

# Open networks

When users create a network

Enric Peig Olivé

PID\_00164576



Universitat Oberta  
de Catalunya

[www.uoc.edu](http://www.uoc.edu)

**Enric Peig Olivé**

Enric is a Telecommunications Engineer from the Polytechnic University of Catalonia (UPC) and has a doctorate from the Pompeu Fabra University (UPF). He is currently a lecturer in the Department of Information and Communication Technologies at the Pompeu Fabra University, and he also teaches at the IT, Multimedia and Telecommunication Department of the Open University of Catalonia (UOC). His teaching interests are in the areas of computer networks, distributed applications and computer architectures. His current research is focused on information management systems in the biomedicine field.

First edition: May 2010  
© Enric Peig Olivé  
All rights are reserved  
© of this edition, FUOC, 2010  
Av. Tibidabo, 39-43, 08035 Barcelona  
Design: Manel Andreu  
Publishing: Eureka Media, SL

*Copyright © 2010, FUOC. Permission is granted to copy, distribute and/or modify this document under the terms of the GNU Free Documentation License, Version 1.2 or any later version published by the Free Software Foundation; with no Invariant Sections, no Front-Cover Texts, and no Back-Cover Texts. A copy of the license is included in the section entitled "GNU Free Documentation License"*

## Contents

Module 1

### **Open networks**

Enric Peig Olivé

1. Internet protocols: IP, TCP and applications
2. Open networks. When users create a network
3. Audio and video streaming
4. IP telephony

