

# Keystroke Dynamics: Market Research Report

<https://marketpublishers.com/r/K8CF735FF26EN.html>

Date: January 2015

Pages: 106

Price: US\$ 4,950.00 (Single User License)

ID: K8CF735FF26EN

## Abstracts

This report analyzes the worldwide markets for Keystroke Dynamics in US\$ Thousands. The report provides separate comprehensive analytics for the US, Canada, Japan, Europe, Asia-Pacific, Middle East, and Latin America. Annual estimates and forecasts are provided for the period 2014 through 2020. Also, a seven-year historic analysis is provided for these markets. Market data and analytics are derived from primary and secondary research. Company profiles are primarily based on public domain information including company URLs. The report profiles 16 companies including many key and niche players such as -

AdmitOne Security

Authenware Corporation

BehavioSec, Inc.

bioChec™

Deepnet Security

## Contents

### I. INTRODUCTION, METHODOLOGY & PRODUCT DEFINITIONS

Study Reliability and Reporting Limitations

Disclaimers

Data Interpretation & Reporting Level

Quantitative Techniques & Analytics

Product Definitions and Scope of Study

### II. EXECUTIVE SUMMARY

#### 1. BIOMETRICS - GROWING PROMINENCE AS AUTHENTICATION TECHNOLOGY

Biometrics Technology - A Prelude

Biometrics - An Essential Security Component for both Government & Enterprise Sector

**Table 1.** World Biometrics Market (2013): Percentage Share Breakdown of Revenues by End-Use Sector (includes corresponding Graph/Chart)

**Table 2.** World Biometrics Market (2013): Percentage Share Breakdown of Revenues by Technology (includes corresponding Graph/Chart)

World Biometrics Market (2007-2015): Analysis of Demand in Public Sector by Application Areas - Integrated eBorders, eID and eGovernment

World Biometrics Market (2011-2015): Analysis of Demand in Commercial Sector by Application Areas - Enterprise Security, Information Transactions and Financial Transactions

Significance of Biometrics

The Rise of Behavioral Biometric Technologies

#### 2. KEYSTROKE DYNAMICS/TYPING RHYTHMS

Logical Access Control Made Even More Secure with Keystroke Dynamics

Road to Commercialization

Opportunities Galore

Outlook

Developed Nations at the Forefront of Technology Adoption

Beneficial Attributes to Improve Market Acceptance

Multi-Factor Authentication: An Important Area for Keystroke Dynamics

Enterprise Sector: A Lucrative Market

Banking & Financial Institutions - An Important Source of Revenue Generation

Globalization & Workforce Decentralization – A Key Opportunity in the Enterprise Sector

**Table 3.** Global Workforce Population (2009 & 2014): Percentage Share Breakdown of Employees by Nature of Work (includes corresponding Graph/Chart)

**Table 4.** Global Mobile Workforce Population (2009 & 2014): Breakdown of Number of Mobile Employees in Million by Region/Country (includes corresponding Graph/Chart)

Healthcare & Education Sectors – Driving Considerable Gains

Government Sector Warms Up to Benefits of Keystroke Dynamics

Expanding Application Possibilities to Foster Growth

Internet Applications – Immense Opportunities in Store

Social Networking - A Potential Application Area

ATM Machines

Cloud Storage Promises Excellent Opportunities

Personal Devices to Lend Traction

**Table 5.** Global Market for Mobile Computing Devices (2014): Percentage Share Breakdown of Dollar Sales by Product Type (includes corresponding Graph/Chart)

Smartphones & Tablets - Next Frontier for Keystroke Dynamics

Opportunity Indicator

**Table 6.** World Market for Smartphones (2011 & 2017P): Breakdown of Sales in Thousand Units by Geographic Region/Country (includes corresponding Graph/Chart)

Challenges in Implementing Keystroke Dynamics for Mobile Phones

Major Issues

Continued Technology Developments Brings Hope

### **3. TECHNOLOGY OVERVIEW**

Biometrics Technology – An Introduction  
A Peek into the History  
Working of Biometrics  
Physiological and Behavioral Characteristics  
Verification and Identification  
Keystroke Dynamics/Typing Rhythms  
Overview  
Application Areas  
Technological Issues  
Major Advantages of Keystroke Dynamics  
Major Disadvantages  
Approaches to Keystroke Dynamics  
Measures/Methods in Key Stroke Dynamics

