

Globalism and Localism in Telecommunications

Edited by E.M. Noam and A.J. Wolfson

The telecommunications industry is being transformed by contradictory forces: on the one hand, the trend toward global expansion by carriers, and on the other hand, fragmentation and entry in local communications. These transformations represent two sides of the same issue: a blurring of market boundaries created through technical innovation, policy liberalization, user initiatives and entrepreneurialism. The result is a complex web of overlapping network definitions, product and service markets, carrier types, technical standards, government policies, financial arrangements, and cooperative ventures. This volume discusses the complexities of these bi-polar forces and maps out the policy issues which need to be addressed today and in the future.

Contents: Introduction: The End of Territoriality in Communications (E.M. Noam, A.J. Wolfson). **Dynamics of the New Local Communications Markets.** Competition and "local" communications: Innovation, entry and integration (G.L. Rosston, D.J. Teece). Changing corporate culture in the local competitive environment (J.E. Katz). Turning the cables: Economic and strategic analysis of cable entry into telecommunications (G.A. Woroch). A study of long-distance rates: Divestiture revisited (A.M. Noll). Can local telecommunications be self-policing? A proposed discovery procedure (J. Haring). **Universal Service: Creating Effective Policies for the Future.** Universal service: Realities and reforms (M.A. Einhorn). Reforming universal service: A prerequisite to competition and interconnection (E.M. Noam). Universal service: Policy options for the future (S.G. Hadden). Universal service: The rural challenge changing requirements and policy options (H.E. Hudson). Funding the public telecommunications infrastructure (B. Egan, S. Wildman). Trends in telephone penetration in the United States 1984-1994 (J.R. Schement, A. Belinfante, L. Povich). Universal service in Japan (K. Hayashi). **Communications Beyond Frontiers: Expansion of National Carriers Across Borders.** Telegeography and the explosion of place: Why the network that is bringing the world together is pulling it apart

(G.C. Staple). Megamedia: The growth of international media conglomerates (W.R. Neuman). The evolution of global networks: The precarious balance between governments and markets (J.D. Aronson).

Investment Drivers for Global Telecommunications.

Investment and structural trends in multinational services (R. Kramer, A. NiShúilleabháin).

Technological change and multinational growth in international telecommunications services

(C. Antonelli). Buying and banking on prospective returns in telecommunications (M.A. Salinger).

Policy Issues for the New Global Communications Environment.

New global network developments: Regulatory and trade challenges (K.E. Bernard).

Standards competition in wireless: Regionalism vs. globalism. The case of the third generation mobile communications systems (L. Sung).

After privatization: Neocolonialism? (J.-P. Chamoux).

Toward an international competition policy in global telecommunications (K.W. Grewlich). The globalism of public telecommunications operators - toward a new framework of telecommunications policy

(Y. Kurisaki). Reforming the international settlement system (A. Halprin). **Index.**

©1997 approx. 400 pages Hardbound

Price: NLG 225.00 (US\$140.75)

ISBN 0-444-82382-4

To order please write to:

Elsevier Science, Customer Support Department, Regional Sales Office
P.O. Box 211, 1000 AE Amsterdam, The Netherlands
Tel.: (+31) 20 485 3757; Fax: (+31) 20 485 3432; E-mail: nlinfo@elsevier.nl

The currencies as stated with this information are definitive. *Dutch Guilder (NLG)* prices apply to customers *within Europe and Japan* only. US Dollar (US\$) prices apply to all customers residing *outside Europe and Japan*. Prices are subject to change without prior notice. If you are a resident of the European Union you should either state your Value Added Tax (VAT) number or add the relevant VAT percentage applicable in your country to the total amount.



For full information on all Elsevier Science books please see our catalogue on the Internet:
<http://www.elsevier.nl> or <http://www.elsevier.com>

Private Networks Public Objectives

Edited by **E. Noam** and **A. NíShúilleabháin**

This volume aims to model and explain the reason for various networking arrangements - public, private, hybrid, group, intra-organizational, virtual etc. It also aims to project the evolution of the telecommunications network into a pluralistic federation of subnetworks. The volume analyzes the economics of private networks, and the technological options and network configurations available to providers both of public and private capacity. It examines the policy implications of use-privatization for social objectives traditionally incorporated in public networks, such as: technical compatibility; universal service; common carriage; privacy; consumer protection; service quality; urban/rural service similarity; and the ability to fashion national and international policies. Through its various contributors, this volume addresses the future of telecommunications and information systems, and the maintenance of traditional public objectives within the emerging network of networks.

Contents: Introduction, *E.M. Noam, A.M. NíShúilleabháin*. **Taxonomy: Defining the Network Environment**, *A.M. Rutkowski; T.P. McGarty*. **History and Recent Developments**, *D. Gabel; E.M. Noam; M. Mueller; P. Teske*. **The Economics of Private Networks**, *S. Braman; W. Lehr; G. Chichilnisky; S. Greenstein*. **Interoperability - Technical**, *M.B.H. Weiss; D.P. Reed*. **Interoperability - Economic and Legal**, *R. Mansell; D. Lehman, D.L. Weisman; M.I. Meyerson; A.S. Hammond, IV*. **Interoperability - Domestic and International Policy**, *R. Samarjiva; B. Kahin, B. McConnell; S.S. Wildman; A.M. Noll*. **International Studies - Towards the Future**, *A.M. NíShúilleabháin; K. Hayashi, R.E. Nohe; K. Zita; R.A. Kramer; E.M. Noam*. **Index**.

