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Descrizione fisica	1 online resource (1089 p.)
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Soggetti	Smart cards Smart card industry
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Smart Card Handbook; Contents; Preface to the Fourth Edition; Symbols and Notation; Abbreviations; 1 Introduction; 2 Card Types; 3 Physical Properties; 4 Electrical Properties; 5 Smart Card Microcontrollers; 6 Information Technology Foundations; 7 Security Foundations; 8 Communication with Smart Cards; 9 Data Transmission with Contact Cards; 10 Contactless Data Transmission; 11 Smart Card Commands; 12 Smart Card File Management; 13 Smart Card Operating Systems; 14 Smart Card Production; 15 Quality Assurance; 16 Smart Card Security; 17 Smart Card Terminals; 18 Smart Cards in Payment Systems 19 Smart Cards in Telecommunication Systems20 Smart Cards in Health Care Systems; 21 Smart Cards in Transportation Systems; 22 Smart Cards for Identification and Passports; 23 Smart Cards for IT Security; 24 Application Design; 25 Appendix; Index
Sommario/riassunto	The most comprehensive book on state-of-the-art smart card technology available Updated with new international standards and specifications, this essential fourth edition now covers all aspects of smart card in a completely revised structure. Its enlarged coverage now includes smart cards for passports and ID cards, health care cards, smart cards for public transport, and Java Card 3.0. New sub-chapters cover near field communication (NFC), single wire protocol (SWP), and

multi megabyte smart cards (microcontroller with NAND-Flash). There are also extensive revisions to chap
