MACMILLAN DICTIONARY OF

INFORMATION TECHNOLOGY

SECOND EDITION

DENNIS LONGLEY & MICHAEL SHAIN



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INFORMATION TECHNOLOGY

Second Edition

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Information technology (IT) has now emerged as a coherent discipline in its own right. It draws heavily upon computing, communications and microelectronics in the handling of information – whether it be graphics, voice, text or numbers. This new and expanded edition of the award-winning Dictionary of Information Technology contains over 100 diagrams and over 6000 entries involving all aspects of IT. Here are explained data processing (e.g. micro, mini and mainframe computers), communications (e.g. data networks, broadcasting, satellite systems), office systems (e.g. copiers, microcomputers, word processors), information systems (e.g. videotex, teletext, on-line database), plus microelectronics, graphics, printing and consumer electronics. For each entry it is made clear in which area they are used, distinguishing between meanings acquired in different contexts.

Dennis Longley is the head of the Department of Computing and Cybernetics at Brighton Polytechnic. Having previously worked in industry, he has published numerous reports and papers on aspects of computer control and has served on various national committees. He was formerly chairman of the CNAA (Council for National Academic Awards) Computing and Informatics Board and vice-chairman of the CNAA Committee for Science and Technology.

Michael Shain is a consultant on corporate data communications and an advisor to the National Computing Centre on software distribution. He previously controlled software licensing at British Telecom, where he also designed national communications networks. Together with Dennis Longley he has written The Microcomputer Users Handbook, Expanding and Networking Microcomputers and Understanding Microcomputers.

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