

An Excellent Addition to Your Library!

Released: June 2014

Cloud Computing Applications for Quality Health Care Delivery

Premier Reference Source

Cloud Computing Applications for Quality Health Care Delivery

Anastasios Moumtzoglou and Anastasia Kastania



Part of the Advances in Healthcare Information Systems and Administration Book Series

Anastasios Moumtzoglou (Hellenic Society for Quality and Safety in Healthcare, Greece & P. & A. Kyriakou Children's Hospital, Greece) and Anastasia N. Kastania (Athens University of Economics and Business, Greece)

Software applications once held on local computers and servers are beginning to shift to the public Internet sphere, and private health information is no exception. The likelihood of placing once restricted and private health records "in the cloud" is increasing.

Cloud Computing Applications for Quality Health Care Delivery focuses on cloud technologies that could affect quality in the healthcare field. Leading experts in this area offer their knowledge and contribute to the demystification of healthcare in the Cloud. This publication will prove to be a useful tool for undergraduate and graduate students of healthcare quality and management, healthcare managers, and industry professionals.

Topics Covered:

- Adoption of Cloud Services
- Benefits and Drawbacks
- Cloud Perspective for HIPAA and HITECH
- Cloud Technologies
- Cloud-Based Systems
- Definition, Features, and Types of Cloud Services
- Healthcare Cloud Computing
- Web Services

ISBN: 9781466661189; © 2014; 337 pp.

Print: US \$245.00 | Perpetual: US \$370.00 | Print + Perpetual: US \$490.00

Market: This premier publication is essential for all academic and research library reference collections. It is a crucial tool for academicians, researchers, and practitioners. Ideal for classroom use.



www.igi-global.com

Publishing Academic Excellence
at the Pace of Technology Since 1988

<p>Chapter 1 <i>A Survey on Research Initiatives for Healthcare Clouds</i> Rahul Ghosh (IBM, USA) Ioannis Papapanagiotou (Purdue University, USA) Keerthana Bolor (IBM TJ Watson Research Center, USA)</p> <p>Chapter 2 <i>Not Just Meaningful Data but Coordinated Data!</i> Vahé A. Kazandjian (Johns Hopkins University, USA)</p> <p>Chapter 3 <i>Big Data in Healthcare</i> Yiannis Koumpouros (Technological Educational Institute of Athens, Greece)</p> <p>Chapter 4 <i>Wiki-Health:</i> Yang Li (Imperial College London, UK) Chao Wu (Imperial College London, UK) Li Guo (University of Central Lancashire, UK) Chun-Hsiang Lee (Imperial College London, UK) Yike Guo (Imperial College London, UK)</p> <p>Chapter 5 <i>Interoperability in Healthcare</i> Luciana Cardoso (Minho University, Portugal) Fernando Marins (Minho University, Portugal) César Quintas (Centro Hospitalar do Porto, Portugal) Filipe Portela (Minho University, Portugal) Manuel Santos (Minho University, Portugal) António Abelha (Minho University, Portugal) José Machado (Minho University, Portugal)</p> <p>Chapter 6 <i>Efficient Healthcare Integrity Assurance in the Cloud with Incremental Cryptography and Trusted Computing</i> Wassim Itani (Beirut Arab University, Lebanon) Ayman Kayssi (American University of Beirut, Lebanon) Ali Chehab (American University of Beirut, Lebanon)</p> <p>Chapter 7 <i>Auditing Privacy for Cloud-Based EHR Systems</i> Jonathan Sinclair (RepKnight Ltd., UK) Benoit Hudzia (Stratoscale Ltd., UK) Alan Stewart (Queen's University Belfast, UK)</p>	<p>Chapter 8 <i>Sharing Medical Information by Means of Using Intelligent Agents and Cloud Computing</i> Mauricio Paletta (Universidad Nacional Experimental de Guayana (UNEG), Venezuela)</p> <p>Chapter 9 <i>Cloud Computing Location-Based Services for Quality Health Care Services Delivery</i> Jalel Akaichi (ISG-University of Tunis, Tunisia)</p> <p>Chapter 10 <i>Message-Oriented Middleware on the Cloud for Exchanging E-Health Data</i> Piero Giacomelli (Spac SPA, Italy)</p> <p>Chapter 11 <i>CoSeMed:</i> Andreas Kliem (Technische Universität Berlin, Germany)</p> <p>Chapter 12 <i>Cloud Computing for BioLabs</i> Abraham Pouliakis (University of Athens, Greece) Aris Spathis (University of Athens, Greece) Christine Kottaridi (University of Athens, Greece) Antonia Mourtzikou (University of Athens, Greece) Marilena Stamouli (Naval and Veterans Hospital, Greece) Stavros Archondakis (401 General Army Hospital, Greece) Efrossyni Karakitsou (National Technical University of Athens, Greece) Petros Karakitsos (University of Athens, Greece)</p> <p>Chapter 13 <i>Cloud Computing for Cytopathologists</i> Abraham Pouliakis (University of Athens, Greece) Stavros Archondakis (401 Military Hospital, Greece) Efrossyni Karakitsou (National Technical University of Athens, Greece) Petros Karakitsos (University of Athens, Greece)</p> <p>Chapter 14 <i>A Case Study of the Health Cloud</i> Roma Chauhan (IILM Graduate School of Management, India)</p> <p>Chapter 15 <i>Demystifying Quality of Healthcare in the Cloud</i> Anastasios Mourtzoglou (Hellenic Society for Quality and Safety in Healthcare, Greece & P. & A. Kyriakou Children's Hospital, Greece)</p>
---	--

Order Your Copy Today!

Name: _____

Organization: _____

Address: _____

City, State, Zip: _____

Country: _____

Tel: _____

Fax: _____

E-mail: _____

Enclosed is check payable to IGI Global in
US Dollars, drawn on a US-based bank

Credit Card Mastercard Visa Am. Express

3 or 4 Digit Security Code: _____

Name on Card: _____

Account #: _____

Expiration Date: _____