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SERIES F: NON-TELEPHONE TELECOMMUNICATION SERVICES

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Requirements for edge computing in video surveillance

Recommendation ITU-T F.743.12

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Recommendation ITU-T F.743.12

Requirements for edge computing in video surveillance

Summary

Recommendation ITU-T F.743.12 defines the requirements for edge computing in video surveillance. Edge computing is a distributed computing paradigm aimed at providing various computing services at the edge of the network, and it brings computation and data storage closer to the data source or the location where it is needed, to improve response time and save bandwidth. By using the edge computing technology, the video surveillance system can perform intelligent video analysis and store data near the network premises units. And the edge computing platform provides the management capabilities of the edge resources and functional components to the video surveillance system. It can improve the video processing efficiency and quality of services and reduce the infrastructure cost of the video surveillance system. This Recommendation describes the application scenarios and requirements for edge computing in the video surveillance system.

History

Edition	Recommendation	Approval	Study Group	Unique ID*
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Keywords

Edge computing, requirements, scenarios, video 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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FOREWORD

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