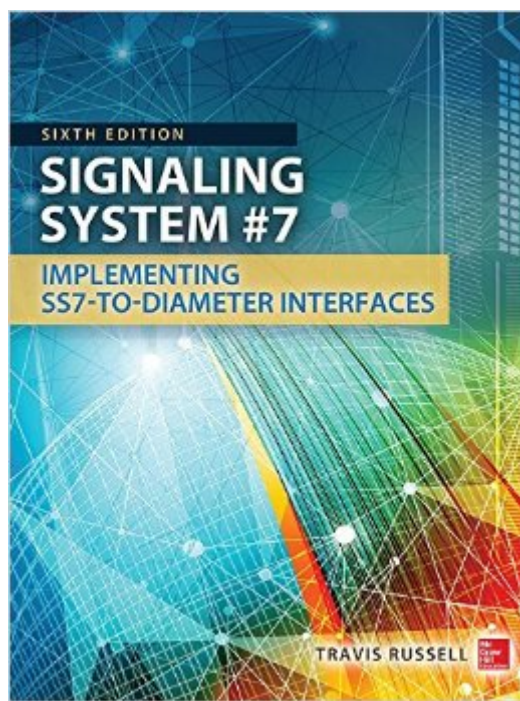


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# Signaling System #7, Sixth Edition



## Synopsis

THE MOST COMPLETE, CURRENT GUIDE TO SIGNALING SYSTEM #7 (SS7) Thoroughly updated to cover the latest advances in the telecommunications industry, Signaling System # 7, Sixth Edition, addresses the impact of emerging technologies and applications, such as Long Term Evolution (LTE) and 4G networks, on SS7. An all-new chapter on Diameter discusses how to successfully implement SS7-to-Diameter interfaces to bridge 3G and 4G networks. Real-world examples, protocol message details, call flows, and effective migration strategies are included in this practical guide. Comprehensive coverage includes: The SS7 network--international and national planes The OSI model SS7 protocols and the protocol stack Signal units Message Transfer Part (MTP), including level 3 Signaling Transport (SIGTRAN) ISDN User Part (ISUP) Signaling Connection Control Part (SCCP) Transaction Capabilities Application Part (TCAP) The evolution to Diameter

## Book Information

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## Customer Reviews

The book has some editorial issues, but it's still an exhaustive and comprehensive book on the subject of SS7. The editorial issues appear to be sections that need updating. For instance, portions of the first chapter are very dated, and no longer apply in 2014. For instance, on page 33, the author writes about "PCS" as if it were still the late 1990s. Carriers have now started using their PCS 1900 MHz spectrum for LTE. Also, on page 28, the author writes, "...[there] are many obstacles to

supporting Internet access on wireless phones. The bandwidth required to support Web access is not yet available in North America (although Japan and many other countries are already enjoying this level of access)." This was the case as recently as several years ago when we had feature phones with WAP browsers, but no longer applies in 2014 when we have 100 Mbps LTE networks and smart phones and tablets with fully-functional browsers like Chrome and Safari. If you want to learn SS7, and you're willing to overlook some issues with dated content, then this is still a good book.

This is the bible of SS7....written by one of its fathers!

Great update to the book with coverage of Diameter

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