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Nota di contenuto	Front Cover; Ensuring Digital Accessibility through Process and Policy; Copyright; Critical Acclaim for Ensuring Digital Accessibility through Process and Policy ; Contents; About the Authors; Preface; Chapter 1: Introduction to accessible technology; Introduction; Defining Accessible Technology; Various Types of Disabilities; Accessibility Helps Those Without Disabilities; Various Types of Technologies; Mobile Devices, Apps, and Accessibility; Accessibility in Desktop and Laptop Computers; How does Accessibility Work?; Accessibility in Kiosks and Voting Machines Accessible Technology vs. Augmentative Communication and Prosthetics Various Types of Policies; How Policies and Laws Can Lead to Improved Access to Digital Information; Summary; A Note About the Usage of Terms; References; Chapter 2: The history of access technology; Introduction; Early History of Assistive Technologies (through the 1960s); The Invention of the Typewriter; The Record Player and the Audiobook; TTYs for the Deaf and Hard of Hearing; The 1970s-Present; Optical Character Recognition, Synthetic Speech, and the Flatbed Scanner; Captioning; Speech Recognition Speech Recognition and Learning Disabled Students Screen Reader Technology; Assistive and Augmentative Communication; Power

Wheelchairs and Prosthetics; Current Events and Trends; How Accessible Technology has Crossed Over into the Mainstream; Understanding Why/How People with Disabilities Adopt Technology; How the Changes in Technology Over Time Must Influence Changes in Solutions; Summary; References; Chapter 3: The discriminatory impact of digital inaccessibility; Introduction; Separate But Equal in the Context of Disability; Same Time; Same Price; Same Content  
Same Time, Same Content, Same Price, And Now . . . Same Hardware and Software Summary; References; Chapter 4: Technical standards for accessibility; Accessibility Standards; The World Wide Web Consortium and the Web Accessibility Initiative; Web Accessibility Standards; The Web Content Accessibility Guidelines; Authoring Tool Accessibility Guidelines; Atag 2.0; User Agent Accessibility Guidelines; Relationship to the Web Content Accessibility Guidelines (WCAG) 2.0; Relationship to the Authoring Tool Accessibility Guidelines (ATAG) 2.0; Accessible Rich Internet Application; Epub  
Applying WCAG 2.0 to Non-Web Information and Communications Technologies Summary; References; Chapter 5: U.S. laws and lawsuits; Introduction; Applicability of American Laws to Technology Developers; The Pace of Change in the Development of Technology Affects the Design of Legal Definitions of Access; Federal Statutes that have an Impact on the Accessibility of Technology; Section 504 of the Rehabilitation Act and Title II of the ADA; Public Colleges: A Case Study in the Application of Title II and 504 to Change the Behavior of Tech and Digital Content Ven ...  
Title III of the ADA-Places of Public Accommodation

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Sommario/riassunto

Ensuring Digital Accessibility through Process and Policy provides readers with a must-have resource to digital accessibility from both a technical and policy perspective. Inaccessible digital interfaces and content often lead to forms of societal discrimination that may be illegal under various laws. This book is unique in that it provides a multi-disciplinary understanding of digital accessibility. The book discusses the history of accessible computing, an understanding of why digital accessibility is socially and legally important, and provides both technical details (interface standards,

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