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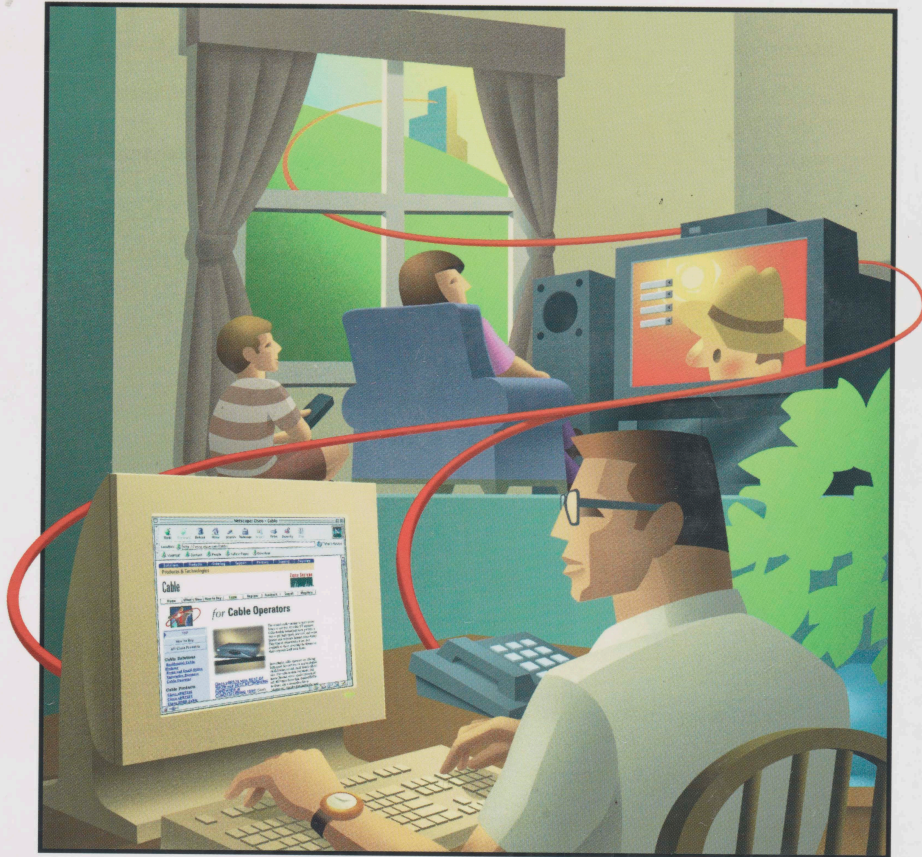
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**The path to cable compatibility and retail
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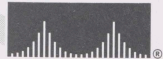


OpenCable™ Architecture

Michael Adams

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Michael Adams

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Foreword by Jim Chiddix,
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The OpenCable initiative is a revolution. Existing cable systems used for broadcast television are being called on to support a host of new applications and services which require upgrading those cable systems to high-speed, two-way communications networks. Consumers, industry analysts, and policy observers are asking: Where is digital TV headed? Will I be able to get it on cable? Is interactive TV for real? What new services will be offered? *OpenCable Architecture* is the first book to focus on this new technology, answering these questions and describing how the components of an OpenCable network interconnect.

Written by one of the primary architects of the OpenCable initiative, this book explains key concepts in practical terms. It describes the digital headend, optical transport, distribution hub, hybrid-fiber coax, and set-top terminal equipment and how these components are interconnected.

Whether you're a television, data communications, or telecommunications professional, or an interested layperson, *OpenCable Architecture* will help you understand the technical and business issues surrounding interactive television services. It will provide you with an inside look at the combined efforts of the cable, data, and consumer electronics industries to develop those new services.

Michael Adams is the principal network architect for Time Warner Cable, responsible for all aspects of networking in the Pegasus Digital Program. He has served as the co-chair of the JEC Digital Standards Sub-Committee and as chair of the Working Group 3 for the SCTE Digital Video Standards Committee. He is one of the primary architects of the OpenCable initiative, the co-author of the point-of-deployment module interface (OCI-C2) specification, and he is the primary author of the network interface (OCI-N) specification. He is a founding member of the OpenCable Technical Team.



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