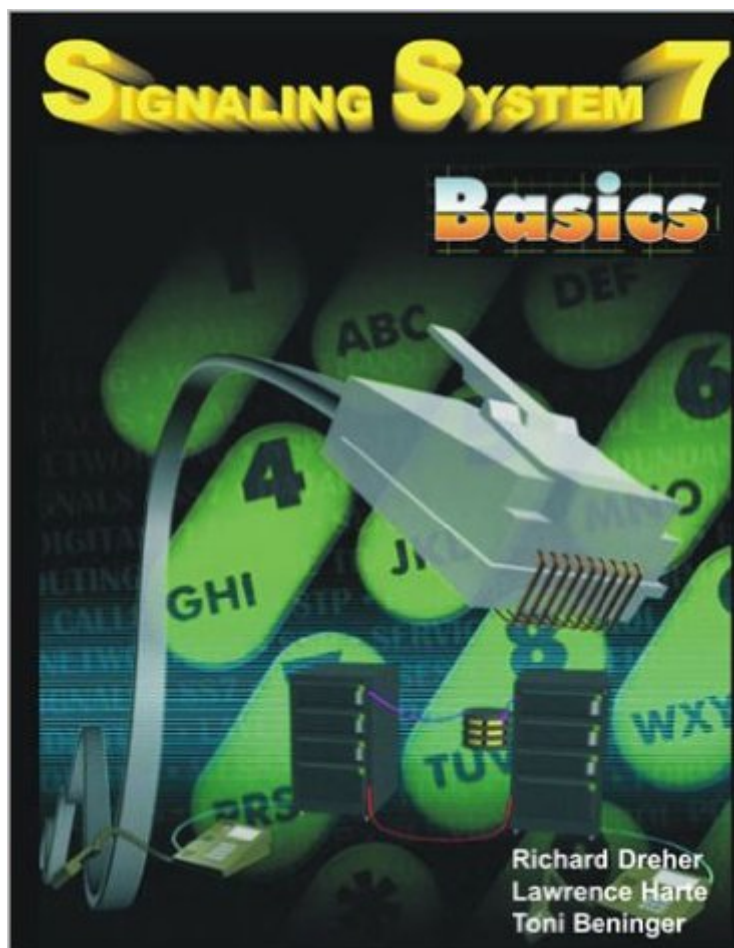# Signaling System 7 Basics (2nd Edition)

## Synopsis

This introductory book explains the operation of the signaling system 7 (SS7) system and how it controls and interacts with other telephone networks. SS7 is the standard communication system that is used to control public telephone networks. In addition to voice control, SS7 technology now offers advanced intelligent network features and it has recently been updated to include broadband control capabilities, local number portability, and mobile communication services. SS7 networks are now interconnecting with and operating on Internet data networks.  This book will help the reader gain an understanding of SS7 technology, network equipment, and overall operation. It covers the reasons why SS7 exists and is necessary, as well as step-by-step procedures that describe the actions that occur in the network. SS7 Basics, 2nd Edition is for the technical and the non-technical reader alike.  SS7 network architecture including SSP, SCP, and STP operations.  Call processing control (ISUP) and broadband telephony applications (BISUP).  Mobile application part (MAP). Transaction capabilities part (TCAP).  Operations, Maintenance and Administration (OMAP).  SS7 interaction with voice over data networks including SIP, MGCP, MEGACO and H.323.  Transporting SS7 messages over IP networks using SIGTRAN and SCTP.  Number portability including local portability (LNP), service portability, and geographic portability.  Intelligent Network (IN) and SS7. International SS7 systems.

## Book Information

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## Customer Reviews

I think this is a great book for those engeneers that are geting started in the world of telephony. It

realy gives you a strong base for understanding the next generation on this arena.

I am interesting in SS7, but i do not know what's SS7, so I want to review it in . thanks! I think it will be better for me.

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