

# The Market for Tablet PCs In Healthcare

<https://marketpublishers.com/r/M030090150AEN.html>

Date: June 2013

Pages: 200

Price: US\$ 3,500.00 (Single User License)

ID: M030090150AEN

## Abstracts

The growing demands on the health industry have resulted in higher demand for new and better medical technology products. New technologies in the health IT segment are emerging in response to increased healthcare needs of an aging population, streamlining and efficiency demands, changes in reimbursement, new wireless technologies including wireless monitoring technologies, decreasing healthcare resources, an emphasis on reducing hospital days, and proven cost-effectiveness.

In particular, the Tablet PC has been focused on as it mimics clipboards and other products already used by physicians, nurses and other healthcare workers. The Apple iPad is the most prominent device but other competitors generate a significant amount of usage as well, including. Samsung, Research in Motion (BlackBerry), Panasonic, Hewlett Packard, Motion Computing, Lenovo, Fujitsu, Tangent and others. This Kalorama Information report, The Market for Tablet PCs in Healthcare, looks at the role these devices can play in reducing costs and making healthcare more efficient. The report also presents the opportunity for makers of these devices.

There are four primary markets for these new technologies. The report provides Tablet PC usage estimates for all of these sectors:

Hospitals

Physician offices

Home healthcare and nursing homes

Other, including first responders, institutional, and military.

For each of these segments, it also estimates market opportunity for sales to those customers and forecasts that opportunity for five years. This global report breaks the market opportunity in healthcare tablet PCs out for the following regions.

United States

Europe

Japan

Rest of Asia

Rest of World.

The list of trends and factors affecting the market for tablet PCs in healthcare include:

EMR Compatibility and Functions

Efficiency in Healthcare with IT

Growing Availability and Use of Medical Apps for Tablets

E-Prescribing: A Driver to Tablet Adoption

Demand on Healthcare with Aging Populations

Health Spending and Cost Saving Efforts

Health Information Technology and American Reinvestment and Recovery Act of 2009

HIPAA

FCC and Medical Wireless Communication

The once-niche area of healthcare tablets has become a highly competitive segment of the industry, booming just after the iPad launch which took many professional industries

by storm.

## Contents

### EXECUTIVE SUMMARY

Tablets in Healthcare: An Overview  
##End-Users  
####Hospitals  
####Physicians Offices  
####Home Health and Nursing Homes  
####Other Markets  
##Methodology  
##Size and Growth of the Market  
##Key Market Findings  
##Issues Facing the IT Healthcare Market  
##Competitors

### INTRODUCTION

Mobile Devices: Industry Overview  
Applications: Expanding Capabilities  
Defining Tablet PCs  
##Leading Mobile Device Operating Systems  
Why Tablet Computers?  
##Tablet Computer Technology  
##Connection Speeds  
##Consumer Acceptance  
Healthcare Efficiency  
Healthcare Establishments  
##Hospitals  
####U.S. Hospital Segment  
####Hospital Systems around the World  
##Physicians  
####Number of Physicians  
##Nursing Homes  
####International Trends in Nursing Facilities  
##Home Health  
Population Statistics  
##Global Population Trends  
####Global Population over

##U.S. Population Trends  
####U.S. Population over  
##Global Trends in Life Expectancy

## **TECHNOLOGIES AND COMPETITORS**

Tablet PCs in Healthcare

##Tablet Features and Usability  
##Benefits of Tablets in Healthcare  
##Challenges in the Implementation of Tablets in Healthcare Settings

Product Examples

##Apple  
##Barco  
##Cybernet Manufacturing  
##Dell  
##Fujitsu  
##Hewlett Packard  
##Lenovo  
##MiTAC International Corporation  
##Motion Computing  
##Motorola  
##Panasonic  
##Pantech Mobile  
##RIM  
##Samsung  
##Socket Mobile  
##Tangent  
##Toshiba  
##ViewSonic

Medical Applications

##Business Model for Device/Platform Developers  
##Apps and Tablet PCs  
##Leading Apps for Healthcare Providers  
##Electronic Medical Records and Apps

## **MARKET OVERVIEW**

Market Introduction

Tablet PC Sales by End-User

##Hospitals/Acute Care Centers  
##Physician Offices/Practices  
##Nursing Establishments/Home Health Services  
##Others  
Regional Distribution of Tablet PC Sales to Health Establishments  
Market Drivers and Inhibitors  
##Growth Drivers  
##Growth Inhibitors  
Emerging Trends

