

(Ebook free) Wi-Fi Enabled Healthcare

## Wi-Fi Enabled Healthcare

*Ali Youssef, Douglas McDonald II, Jon Linton, Bob Zemke, Aaron Earle*  
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**Ali Youssef, Douglas McDonald II, Jon Linton, Bob Zemke, Aaron Earle : Wi-Fi Enabled Healthcare** before purchasing it in order to gage whether or not it would be worth my time, and all praised Wi-Fi Enabled Healthcare:

1 of 1 people found the following review helpful. Enabling Healthcare IT ProfessionalsBy Shaun NealAs a wireless consultant, I am constantly searching for quality reads for myself and for my customers. Wi-Fi Enabled Healthcare is one of the few books that is perfect for my healthcare customers and educational for me. Ali and team have done an

outstanding job distilling vast amounts of information into something easily digestible that relates to healthcare technologists. One of the standout items for me is the clear guidance that this book offers to IT or Clinical Engineering teams as they deal with vendors or just manage a network day to day. If you interface with wireless networks in a healthcare setting, you owe it to yourself to give this book a read. 1 of 1 people found the following review helpful. Great read and a must have. By Customer Really great read. For those that want to get up to speed on all of the issues related to RFID, Wi-Fi, and the state of technology and your network, this is a must read. I liked the fact that it's written such that you don't need to be an engineer to understand it. For IT professionals, it educates and orients to the medical device issues you need to be aware of. For biomedical professionals, it educates and orients to the IT issues. Very well written! 1 of 1 people found the following review helpful. Answered a lot of questions. By C.J. We do healthcare in hospitals, assisted living facilities, etc. This book provided insight into real world issues and actual cases.

Focusing on its recent proliferation in hospital systems, *Wi-Fi Enabled Healthcare* explains how Wi-Fi is transforming clinical work flows and infusing new life into the types of mobile devices being implemented in hospitals. Drawing on first-hand experiences from one of the largest healthcare systems in the United States, it covers the key areas associated with wireless network design, security, and support. Reporting on cutting-edge developments and emerging standards in Wi-Fi technologies, the book explores security implications for each device type. It covers real-time location services and emerging trends in cloud-based wireless architecture. It also outlines several options and design consideration for employee wireless coverage, voice over wireless (including smart phones), mobile medical devices, and wireless guest services. This book presents authoritative insight into the challenges that exist in adding Wi-Fi within a healthcare setting. It explores several solutions in each space along with design considerations and pros and cons. It also supplies an in-depth look at voice over wireless, mobile medical devices, and wireless guest services. The authors provide readers with the technical knowhow required to ensure their systems provide the reliable, end-to-end communications necessary to surmount today's challenges and capitalize on new opportunities. The shared experience and lessons learned provide essential guidance for large and small healthcare organizations in the United States and around the world. This book is an ideal reference for network design engineers and high-level hospital executives that are thinking about adding or improving upon Wi-Fi in their hospitals or hospital systems.

About the Author Ali Youssef CPHIMS, CWNE #133 is a member of the mHIMSS advisory council and the AAMI Wireless Strategy Task Force. He is currently working as a Senior Solutions Architect at Henry Ford Health System. He holds a Bachelors degree in Biomedical Engineering from Worcester Polytechnic Institute, and has CWSP, CWDP, CWAP, PMP, CPHIMS, and ITILV3 certifications. Ali has over 14 years of experience with medical device design, network architecture, and project management. He is a passionate advocate for mHealth growth and adoption, and has written many articles and given talks about this topic. You can reach out to Ali on twitter @ayousse1 Bob Zemke CPHIMS, CISSP is the Healthcare Solutions Manager at Extreme Networks and a member of the Association of Medical Instrumentation Wireless Strategy Task Force (WSTF). Bob has degrees in Telecommunications Management from Western Michigan University and a Master's degree in telecommunications and network management from Syracuse University's prestigious iSchool. An IT professional with a broad span of experience in healthcare, Bob has been practicing and consulting in healthcare IT for over 15 years of experience in network design, deployment and management for hospital organizations globally. You can reach Bob on twitter @bobzemke Doug McDonald CPHIMS, CWSP is the Wireless Network Manager for Henry Ford Health System in Rochester Hills, Michigan. He is responsible for over 7 million square feet of hospital grade wireless Infrastructure. He holds a Bachelors degree in Information Technology and Services Management from Michigan State University and is currently pursuing an Executive MBA at Oakland University. Doug has fifteen years of experience as an IT professional. A member on the mHIMSS task force and coauthor of the mHIMSS roadmap, he holds a number of certifications including CPHIMS, CWNA, CWSP, CWDP, and ITILV3. You can reach Doug on twitter @DougRMcDonald Jon Linton CWNE #89 is a Senior Wireless Architect at Henry Ford Health System. He holds a BS in Management from Kettering University and is one of the first 100 Certified Wireless Experts in the CWNP organization. Jon also holds the ITILV3 certification. He has been active in publishing articles, presenting webinars and writing blog posts on all things Wi-Fi. You can reach Jon on twitter @wifisamuri Aaron Earle CRISC, CISSP, CISA, CISM, CCNP, MCP, A+, Net+, and Security + has been securing computer and network systems for over a decade. In this time he has accumulated thirty five certifications and two corporations. Aaron Earle has been involved with System Auditing, Vulnerability Assessment, Security Architecture, and Corporate Policy Writing. Aaron is an avid speaker and instructor for many security organizations worldwide. He has taught for prestigious security organizations such as Computer Security Institute (CSI) and Information Systems Security Association (ISSA). Aaron has also instructed personnel from almost every United States three or four letter government agency including NSA, FBI, and DOD. Aaron Earle's talent has taken him around the world informing, educating, and safeguarding governments and companies alike. You can reach Aaron at aaronearle@aecorp.com