

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

G.7710/Y.1701

Corrigendum 1
(11/2009)

SERIES G: TRANSMISSION SYSTEMS AND MEDIA,
DIGITAL SYSTEMS AND NETWORKS

Data over Transport – Generic aspects – Transport
network control aspects

SERIES Y: GLOBAL INFORMATION
INFRASTRUCTURE, INTERNET PROTOCOL ASPECTS
AND NEXT-GENERATION NETWORKS

Internet protocol aspects – Operation, administration and
maintenance

Common equipment management function
requirements

Corrigendum 1

Recommendation ITU-T G.7710/Y.1701 (2007) –
Corrigendum 1

ITU-T G-SERIES RECOMMENDATIONS
TRANSMISSION SYSTEMS AND MEDIA, DIGITAL SYSTEMS AND NETWORKS

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ACCESS NETWORKS	G.9000–G.9999

For further details, please refer to the list of ITU-T Recommendations.

Recommendation ITU-T G.7710/Y.1701

Common equipment management function requirements

Corrigendum 1

Summary

Corrigendum 1 to Recommendation ITU-T G.7710/Y.1701 identifies corrections to be made in Recommendation ITU-T G.7710/Y.1701 (2007), common equipment management function requirements.

History

Edition	Recommendation	Approval	Study Group
1.0	ITU-T G.7710/Y.1701	2001-11-29	15
2.0	ITU-T G.7710/Y.1701	2007-07-29	15
2.1	ITU-T G.7710/Y.1701 (2007) Cor.1	2009-11-13	15

FOREWORD

The International Telecommunication Union (ITU) is the United Nations specialized agency in the field of telecommunications, information and communication technologies (ICTs). The ITU Telecommunication Standardization Sector (ITU-T) is a permanent organ of ITU. ITU-T is responsible for studying technical, operating and tariff questions and issuing Recommendations on them with a view to standardizing telecommunications on a worldwide basis.

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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In this Recommendation, the expression "Administration" is used for conciseness to indicate both a telecommunication administration and a recognized operating agency.

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As of the date of approval of this Recommendation, ITU had not received notice of intellectual property, protected by patents, which may be required to implement this Recommendation. However, implementers are cautioned that this may not represent the latest information and are therefore strongly urged to consult the TSB patent database at <http://www.itu.int/ITU-T/ipr/>.

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Common equipment management function requirements

Corrigendum 1

1) Scope

This corrigendum corrects errors noted in Recommendation ITU-T G.7710/Y.1701.

