Thomas Starr | John M. Cioffi | Peter J. Silverman

Understanding

Digital Subscriber Line Technology



- DSL technologies explained by the experts who created the standards
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The basic infrastructure for the global broadband network of the future is already in place in most homes and offices. Ordinary telephone lines can provide low-cost, high-volume access to the exploding world of telecommunications services that users increasingly rely on.

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Key standards are explained, including transmission line characteristics, data rates, modulation and coding methods, operations procedures, transconvergence layers, protocols, and network architectures.

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About the CD-ROM

The enclosed CD-ROM includes drafts of the XDSL standards, as well as the top papers presented at the T1E1.4 Standards Committee meetings between 1990 and 1998.

About the Authors

THOMAS STARR develops and manages new local access technologies for Ameritech. He also chairs ANSI's T1E1.4 working group, which develops XDSL standards for the United States. Mr. Starr also serves as a member of the Board of Directors of the ADSL Forum.

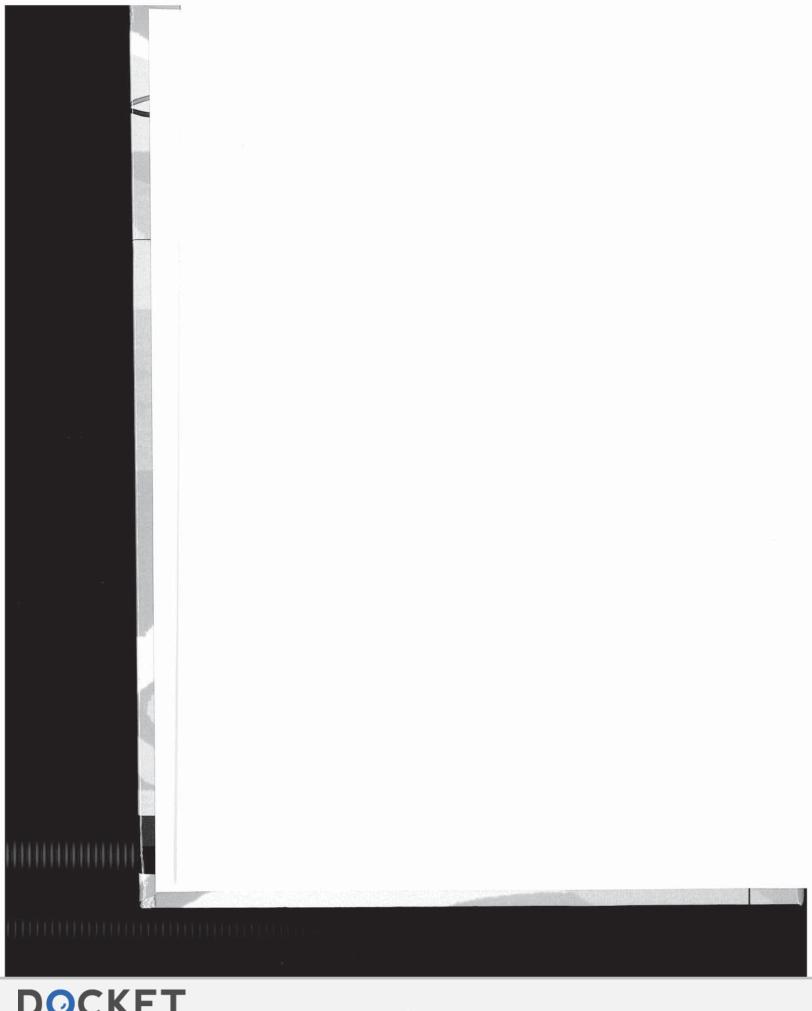
JOHN M. CIOFFI is the founder of Amati Inc., the company that wrote most of the ADSL standard. He is an associate professor of electrical engineering at Stanford University. He has been the editor for VDSL requirements development in the ANSI T1E1.4 group and holds the original patent on VDSL and many other patents in ADSL and VDSL.

PETER J. SILVERMAN is a Senior Architect at 3COM, responsible for planning the implementation, provisioning, and management of DSL services in a multi-vendor, multi-provider environment and a member of the T1E1.4 working group. Mr. Silverman is a contributor to the International Telecommunications Union development of XDSL

Recommendations.

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Understanding Digital Subscriber Line Technology





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