## **COMPETITOR MARKET SHARE ANALYSIS**

Overview  
Competitor Market Analysis

## **INDUSTRY TRENDS**

Introduction  
Tablets and EMR Functions  
##Overview of EMRs  
##EMR Adoption  
Are Electronic Healthcare Systems More Efficient?  
##The EMR and Mobile Apps  
Using Tablet PCs in E-prescription  
U.S. Food and Drug Administration Requirements for Mobile medical Applications  
Increasing Life Expectancy and the Demand for Advanced Healthcare Delivery Options  
Global Healthcare Trends  
##General Economic Trends by Country  
U.S. Health Industry Trends  
##Economic Trends in the U.S.  
##U.S. Health Expenditures by Type  
##European Healthcare Markets  
##Asia-Pacific Healthcare Markets  
##Reducing Hospital Days to Lower Costs  
##Health Information Technology and American Reinvestment and Recovery Act of (ARRA)  
#####Healthcare Mandate  
#####Meaningful Use Criteria

####Stages of Meaningful Use  
####Qualifying for Stage One Meaningful Use  
####Stage Two Meaningful Use  
##HIPAA  
####Patient Privacy and Cloud Technology  
##FCC Rules for Medical Wireless Communication  
##System Compatibility  
Healthcare Efficiency

## **CASE STUDIES**

### Overview

##Mayo Clinic and Apple, Inc.  
##Ottawa Hospital - Apple, Inc.  
##Hewlett-Packard and Sharp Healthcare  
##Queens Pediatrics - Fujitsu Tablets  
##Motion Computing  
##Ford Motor Company and Motion Computing  
##St. Clair Hospital and Hewlett Packard  
##Infectious Disease Clinical Research Program (IDCRP) and Sahara Slate Tablet PC  
##The Whole Child Pediatrics P.S.C. and Motion Computing

## **COMPETITOR PROFILES**

### Overview

Apple, Inc.  
##Company Overview  
##Performance Review  
##Growth Strategy  
##New Developments  
##Locations  
Barco NV  
##Company Overview  
##Performance Review  
##Growth Strategy  
##New Developments  
##Locations  
Cybernet Medical  
##Company Overview

##Growth Strategy

Dell, Inc.

##Company Overview

##Performance Review

##Growth Strategy

##New Developments

##Locations

Fujitsu Ltd.

##Company Overview

##Performance Review

##Growth Strategy

##New Developments

##Locations

Hewlett Packard Company

##Company Overview

##Performance Review

##Growth Strategy

##New Developments

##Locations

Lenovo Group Limited

##Company Overview

##Performance Review

##Growth Strategy

##New Developments

##Locations

Motion Computing, Inc.

##Company Overview

##Growth Strategy

##New Developments

Motorola Solutions, Inc.

##Company Overview

##Performance Review

##Growth Strategy

##New Developments

##Locations

Panasonic Corporation

##Company Overview

##Performance Review

##Growth Strategy



##New Developments

##Locations

Research in Motion Ltd.

##Company Overview

##Performance Review

##Growth Strategy

##New Developments

##Locations

Samsung Electronics Co., Ltd.

##Company Overview

##Performance Review

##Growth Strategy

##New Developments

##Locations

Socket Mobile, Inc.

##Company Overview

##Performance Review

##Growth Strategy

##New Developments

##Locations

Tangent, Inc.

##Company Overview

##Growth Strategy

##Locations

ViewSonic Corporation

##Company Overview

##Growth Strategy

##Locations

## **LIST OF COMPANIES**

## **REGULATORY AUTHORITIES AND INDUSTRY ORGANIZATIONS**

## **GLOSSARY OF IT TERMS**

## List Of Exhibits

### LIST OF EXHIBITS

#### EXECUTIVE SUMMARY

Figure 1-1 The Global Market for Tablet PCs in Healthcare 2008 through 2018

#### INTRODUCTION

Table 2-1 Leading Smartphone Operating Systems

Table 2-2 Select Tablet Specification Comparison

Table 2-2 (continued)