#### **4. BIOMETRICS STANDARDS**

Significance and Evolution of Standards in the Industry  
Organizations/ Standards Governing the Use of Biometrics  
Biometric Consortium  
International Biometrics & Identification Association (IBIA)  
National Biometric Test Center (NBTC)  
National Biometric Security Project (NBSP)  
Biometrics Working Group (BWG)  
International Association for Biometrics (iAfB)  
International Biometric Foundation (IBF)  
The International Biometric Society (IBS)  
European Biometrics Forum (EBF)  
Biometrics Security Consortium (BSC)  
Nederlands Biometrie Forum (NBF)  
Center for Biometrics and Security Research (CBSR)

#### **5. PRODUCT INNOVATIONS/INTRODUCTIONS**

Watchful Software Rolls Out TypeWATCH for Individuals  
Watchful Software Unveils TypeWATCH Version 1.  
AuthenWare Launches Cloud Based Authentication Portal for Users

#### **6. RECENT INDUSTRY ACTIVITY**

Watchful Software Receives Investment from Hudson Fairfax Group  
BehavioSec Receives Funding from Octopus and Northzone  
New Frontier Group Teams Up with BehavioSec  
xWare42 Integrates BehavioSec's Behavioral Authentication into xPay  
HID Global Teams Up with BehavioSec  
BehavioSec Bags Research Grant from DARPA  
Plurilock Security Receives Contract from Canadian Public Works Department  
Watchful Software Signs Distribution Agreement with 3KV  
Watchful Software Teams Up with GTI Software  
Watchful Software Selects Tellumat  
Plurilock Signs Multiple Reseller Agreements

## 7. FOCUS ON SELECT PLAYERS

AdmitOne Security (US)  
Authenware Corporation (US)  
BehavioSec, Inc. (Sweden)  
bioChec (US)  
Deepnet Security (UK)  
Delfigo Security (US)  
ID Control BV (The Netherlands)  
Intensity Analytics (US)  
Plurilock Security Solutions, Inc. (Canada)  
Watchful Software (US)

## 8. GLOBAL MARKET PERSPECTIVE

**Table 7.** World Recent Past, Current and Future Analysis for Keystroke Dynamics by Geographic Region/Country - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin America Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for the Years 2014 through 2020 (includes corresponding Graph/Chart)

**Table 8.** World Historic Review for Keystroke Dynamics by Geographic Region/ Country - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin America Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for the Years 2007 through 2013 (includes corresponding Graph/Chart)

**Table 9.** World 14-Year Perspective for Keystroke Dynamics by Geographic Region/ Country - Percentage Breakdown of Revenues for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin America Markets for the Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

### **III. MARKET**

#### **1. THE UNITED STATES**

##### **A. Market Analysis**

###### **Outlook**

###### **United States: Core Market for Keystroke Dynamics**

###### **Product Launches**

###### **Strategic Corporate Developments**

###### **Select Players**

##### **B. Market Analytics**

**Table 10.** US Recent Past, Current and Future Analysis for Keystroke Dynamics Market Analyzed with Annual Revenues in US\$ Thousand for the Years 2014 through 2020 (includes corresponding Graph/Chart)

**Table 11.** US Historic Review for Keystroke Dynamics Market Analyzed with Annual Revenues in US\$ Thousand for the Years 2007 through 2013 (includes corresponding Graph/Chart)

#### **2. CANADA**

##### **A. Market Analysis**

###### **Outlook**

###### **Strategic Corporate Developments**

###### **Plurilock Security Solutions, Inc. – A Key Canadian Player**

##### **B. Market Analytics**

**Table 12.** Canadian Recent Past, Current and Future Analysis for Keystroke Dynamics Market Analyzed with Annual Revenues in US\$ Thousand for the Years 2014 through 2020 (includes corresponding Graph/Chart)

**Table 13.** Canadian Historic Review for Keystroke Dynamics Market Analyzed with Annual Revenues in US\$ Thousand for the Years 2007 through 2013 (includes corresponding Graph/Chart)

### 3. JAPAN

Market Analysis

**Table 14.** Japanese Recent Past, Current and Future Analysis for Keystroke Dynamics Market Analyzed with Annual Revenues in US\$ Thousand for the Years 2014 through 2020 (includes corresponding Graph/Chart)

**Table 15.** Japanese Historic Review for Keystroke Dynamics Market Analyzed with Annual Revenues in US\$ Thousand for the Years 2007 through 2013 (includes corresponding Graph/Chart)

### 4. EUROPE

A. Market Analysis

Outlook

Usage Benefits Drive Adoption

B. Market Analytics

**Table 16.** European Recent Past, Current and Future Analysis for Keystroke Dynamics Market by Geographic Region/Country - France, Germany, UK and Rest of Europe Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for the Years 2014 through 2020 (includes corresponding Graph/Chart)

**Table 17.** European Historic Review for Keystroke Dynamics Market by Geographic Region/Country - France, Germany, UK and Rest of Europe Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for the Years 2007 through 2013 (includes corresponding Graph/Chart)

