

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

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SERIES F: NON-TELEPHONE TELECOMMUNICATION
SERVICES

Multimedia services

Requirements for big data-enhanced visual surveillance services

Recommendation ITU-T F.743.7

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Recommendation ITU-T F.743.7

Requirements for big data-enhanced visual surveillance services

Summary

Recommendation ITU-T F.743.7 specifies requirements for visual surveillance enhanced by big data (VSBD) services. It promotes the value of visual surveillance services by using big data analytics method and tools. Massive video, event and sensing data are analysed to support enhanced visual surveillance services, including video retrieval, event detection and status prediction.

Recommendation ITU-T F.743.7 provides application scenarios, service requirements, functional requirements, performance and security requirements for VSBD services.

History

Edition	Recommendation	Approval	Study Group	Unique ID*
1.0	ITU-T F.743.7	2019-05-14	16	11.1002/1000/13897

Keywords

Big data, requirement, visual surveillance.

* 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/11.1002/1000/11830-en>.

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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.

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