Wireless Network Evolution: 2G To 3G

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Synopsis
This text focuses on wireless data communications and how the third-generation (3G) systems will enhance wireless communications. It is a study into the evolution of CDMA from 2G to 3G. It seeks to help those implementing 2G to migrate to 3G.

Book Information
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Customer Reviews
It's a very good book, it presents 3g concepts as well as other wireless networks. It has some practical examples, which makes complex concepts more clear. For a deep explanation of CDMA concepts and mathematics, you would need another book, but with this one you can get a more practical approach to CDMA. After reading this book, you would have a very precise idea of what is next in telecommunication. I think is a good book, though, is highly recommendable to also get UMTS and CDMA2000 specification, they are available for free.

What would you expect from a book titled "2G to 3G"? GPRS and EDGE right? However this book pays little attention on these technologies and barely mention them in a few pages. I would expect more GPRS and EDGE from a 800 paged book. It is still good book to keep as a reference though, since it covers broad range of wireless technologies in some detail.

Like the author’s other books, this one's emphasis is on the radio access network. The evolution of
2G to 3G dealt with here is specifically that for CDMA-based systems, since one-third of the book is concerned with the IS-95 standard. The next third has condensed but useful descriptions of the WCDMA and cdma2000 standards, and the final one is a hodgepodge of WLL, WLAN, WAP, Bluetooth, and radio planning and management. All in all, this book reads like a compilation of some of the author's previous ones, albeit with the inclusion of new material, and should be helpful for those who want everything in one volume instead of two or three. Definitely not entry level.

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