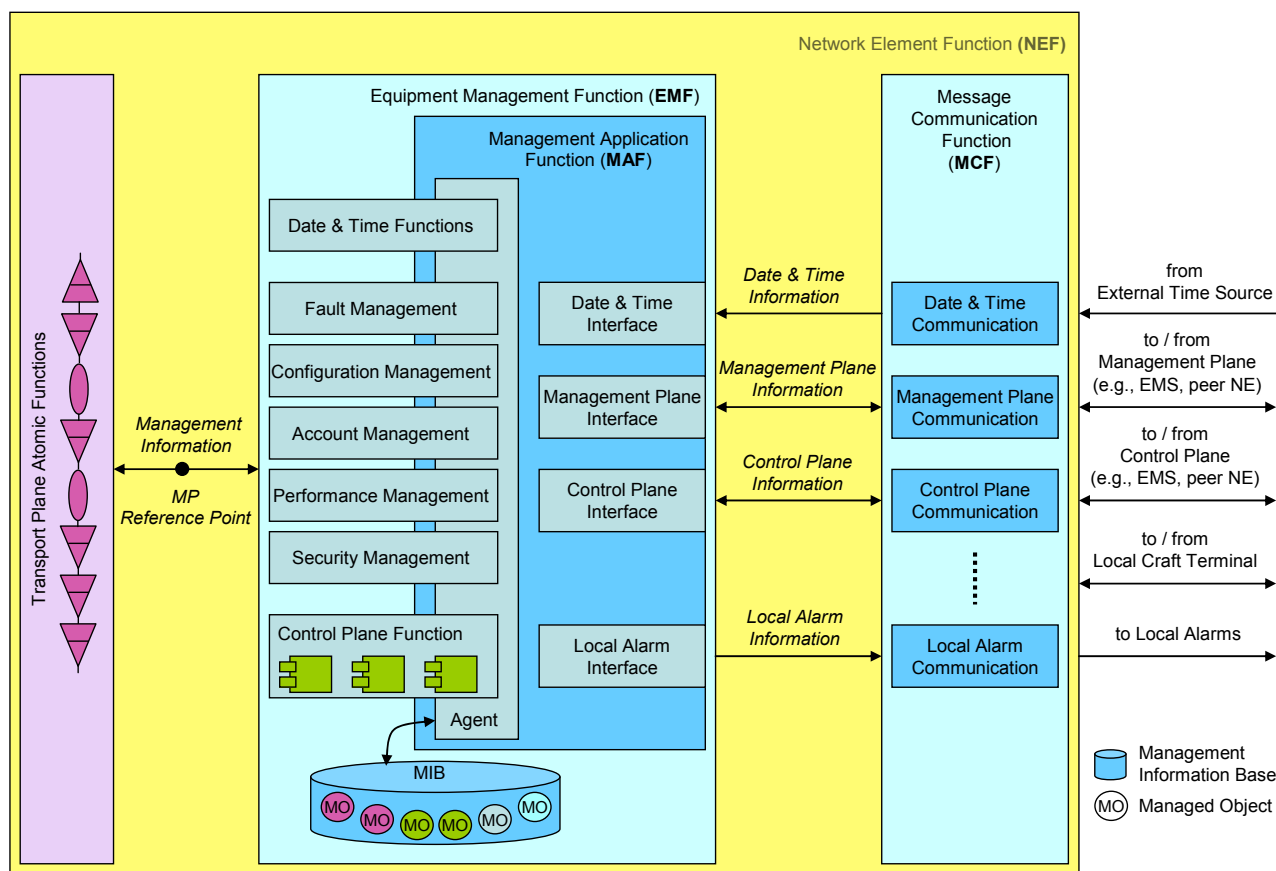
2) References

[ITU-T G.7710] Recommendation ITU-T G.7710/Y.1701 (2007), *Common equipment management function requirements*.

3) Changes to ITU-T G.7710

3.1) Changes to clause 6.2, Equipment management architecture

Replace Figure 5 (Equipment management function process block diagram) with the following figure:



3.2) Changes to clause 8.13.1, Date & Time applications

Update the first paragraph as shown below:

The ~~four~~ three identified applications related to Date & Time are the capability to time-stamp event reports (e.g., alarms), ~~the capability to align the local real time clock function to an external clock reference, and~~ the need for performance monitoring clock signals and the capability to schedule activities.

3.3) Changes to clause 8.13.2, Date & Time functions

Update the first paragraph as shown below:

There are ~~two~~ three Date & Time functions defined. The local real time clock (RTC) function is required for time-stamping and activity scheduling. The capabilities to align the local real time clock function to an external clock reference, which are essential to give proper support for the Date & Time applications. The performance monitoring clock (PMC) function, in addition to RTC, is typical for digital counter measurements.

ITU-T Y-SERIES RECOMMENDATIONS
GLOBAL INFORMATION INFRASTRUCTURE, INTERNET PROTOCOL ASPECTS AND NEXT-
GENERATION NETWORKS

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Network aspects	Y.300–Y.399
Interfaces and protocols	Y.400–Y.499
Numbering, addressing and naming	Y.500–Y.599
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Security	Y.700–Y.799
Performances	Y.800–Y.899

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Signalling	Y.1600–Y.1699

Operation, administration and maintenance	Y.1700–Y.1799
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IPTV over NGN	Y.1900–Y.1999

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Service aspects: Interoperability of services and networks in NGN	Y.2250–Y.2299
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For further details, please refer to the list of ITU-T Recommendations.

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