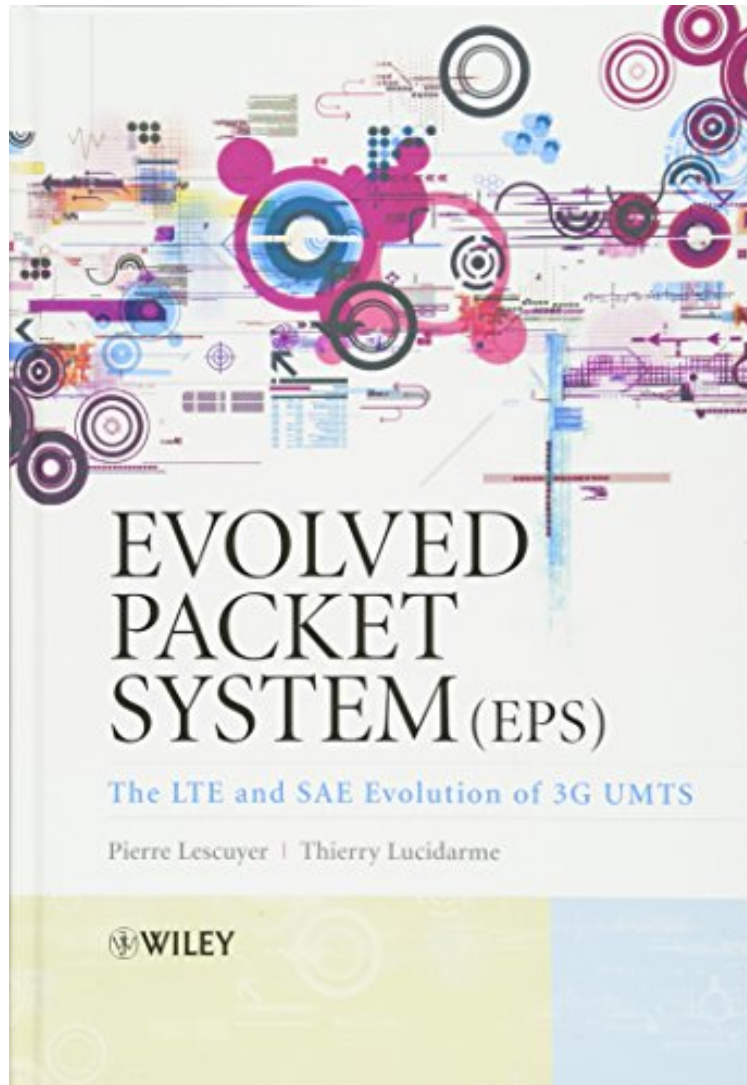


[Download pdf ebook] Evolved Packet System (EPS): The LTE and SAE Evolution of 3G UMTS

# Evolved Packet System (EPS): The LTE and SAE Evolution of 3G UMTS

*Pierre Lescuyer, Thierry Lucidarme*  
audiobook / \*ebooks / Download PDF / ePub / DOC



#3358162 in Books 2008-02-11 Original language: English PDF # 1 9.90 x .90 x 6.80l, 1.65 #File Name: 0470059761350 pages | File size: 41.Mb

**Pierre Lescuyer, Thierry Lucidarme : Evolved Packet System (EPS): The LTE and SAE Evolution of 3G UMTS** before purchasing it in order to gage whether or not it would be worth my time, and all praised Evolved Packet System (EPS): The LTE and SAE Evolution of 3G UMTS:

1 of 1 people found the following review helpful. Good for learning about system architecture By R. Parthasarathy This book was one of the earliest books on LTE, the new cellular wireless standard that is expected to be commonplace in the next few years. This book is very good for people interested in learning about LTE from a systems architecture

standpoint. It covers the EPS and SAE aspects of the system. It explains about the evolved packet core which is integral to the LTE system and also the newer and simpler network elements that constitute the overall LTE ecosystem. For those interested in obtaining a deeper understanding of the protocol changes and such, I would recommend the following book by Erik Dahlman titled 3G Evolution, Second Edition: HSPA and LTE for Mobile Broadband.[...]0 of 0 people found the following review helpful. LTE 101By HRThe title says it all. This book will get you started, but will not get you to the aha moments.

2G/GSM and 3G/UMTS are key mobile communication technologies, chosen by more than 2 billion people around the world. In order to adapt to new services, increasing demand for user bandwidth, quality of service and requirements for network convergence, major evolutions are introduced in 3G network standard. Evolved Packet System (EPS) presents the EPS evolution of the 3G/UMTS standard introduced by the 3rd Generation Partnership Project (3GPP) standard committee. This new topic is looked at from a system perspective, from the radio interface to network and service architecture. Hundreds of documents being issued by Standard organisations are summarised in one book to allow the reader to get an accessible comprehensive view of EPS evolution. Proposes a system view of Evolved UMTS, from the radio to Core and service architecture Gives a comprehensive and global view of the system that technical specifications do not provide Describes the new system as well as the inheritance and migration from 2G/GSM and 3G/UMTS Written by experts in the field who specialise in two complementary but very different technical domains (i.e. "radio interface" and "network architecture") Contains many figures and examples for better understanding. This book is essential for industry professionals in the telecommunication business, telecommunication system architects and designers, product manufacturers and operators and postgraduate students.

"The book is essential for industry professionals in the telecommunication business and telecommunication systems postgraduate students." (Computing s, June 6, 2008) "...this is one of the best GSM texts that weve read, and an excellent engineers introduction to EPS." (IPL Telecasting, February 2008)From the Back Cover2G/GSM and 3G/UMTS are key mobile communication technologies, chosen by more than 2 billion people around the world. In order to adapt to new services, increasing demand for user bandwidth, quality of service and requirements for network convergence, major evolutions are introduced in 3G network standard. Evolved Packet System (EPS) presents the EPS evolution of the 3G/UMTS standard introduced by the 3rd Generation Partnership Project (3GPP) standard committee. This new topic is looked at from a system perspective, from the radio interface to network and service architecture. Hundreds of documents being issued by Standard organisations are summarised in one book to allow the reader to get an accessible comprehensive view of EPS evolution. Proposes a system view of Evolved UMTS, from the radio to Core and service architecture Gives a comprehensive and global view of the system that technical specifications do not provide Describes the new system as well as the inheritance and migration from 2G/GSM and 3G/UMTS Written by experts in the field who specialise in two complementary but very different technical domains (i.e. "radio interface" and "network architecture") Contains many figures and examples for better understanding. This book is essential for industry professionals in the telecommunication business, telecommunication system architects and designers, product manufacturers and operators and postgraduate students.About the AuthorPierre Lescuyer Currently working as a UMTS System Architect in the Strategic Evolutions department of Nortel, France. For more than 10 years he has worked in different RD positions, from system and architecture design to participation in 3GPP and ETSI standard committees. He has produced material written in English, mainly about GSM, GSM-R (the Railway declination of GSM) and UMTS features or system general description or specification. Most of these being intended for internal use or external distribution to Nortel customers. Thierry Lucidarne also working as a UMTS System Architect in the Strategic Evolutions department of Nortel, France.