##Select Tablet Specification Comparison

Table 2-3 Data and Wi-Fi Download Connection Speed Comparison

Table 2-4 U.S. Registered Hospitals by Type, 2011

Figure 2-1 Distribution of U.S. Registered Hospitals by Type, 2011

Figure 2-2 Number of Hospitals in the US, 1975-2005, Estimated 2015

Table 2-5 Leading For-Profit U.S. Hospital Chains, 2008 and 2010

Table 2-6 Registered Hospitals and Acute Care Centers by Country

Figure 2-3 Registered Hospitals and Acute Care Centers by Country

Figure 2-4 Number of Physician Offices, United States, 2000-2009

Table 2-7 Medical Doctors per 1,000 Population by Country

Figure 2-5 Number of Nursing Homes (United States), 2000-2010

Table 2-8 U.S. Nursing Homes, Beds, Residents and Occupancy Rate, 2010

Table 2-9 Estimated Nursing Service Establishments and Care Centers by Country

Figure 2-6 Growth in Hospice Programs in the United States, 1998-2010

Figure 2-7 Patients Served with Hospice Programs in the United States, 1998-2009

Table 2-10 Percentage of Hospice Admissions by Primary Diagnosis, 2005 -2009

Table 2-11 The Global Population, 1980-2050

Figure 2-8 The Global Population, 1980-2050

Table 2-12 Global Population Trends Age 65+, 2000-2050

Figure 2-9 Global Population Trends Age 65+, 2000-2050

Table 2-13 The U.S. Population, 1980-2050

Figure 2-10 The U.S. Population, 1980-2050

Table 2-14 Percent U.S. Population Over Age 65 by Year, 2000-2050

Figure 2-11 United States Population Trend Age 65+, 2000-2050

Table 2-15 Average Life Expectancy in Years by Country 1980 and 2012

Figure 2-12 Average Life Expectancy in Years by Country 1980 and 2012

## **TECHNOLOGIES AND COMPETITORS**

Figure 3-1

Table 3-1 Select Tablet PCs in Healthcare Current as of June 2013

Table 3-1 (continued)

##Select Tablet PCs in Healthcare Current as of June 2013

## **MARKET OVERVIEW**

Table 4-1 The Global Market for Tablet PCs in Healthcare 2008-2018

Figure 4-1 The Global Market for Tablet PCs in Healthcare 2008-2018

Table 4-2 Global Market for Tablet PCs in Healthcare by End User, 2008 - 2018

Figure 4-2 Global Market for Tablet PCs in Healthcare by End User, 2008-2018

Figure 4-3 Global Market for Tablet PCs in Healthcare: Estimated Distribution of Sales by End User, 2012

Figure 4-4 Tablet PC Adoption Trends for Hospitals/Acute Care Centers, Estimates and Projections 2008-2018

Figure 4-5 Tablet PC Adoption Trends for Physicians and Physician Offices, Estimates and Projections 2008-2018

Figure 4-6 Tablet PC Adoption Trends in Nursing Establishments/Home Health Services, Estimates and Projections 2008-2018

Table 4-3 Global Market for Medical Tablet PCs in Healthcare Estimated Products Sales by Geographic Region, 2008-2018

Figure 4-7 Global Market for Medical Tablet PCs in Healthcare Market Share by Geographic Region, 2013

## **COMPETITOR MARKET SHARE ANALYSIS**

Table 5-1 Leading Competitor Analysis, Global Tablet PC Healthcare Market, 2012 vs. 2013

Figure 5-1

## **INDUSTRY TRENDS**

Table 6-1 Total Healthcare Expenditures as a Percent of GDP by Country 1990, 2000 and

Figure 6-1 Total Healthcare Expenditures as a Percent of GDP by Country 1990, 2000 and

Table 6-2 Average Annual Growth of GDP by Country 2007-2011

Table 6-3 National Healthcare Expenditures in the United States 1960-2020

Table 6-4 National Health Expenditure Amounts, by Type of Expenditure: Calendar Years 2015-2021

Table 6-4 (continued)

##National Health Expenditure Amounts, by Type of Expenditure: Calendar Years 2015-2021

Table 6-5 U.S. Hospital Length of Stay, Average by Age Group

Figure 6-2 U.S. Hospital Length of Stay, Average by Age Group

Table 6-6 Average International Length of Stay, by Country 2010

Figure 6-3 Average International Length of Stay, by Country 2010

Table 6-7 Stages of Meaningful Use

Figure 6-4 Percent of Organizations that Expect to Qualify for Stage One Meaningful Use

Figure 6-5 Percent of U.S. Hospitals Reporting Security Breach of IT System, 2011 and 2012

Figure 6-6 Top Concerns -- Security of Computerized Medical Information, 2011 and 2012

## **CASE STUDIES**

### **COMPETITOR PROFILES**

Table 8-1 Corporate Details for Apple, Inc.