©1996 464 pages Hardbound Price: NLG 225.00 (US\$140.75) ISBN 0-444-82549-5

View our publications on the web:
<http://www.elsevier.nl> or <http://www.elsevier.com>

To order please write to your regular supplier or the Customer Support Department at the Regional Sales Office nearest you:

New York Elsevier Science P.O. Box 945 New York, NY 10159-0945 USA Tel: (+1) 212-633-3730 [Toll Free number for North American customers: 1-888-4ES-INFO (437-4636)] Fax: (+1) 212-633-3680; E-mail: usinfo-f@elsevier.com	Amsterdam Elsevier Science P.O. Box 211 1000 AE Amsterdam The Netherlands Tel: (+31) 20-485-3757 Fax: (+31) 20-485-3432 E-mail: nlinfo-f@elsevier.nl	Tokyo Elsevier Science 9-15, Higashi-Azabu 1-chome Minato-ku, Tokyo 106 Japan Tel: (+81) 3-5561-5033 Fax: (+81) 3-5561-5047 E-mail: info@elsevier.co.jp	Singapore Elsevier Science No. 1 Temasek Avenue #17-01 Millenia Tower Singapore 039192 Tel: (+65) 434-3727 Fax: (+65) 337-2230 E-mail: asiainfo@elsevier.com.sg
---	--	--	---

The currencies as stated with this information are definitive. **Dutch Guilder (NLG)** prices apply to customers **within Europe and Japan** only. **US Dollar (US\$)** prices apply to all customers residing **outside Europe and Japan**. Prices are subject to change without prior notice. If you are a resident of the European Union you should either state your Value Added Tax (VAT) number or add the relevant VAT percentage applicable in your country to the total amount.



The New Research Frontiers of Communications Policy

Edited by D. Lamberton

This timely volume provides a comprehensive view of the economic and social research frontiers of the telecommunications and information activities in the Information Age. New technologies and deregulation characterize this rapidly growing sector, which is gaining an increasingly international character. These changes are generating a wide range of local, regional and international policy issues. An international group drawn from research, industry and policy communities outline the important frontiers on which research efforts should focus. The book emphasizes the need for the implementation of such economic and social research.

Contents: Preface, *M. Haddad*. Research frontiers, *D. Lamberton*. The international economy: knowledge flows, and information activities, *H.-J. Engelbrecht*. Telecommunications demand, *J. Alleman, A. de Fontenay*. Comment, *G. Madden, D. Cracknell*. Localized knowledge, percolation processes and information networks, *C. Antonelli*. Comment, *R. Joseph, D. Cracknell*. Technological change, *G.M. Peter Swann*. Comment, *M. Jussawalla, D. Cracknell*. Market structures in telecommunications, *J. Nightingale*. Comment, *D. Lamberton*. Telecommunications and economic development, *R. Maddock*. Comment, *N. Holcer, D. Cracknell*. New developments in telecommunications regulation, *M. Cave*. Comment, *M.S. Snow, D. Cracknell*. Telecommunications regulation: an Australian perspective, *A.J. Shaw*. Social dimensions, *D. Allen*. Comment, *A. Moyal, R. Joseph*. Interdisciplinary research: history, *A. Moyal*. The contribution of information science to telecommunications research, *J. Kirk*. Telecommunications and management, *B. Martin*. Comment, *D. Lamberton*. Participants in the workshop. Supplementary references. Index.

©1996 286 pages Hardbound Price: NLG 200.00 (US\$125.00) ISBN 0-444-82251-8

View our publications on the web:
<http://www.elsevier.nl> or <http://www.elsevier.com>

To order please write to your regular supplier or the Customer Support Department at the Regional Sales Office nearest you:

New York
Elsevier Science
P.O. Box 945
New York, NY 10159-0945
USA
Tel: (+1) 212-633-3730
[Toll Free number for North
American customers:
1-888-4ES-INFO (437-4636)]
Fax: (+1) 212-633-3680; E-mail: usinfo-f@elsevier.com

Amsterdam
Elsevier Science
P.O. Box 211
1000 AE Amsterdam
The Netherlands
Tel: (+31) 20-485-3757
Fax: (+31) 20-485-3432
E-mail: nlinfo-f@elsevier.nl

Tokyo
Elsevier Science
9-15, Higashi-Azabu 1-chome
Minato-ku, Tokyo 106
Japan
Tel: (+81) 3-5561-5033
Fax: (+81) 3-5561-5047
E-mail: info@elsevier.co.jp

Singapore
Elsevier Science
No. 1 Temasek Avenue
#17-01 Millenia Tower
Singapore 039192
Tel: (+65) 434-3727
Fax: (+65) 337-2230
E-mail: asiainfo@elsevier.com.sg

The currencies as stated with this information are definitive. Dutch Guilder (NLG) prices apply to customers within Europe and Japan only. US Dollar (US\$) prices apply to all customers residing outside Europe and Japan. Prices are subject to change without prior notice. If you are a resident of the European Union you should either state your Value Added Tax (VAT) number or add the relevant VAT percentage applicable in your country to the total amount.

