishes the topics for study by the ITU-T study groups which, in turn, produce Recommendations on these topics.

The approval of ITU-T Recommendations is covered by the procedure laid down in WTSA Resolution 1.

In some areas of information technology which fall within ITU-T's purview, the necessary standards are prepared on a collaborative basis with ISO and IEC.

## NOTE

In this Recommendation, the expression "Administration" is used for conciseness to indicate both a telecommunication administration and a recognized operating agency.

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As of the date of approval of this Recommendation, ITU had not received notice of intellectual property, protected by patents, which may be required to implement this Recommendation. However, implementers are cautioned that this may not represent the latest information and are therefore strongly urged to consult the TSB patent database at <http://www.itu.int/ITU-T/ipr/>.

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