



INTERNATIONAL TELECOMMUNICATION UNION

CCITT

THE INTERNATIONAL
TELEGRAPH AND TELEPHONE
CONSULTATIVE COMMITTEE

F.423

(08/92)

MESSAGE HANDLING SERVICE

OPERATIONS AND DEFINITION OF SERVICE

**MESSAGE HANDLING SERVICES:
INTERCOMMUNICATION BETWEEN THE
INTERPERSONAL MESSAGING SERVICE
AND THE TELEFAX SERVICE**



Recommendation F.423

FOREWORD

The CCITT (the International Telegraph and Telephone Consultative Committee) is a permanent organ of the International Telecommunication Union (ITU). CCITT 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 Plenary Assembly of CCITT which meets every four years, establishes the topics for study and approves Recommendations prepared by its Study Groups. The approval of Recommendations by the members of CCITT between Plenary Assemblies is covered by the procedure laid down in CCITT Resolution No. 2 (Melbourne, 1988).

Recommendation F.423 was prepared by Study Group I and was approved under the Resolution No. 2 procedure on the 4th of August 1992.

CCITT NOTES

- 1) In this Recommendation, the expression "Administration" is used for conciseness to indicate both a telecommunication administration and a recognized private operating agency.
- 2) A list of abbreviations used in this Recommendation can be found in Annex B.

© ITU 1993

All rights reserved. No part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the ITU.

Recommendation F.423

**MESSAGE HANDLING SERVICES: INTERCOMMUNICATION
BETWEEN THE INTERPERSONAL MESSAGING SERVICE
AND THE TELEFAX SERVICE**

(1992)

The establishment in various countries of message handling services in association with public networks, creates the need to produce Recommendations covering the aspects of public message handling services.

TABLE OF CONTENTS

- 1 *Scope*
- 2 *Functional model*
- 3 *Service outline*
- 4 *Operational procedures*
- 5 *Quality of Service*

Annex A – Action to be taken by the PFAXAU

1 Scope

1.1 This Recommendation describes the service definition and general operational procedures for intercommunication between the public (Interpersonal Messaging) (IPM) service and the telefax services.

1.2 The intercommunication is based on store-and-forward principles and allows the users of one service to exchange messages with the users of the other service.

1.3 For facsimile users who are also registered as users of the IPM service, see Recommendation F.420.

2 Functional model

2.1 The IPM service is a messaging service which may be provided on a variety of networks and allows several forms of address, whereas the telefax services provide direct connection between user terminals in the public switched networks.

2.2 Therefore, to match the dissimilar characteristic of the services, it is necessary to provide intercommunication via a public facsimile access unit (PFAXAU). In both the IPM service to the telefax service, and the telefax service to the IPM service directions, the complete message is deposited in the PFAXAU for onward transmission.

2.3 The functional model for intercommunication described in this Recommendation is shown in Figure 1/F.423.