Aeronautical Telecommunications Network: Advances, Challenges, and Modeling (Paperback)

By -

Taylor Francis Ltd, United Kingdom, 2017. Paperback. Condition: New. Reprint. Language: English . Brand New Book. Addresses the Challenges of Modern-Day Air Traffic Air traffic control (ATC) directs aircraft in the sky and on the ground to safety, while the Aeronautical Telecommunications Network (ATN) comprises all systems and phases that assist in aircraft departure and landing. The Aeronautical Telecommunications Network: Advances, Challenges, and Modeling focuses on the development of ATN and examines the role of the various systems that link aircraft with the ground. The book places special emphasis on ATC-introducing the modern ATC system from the perspective of the user and the developer-and provides a thorough understanding of the operating mechanism of the ATC system. It discusses the evolution of ATC, explaining its structure and how it works; includes design examples; and describes all subsystems of the ATC system. In addition, the book covers relevant tools, techniques, protocols, and architectures in ATN, including MIPv6, air traffic control (ATC), security of air traffic management (ATM), very-high-frequency (VHF) digital link (VDL), aeronautical radio and satellite communications, electromagnetic interference to aeronautical telecommunications, quality of service (QoS)-satisfied ATN routing mechanism speed dynamic environments, and service-oriented architecture (SOA)-based ATN transmission control algorithm. It also...

READ ONLINE
[8.88 MB]

Reviews

Basically no words to describe. It is filled with knowledge and wisdom I am just pleased to let you know that this is actually the greatest publication i have read within my individual lifestyle and may be he best publication for at any time.
-- Prof. Ron Gaylord II

This publication is great. It really is packed with knowledge and wisdom Your daily life period will probably be transform when you complete reading this article book.
-- Wilford Metz