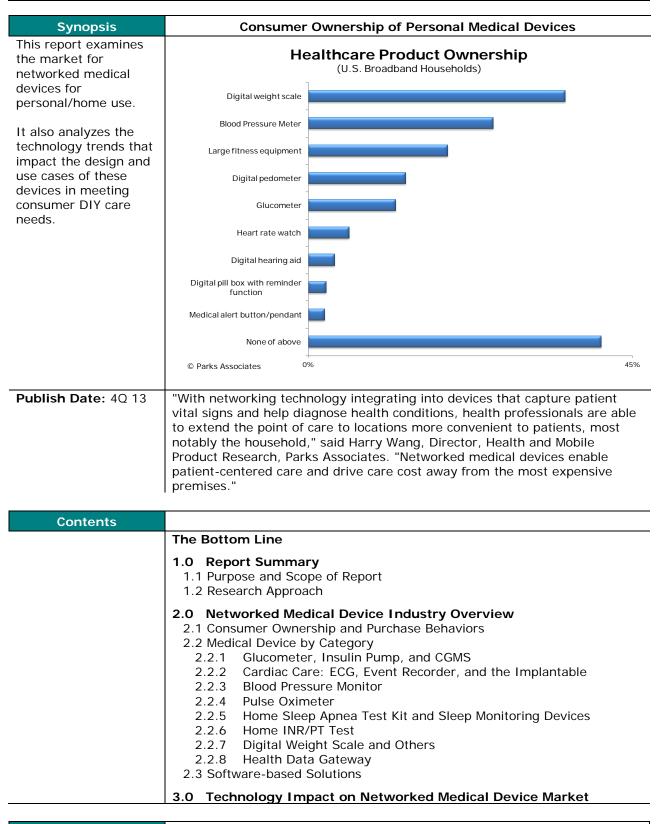


## Networked Medical Devices: Innovations and Business Models

By Harry Wang, Director, Health & Mobile Product Research

4Q 2013



© 2013 Parks Associates. All rights reserved.



## Networked Medical Devices: Innovations and Business Models

By Harry Wang, Director, Health & Mobile Product Research

4Q 2013

3.1 Networking technology
3.2 Semiconductor Market for Medical Devices
3.3 Cloud Services for Health Care
<ul> <li>4.0 Impact of Health Care Reforms and FDA Regulation Changes</li> <li>4.1 Health Care Reform and Payment Model Changes</li> <li>4.2 510(K) Reform, MDDS and MMA Regulations</li> </ul>
5.0 Market Forecasts
5.1 Market Drivers and Inhibitors
5.2 Forecast Methodology
5.3 Forecasts of U.S. Networked Medical Device Sales (2013-2018)
6.0 Market Implications and Recommendations
Appendix A: Definitions and Acronyms
Appendix B: Company Index

Figures	
	Companies Interviewed and Researched for this Report
	Healthcare Product Ownership
	Digital Healthcare Product Data Transfer
	Medical Device Data Transferring, by Age
	Digital Health Data Transfer Methods
	Networked Glucometers
	Networked Insulin Pumps
	Form Factor Evolution for ECG Devices
	Networked ECG Monitoring Devices
	Networked Automatic Arrhythmia Detection Devices
	Leading Connected Implantable Device Platforms
	New Blood Pressure Monitors from Innovators
	Innovative Pulse Oximeter Designs
	Leading Home Sleep Test (HST) Solution Vendors
	Leading INR Test Device Vendors
	Leading Networked Weight Scale Makers
	Health Data Gateway Designs: Physical, Virtual, and Hybrid Gateways
	Tablet-based Health Data Gateway Provider
	Comparison of Major Software-based Gateway Providers
	Medical Apps for Consumer Use with Medical Devices
	Major Wireless Networking Technologies for Networked Medical Devices
	Comparison of WPAN Technologies
	Consumer's Likelihood to Pay for Care Navigator Service
	IC Vendors for Networking Technologies
	Examples of Health Cloud Services
	Estimated Costs of UDI Regulation
	Unique Device Identifier Regulatory Timeline
	Addressable Market of Connected Medical Device Industry in the U.S.
	Macro Market Drivers for Networked Medical Device Industry
	Device Categories and Forecast Breakdowns
	Unit Sales Forecast (2013-2018): U.S. Networked Medical Devices by
	Category
	Revenue Forecasts (2013-2018): U.S. Networked Medical Devices by
	Category
	Networking Technology Breakdown (2013-2018): U.S. Networked Medical

© 2013 Parks Associates. All rights reserved.



## Networked Medical Devices: Innovations and Business Models

By Harry Wang, Director, Health & Mobile Product Research

4Q 2013

Devices

Definitions and Acronyms

Attributes	
Parks Associates	Authored by Harry Wang
15950 N. Dallas	Executive Editor: Tricia Parks
Parkway	Published by Parks Associates
Suite 575	
Dallas, TX 75248	© October 2013 Parks Associates
800.727.5711 toll free	Dallas, Texas 75248
972.490.1113 phone	
972.490.1133 fax	All rights reserved. No part of this book may be reproduced, in any form or by any means, without permission in writing from the publisher.
parksassociates.com	
sales@	Printed in the United States of America.
parksassociates.com	
	Disclaimer
	Parks Associates has made every reasonable effort to ensure that all information in this report is correct. We assume no responsibility for any inadvertent errors.