Table 8-2 Financial Details for Apple, Inc 2008-2012 (\$millions)

Figure 8-1 Apple's Revenues 2008-2012 (\$millions)

Figure 8-2 Apple-funded Research and Development Expenditures 2008-2012 (\$millions)

Table 8-3 Corporate Details for Barco NV

Table 8-4 Financial Details for Barco 2008-2012 (\$millions)

Figure 8-3 Barco's Revenues 2008-2012 (\$millions)

Figure 8-4 Barco-funded Research and Development Expenditures 2009-2012 (\$millions)

Table 8-5 Corporate Details for Cybernet Systems Corp.

Table 8-6 Corporate Details for Dell

Table 8-7 Financial Details for Dell 2008-2012 (\$millions)

Figure 8-5 Dell's Revenues 2008-2012 (\$millions)

Figure 8-6 Dell-funded Research and Development Expenditures 2008-2012 (\$millions)

Table 8-8 Corporate Details for Fujitsu

Table 8-9 Financial Details for Fujitsu 2008-2012 (\$millions)

Figure 8-7 Fujitsu's Revenues 2008-2012 (\$millions)

Figure 8-8 Fujitsu-funded Research and Development Expenditures 2008-2012 (\$millions)

Table 8-10

Table 8-11 Financial Details for Hewlett Packard 2008-2012 (\$millions)

Figure 8-9 Hewlett Packard's Revenues 2008-2012 (\$millions)

Figure 8-10 HP-funded Research and Development Expenditures 2008-2012 (\$millions)

Table 8-12 Corporate Details for Lenovo Group

Table 8-13 Financial Details for Lenovo 2008-2012 (\$millions)

Figure 8-11 Lenovo's Revenues 2008-2012 (\$millions)

Figure 8-12 Lenovo-funded Research and Development Expenditures 2008-2012 (\$millions)

Table 8-14 Corporate Details for Motion Computing

Table 8-15 Corporate Details for Motorola Solutions

Table 8-16 Financial Details for Motorola 2008-2012 (\$millions)

Figure 8-13 Motorola's Revenues 2008-2012 (\$millions)

Figure 8-14 Motorola-funded Research and Development Expenditures 2008-2012 (\$millions)

Table 8-17 Corporate Details for Panasonic

Table 8-18 Financial Details for Panasonic 2008-2012 (\$millions)

Figure 8-15 Panasonic's Revenues 2008-2012 (\$millions)

Figure 8-16 Panasonic-funded Research and Development Expenditures 2008-2012 (\$millions) ..

Table 8-19 Corporate Details for Research In Motion

Table 8-20 Financial Details for Research In Motion 2008-2012 (\$millions)

Figure 8-17 Research In Motion Revenues 2008-2012 (\$millions)

Figure 8-18 Research In Motion's Research and Development Expenditures 2008-2012 (\$millions)

Table 8-21 Corporate Details for Samsung

Table 8-22 Financial Details for Samsung 2008-2012 (\$millions)

Figure 8-19 Samsung's Revenues 2008-2012 (\$millions)

Table 8-23 Corporate Details for Socket Mobile

Table 8-24 Financial Details for Socket Mobile 2008-2012 (\$millions)

Figure 8-20 Socket Mobile Revenues 2008-2012 (\$millions)

Figure 8-21 Socket Mobile's Research and Development Expenditures 2008-2012 (\$millions)

Table 8-25 Corporate Details for Tangent

Table 8-26 Corporate Details for ViewSonic

**LIST OF COMPANIES**

**REGULATORY AUTHORITIES AND INDUSTRY ORGANIZATIONS**

**GLOSSARY OF IT TERMS**

## I would like to order

Product name: The Market for Tablet PCs In Healthcare

Product link: <https://marketpublishers.com/r/M030090150AEN.html>

Price: US\$ 3,500.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/M030090150AEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970