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Multimedia Services and their Constituent Media Components; 2.4.1 Media components; 2.4.2 Attributes of a multimedia connection; 2.4.3 Examples of multimedia services; 2.5 Interworking between Multimedia and Traditional Voice
2.6 Terminal Equipment and User Interfaces 2.7 The Future; 3 Call Processing; 3.1 The Beginnings of Call Processing; 3.2 Key Attributes of Call Processing Systems; 3.2.1 User and network interfaces; 3.2.2 Number translation and route selection; 3.2.3 User subscription data; 3.2.4 Resource and switch control; 3.2.5 Generation of call recording data; 3.3 Switch Architectures and Call Models; 3.3.1 Half call model; 3.3.2 Three segment model; 3.3.3 Multi-segment model; 3.3.4 Mobile switches; 3.3.5 Implementation of call models; 3.4 Switch-Based Services; 3.4.1 PSTN services; 3.4.2 ISDN services
3.4.3 Feature interaction 3.5 Call Processing for Intelligent Networks; 3.5.1 Triggering; 3.5.2 Service switching; 3.5.3 The IN and feature interaction; 3.5.4 The IN and mobility; 3.6 Softswitches; 3.6.1 Softswitch definition; 3.6.2 Capabilities; 3.6.3 Developments; 3.7 Future; 4 Advanced Intelligent Networks; 4.1 History of the Intelligent Network (IN/AIN); 4.2 Intelligent Network Architecture; 4.2.1 AIN and ITU-T IN architectures; 4.2.2 Differences between AIN (USA) and ITU-T (International) Intelligent Network architectures; 4.3 Components of IN Service Delivery
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5.3 Internet Telephony

Sommario/riassunto

This book provides the first overview of the service technologies available to telecoms operators working in a post-convergence world. Previous books have focused either on computer networks or on telecoms networks. This is the first to bring the two together and provide a single reference source for information that is currently only to be found in disparate journals, tool specifications and standards documents. In order to provide such broad coverage of the topic in a structured and logical fashion, the book is divided into 3 parts. The first part looks at the underlying network support
