

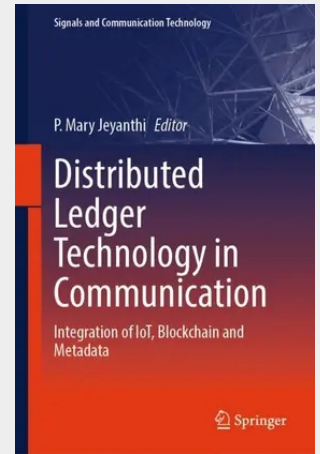
## Distributed Ledger Technology in Communication

Integration of IoT, Blockchain and Metadata

This book offers a comprehensive exploration of distributed ledger technology (DLT) in communication. The book first delves into the foundational principles of blockchain technology, unravelling its intricacies and explaining its relevance in the communication landscape. The book goes on to examine the evolution of DLT and addresses its practical implications, enabling readers to grasp the profound impact it has on communication infrastructure. Key topics covered include the integration of blockchain into communication networks, leveraging its decentralized nature to enhance security and privacy. The book explores the deployment of smart contracts to automate processes, while spotlighting critical issues such as privacy preservation and data protection in the blockchain era. The book presents a definitive guide that bridges the gap between theoretical understanding and real-world application, catering to professionals, researchers, and enthusiasts seeking to harness the transformative potential of blockchain technology within the realm of communication.

- Offers a comprehensive exploration of distributed ledger technology (DLT) in communication;
- Unveils blockchain's impact on communication, merging theory with hands-on implementation;
- Demonstrates the integration of blockchain into communication networks and the deployment of smart contracts.

This book offers a comprehensive exploration of distributed ledger technology (DLT) in communication. The book first delves into the foundational principles of blockchain technology, unravelling its intricacies and explaining its relevance in the communication landscape. The book goes on to examine the evolution of DLT and addresses its practical implications, enabling readers to grasp the profound impact it has on communication infrastructure. Key topics covered include the integration of blockchain into communication networks, leveraging its decentralized nature to enhance security and privacy. The book explores the deployment of smart contracts to automate processes, while spotlighting critical issues such as privacy preservation and data protection in the blockchain era. The book presents a definitive guide that bridges the gap between theoretical understanding and real-world application, catering to professionals, researchers, and enthusiasts seeking to harness the transformative potential of blockchain technology within the realm of communication.- Offers a comprehensive exploration of distributed ledger technology (DLT) in communication;- Unveils blockchain's impact on communication, merging theory with hands-on implementation;- Demonstrates the integration of blockchain into communication networks and the deployment of smart contracts.



**128,39 €**

119,99 € (zzgl. MwSt.)

*Lieferfrist: bis zu 10 Tage*

**Artikelnummer:** 9783032076816

**Medium:** Buch

**ISBN:** 978-3-032-07681-6

**Verlag:** Springer

**Erscheinungstermin:** 14.01.2026

**Sprache(n):** Englisch

**Auflage:** Erscheinungsjahr 2026

**Serie:** Signals and Communication Technology

**Produktform:** Gebunden

**Gewicht:** 499 g

**Seiten:** 180

**Format (B x H):** 160 x 241 mm

