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SERIES M: TMN AND NETWORK MAINTENANCE:
INTERNATIONAL TRANSMISSION SYSTEMS,
TELEPHONE CIRCUITS, TELEGRAPHY, FACSIMILE
AND LEASED CIRCUITS

International transport network

**International multi-operator paths, sections and
transmission systems fault detection and
localization procedures**

ITU-T Recommendation M.2120

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TMN AND NETWORK MAINTENANCE: INTERNATIONAL TRANSMISSION SYSTEMS, TELEPHONE CIRCUITS, TELEGRAPHY, FACSIMILE AND LEASED CIRCUITS

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ITU-T Recommendation M.2120

International multi-operator paths, sections and transmission systems fault detection and localization procedures

Summary

This Recommendation provides procedures for fault detection and localization with and without in-service monitoring for international multi-operator paths, sections, and transmission systems. Filtering and thresholding of performance information are described for reporting to the TMN. Returning into service and long-term trend analysis are considered. These procedures are applicable whatever the technology used.

Source

ITU-T Recommendation M.2120 was revised by ITU-T Study Group 4 (2001-2004) and approved under the WTSA Resolution 1 procedure on 14 July 2002.

Keywords

Fault detection, filtering, in-service monitoring, localization, long-term trend analysis, path, returning into service, section, thresholding, TMN, transmission system.

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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