



# **The ATM Forum**

**Technical Committee**

**ATM-MPLS Network Interworking  
(N-to-one mode)  
Version 1.0  
af-aic-0196.000**

**October 2003**

## **ATM-MPLS Network Interworking (N-to-one mode)**

© 2003 The ATM Forum. All Rights Reserved. No part of this publication may be reproduced in any form or by any means.

The information in this publication is believed to be accurate as of its publication date. Such information is subject to change without notice and The ATM Forum is not responsible for any errors. The ATM Forum does not assume any responsibility to update or correct any information in this publication.

Notwithstanding anything to the contrary, neither The ATM Forum nor the publisher make representation or warranty, expressed or implied, concerning the completeness, accuracy, or applicability of any information contained in this publication. No liability of any kind shall be assumed by The ATM Forum or the publisher as a result of reliance upon any information contained in this publication.

The receipt or any use of this document or its contents does not in any way create by implication or otherwise:

- Any express or implied license or right to or under any ATM Forum member company's patent, copyright, trademark or trade secret rights which are or may be associated with the ideas, techniques, concepts or expressions contained herein; nor
- Any warranty or representation that any ATM Forum member companies will announce any product(s) and/or service(s) related thereto, or if such announcements are made, that such announced product(s) and/or service(s) embody any or all of the ideas, technologies, or concepts contained herein; nor
- Any form of relationship between any ATM Forum member companies and the recipient or user of this document.

Implementation or use of specific ATM standards or recommendations and ATM Forum specifications will be voluntary, and no company shall agree or be obliged to implement them by virtue of participation in The ATM Forum.

The ATM Forum is a non-profit international organization accelerating industry cooperation on ATM technology. The ATM Forum does not, expressly or otherwise, endorse or promote any specific products or services.

NOTE: The user's attention is called to the possibility that implementation of the ATM interoperability specification contained herein may require the use of an invention covered by patent rights held by ATM Forum member companies or others. By publication of this ATM interoperability specification, no position is taken by The ATM Forum with respect to validity of any patent claims or of any patent rights related thereto or the ability to obtain the license to use such rights. ATM Forum member companies agree to grant licenses under the relevant patents they own on reasonable and nondiscriminatory terms and conditions to applicants desiring to obtain such a license. For additional information contact the ATM Forum at the address published on the website <http://www.atmforum.com>.

## **ATM-MPLS Network Interworking (N-to-one mode)**

### **1 Scope**

This specification focuses on required functions for network interworking between ATM and MPLS, specifically the user plane interworking mechanisms and procedures for N-to-one mode for ATM cell transport.

This specification follows all requirements, procedures and methodology as specified in ITU-T Recommendation Y.1411 [1] for N-to-one mode with the exceptions as specified in section 2.

### **2 Exceptions to the ITU-T Recommendation Y.1411**

- The words “This Recommendation” should be replaced with “This specification”
- Any part which is solely and specifically related to “One-to-one mode”

### **3 References**

- [1] ITU-T Recommendation Y.1411 (2003): ATM-MPLS Network Interworking – Cell Mode User Plane Interworking

END OF SPECIFICATION