

Recommendation **ITU-T F.748.50 (03/2025)**

SERIES F: Non-telephone telecommunication services

Multimedia services

Framework and requirements of digital human access interfaces

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Recommendation ITU-T F.748.50

Framework and requirements of digital human access interfaces

Summary

Recommendation ITU-T F.748.50 specifies the framework and technical requirements for the digital human access interfaces in real applications including session connection management, system initialization, digital asset parsing, personalized customization, artificial intelligence (AI) capability invocation, body/facial driven interaction, rendering display and network transmission. This Recommendation can be used to guide relevant parties to implement and deploy digital human access systems in a standardized manner. A well-defined framework allows developers in the application layer to focus on creating user-facing features and use cases, while engineers working on the infrastructure layer can focus on optimizing and improving the underlying technologies.

History*

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Access interface, access interface framework, access interface requirement, digital human.

* To access the Recommendation, type the URL <https://handle.itu.int/> in the address field of your web browser, followed by the Recommendation's unique ID.

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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.

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