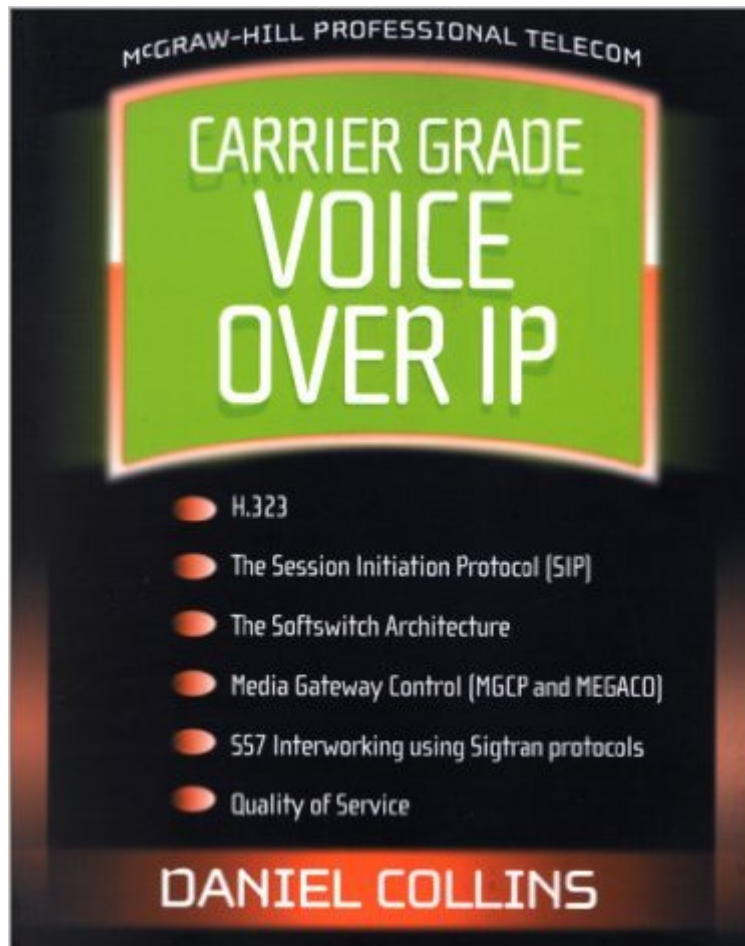


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# Carrier Grade Voice Over IP



## Synopsis

-- A must-have, practical primer on true "carrier class" VoIP -- how to use cutting-edge signaling schemes, quality of service (QoS) techniques, and existing protocols to deliver MaBell-quality service-- This is where telecom managers, engineers, and network managers can go for an easy-to-grasp explanation of TIPHON -- the solution to problems with H.323 and IETF specs -- to ensure reliability of signaling over IP-- Delves into resource reservation schemes that can provide very high QoS

## Book Information

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Average Customer Review: 5.0 out of 5 stars [See all reviews](#) (7 customer reviews)

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## Customer Reviews

Great book on VoIP, still emerging technology. It did a great job in explaining concepts related to QoS such as RSVP, DiffServ and MPLS. Right from basics such as IP, UDP, TCP and various coding techniques you will find great explanation to each and every item. If you are interested in knowing about VoIP or you if u wanna work on VoIP this is the ONLY book you need. There is very detailed and neat explanation related to MGCP, MEGACO, SS7 and SIP too. The only thing that i felt lacking is testing of voice quality both subjective and objective and how they could be done. No doubt in giving 5 \*s to it, great job!

Aimed specifically at designers of public telecommunications networks, this easy to read book provides practical and useful hands-on information. Where necessary, topics are covered in great

detail. For example, 120 pages are dedicated to H.323. Softswitch architecture and programming are covered, and 55 pages are devoted to discussing Quality of Service issues. We believe this book to be an essential read, and recommend it highly.

Daniel Collins has done a great job of explaining the latest VoIP technology. He uses a lot of call flow diagrams, which I find particularly useful in understanding how the various protocols work. In addition, his writing style is very clear, such that he makes it easy to understand what he is talking about. Not only does he address the most recent developments in the technology (eg. SIP, MGCP, MEGACO), he also does a good job of explaining how these technologies can fit with what is already in place (eg. H323 as well as traditional networks). In this regard, the chapter concerning SS7 is useful, although some focus on TALI as well as Sigtran would have been beneficial. - Overall, a good book that I would recommend to anyone who wants to understand VoIP.

Daniel Collins has written a terrific reference for anyone interested in understanding Voice Over IP. From the very start of the book, it is clear that Collins has the ability to address key areas of interest for technical readers, planners, and executives. Readers with a technical interest should be very comfortable using this book as their reference for all key issues and questions related to the emerging opportunity of VOIP. Congratulations to Mr. Collins for his eloquent and well organized description of VOIP for anyone trying to understand and/or exploit this emerging communications opportunity.

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