**Table 18.** European 14-Year Perspective for Keystroke Dynamics Market by Geographic Region/Country - Percentage Breakdown of Revenues for France, Germany, UK and Rest of Europe Markets for the Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

## 4A. FRANCE

### Market Analysis

**Table 19.** French Recent Past, Current and Future Analysis for Keystroke Dynamics Market Analyzed with Annual Revenues in US\$ Thousand for the Years 2014 through 2020 (includes corresponding Graph/Chart)

**Table 20.** French Historic Review for Keystroke Dynamics Market Analyzed with Annual Revenues in US\$ Thousand for the Years 2007 through 2013 (includes corresponding Graph/Chart)

## 4B. GERMANY

### A. Market Analysis

#### Outlook

#### Strategic Corporate Developments

### B. Market Analytics

**Table 21.** German Recent Past, Current and Future Analysis for Keystroke Dynamics Market Analyzed with Annual Revenues in US\$ Thousand for the Years 2014 through 2020 (includes corresponding Graph/Chart)

**Table 22.** German Historic Review for Keystroke Dynamics Market Analyzed with Annual Revenues in US\$ Thousand for the Years 2007 through 2013 (includes corresponding Graph/Chart)

## 4C. THE UNITED KINGDOM

### A. Market Analysis

#### Outlook

#### Deepnet Security – A Key Uk Player

### B. Market Analytics

**Table 23.** UK Recent Past, Current and Future Analysis for Keystroke Dynamics Market Analyzed with Annual Revenues in US\$ Thousand for the Years 2014 through 2020



(includes corresponding Graph/Chart)

**Table 24.** UK Historic Review for Keystroke Dynamics Market Analyzed with Annual Revenues in US\$ Thousand for the Years 2007 through 2013 (includes corresponding Graph/Chart)

#### **4D. REST OF EUROPE**

##### **A. Market Analysis**

Outlook

Strategic Corporate Developments

Select Players

##### **B. Market Analytics**

**Table 25.** Rest of European Recent Past, Current and Future Analysis for Keystroke Dynamics Market Analyzed with Annual Revenues in US\$ Thousand for the Years 2014 through 2020 (includes corresponding Graph/Chart)

**Table 26.** Rest of European Historic Review for Keystroke Dynamics Market Analyzed with Annual Revenues in US\$ Thousand for the Years 2007 through 2013 (includes corresponding Graph/Chart)

#### **5. ASIA-PACIFIC**

##### **A. Market Analysis**

Outlook

Increasing Penetration of Biometric Technologies Bodes Well for the Market

##### **B. Market Analytics**

**Table 27.** Asia-Pacific Recent Past, Current and Future Analysis for Keystroke Dynamics Market Analyzed with Annual Revenues in US\$ Thousand for the Years 2014 through 2020 (includes corresponding Graph/Chart)

**Table 28.** Asia-Pacific Historic Review for Keystroke Dynamics Market Analyzed with Annual Revenues in US\$ Thousand for the Years 2007 through 2013 (includes corresponding Graph/Chart)

## 6. THE MIDDLE EAST

### A. Market Analysis

Outlook

Strategic Corporate Development

### B. Market Analytics

**Table 29.** The Middle East Recent Past, Current and Future Analysis for Keystroke Dynamics Market Analyzed with Annual Revenues in US\$ Thousand for the Years 2014 through 2020 (includes corresponding Graph/Chart)

**Table 30.** The Middle East Historic Review for Keystroke Dynamics Market Analyzed with Annual Revenues in US\$ Thousand for the Years 2007 through 2013 (includes corresponding Graph/Chart)

## 7. LATIN AMERICA

### Market Analysis

**Table 31.** Latin American Recent Past, Current and Future Analysis for Keystroke Dynamics Market Analyzed with Annual Revenues in US\$ Thousand for the Years 2014 through 2020 (includes corresponding Graph/Chart)

**Table 32.** Latin American Historic Review for Keystroke Dynamics Market Analyzed with Annual Revenues in US\$ Thousand for the Years 2007 through 2013 (includes corresponding Graph/Chart)

## IV. COMPETITIVE LANDSCAPE

Total Companies Profiled: 16 (including Divisions/Subsidiaries - 16)

The United States (10)

Canada (1)

Europe (4)

Germany (1)

The United Kingdom (1)

Rest of Europe (2)

Asia-Pacific (Excluding Japan) (1)

## I would like to order

Product name: Keystroke Dynamics: Market Research Report

Product link: <https://marketpublishers.com/r/K8CF735FF26EN.html>

Price: US\$ 4,950.00 (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/K8CF735FF26EN.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