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OF TELEVISION, SOUND PROGRAMME AND OTHER
MULTIMEDIA SIGNALS

Switched digital video over cable networks

Functional requirements for IP-based switched digital video using data over cable service interface specifications

Recommendation ITU-T J.1101



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Summary

Recommendation ITU-T J.1101 describes the functional requirements of IP-based switched digital video (SDV) using data over cable service interface specifications (DOCSIS) in a digital cable network. The cable broadcasting system has been changed to use resources efficiently and transmit them to easily accommodate the varying needs of subscribers. Therefore, it is necessary to define the functional requirements of IP-based SDV for maintaining quality of service (QoS) and using bandwidth effectively in a hybrid fibre/coaxial (HFC) network environment. This Recommendation contains descriptions of the functional requirements of transmission, subscriber and control functions of IP-based SDV on IP-based cable networks.

History

Edition	Recommendation	Approval	Study Group
1.0	ITU-T J.1101	2012-06-13	9

FOREWORD

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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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