

New Industrial Revolution: Gap Between Value of Capital and Value of Jobs Widens

Table of Contents

Income Disparity: Executive Summary

The study is designed to give a comprehensive overview of the New Industrial Revolution: Gap Between Value of Capital and Value of Jobs Widens market segment. Research represents a selection from the mountains of data available of the most relevant and cogent market materials, with selections made by the most senior analysts. Commentary on every aspect of the market from independent analysts creates an independent perspective in the evaluation of the market. In this manner the study presents a comprehensive overview of what is going on in this market, assisting managers with designing market strategies likely to succeed.

Table of Contents

New Industrial Revolution	1
New Industrial Revolution Executive Summary	8
Unions Need to Embrace Returns to Capital as Way to Support Middle Class	8
New Industrial Revolution Makes More Money for the Capitalists!	8
Dawn of A New Industrial Revolution	9
New Trillion-Dollar Markets	9
New Industrial Revolution Market Driving Forces	10
1. New Industrial Revolution Market Description and Market Dynamics	11
1.1 New Industrial Revolution Market Dynamics	11
1.2 New Industrial Revolution Challenges and Opportunities	13

1.2.1 Displacement of Workers By Machines Exacerbates The Gap Between Returns To Capital And Returns To Labor	14
1.3 Robots Change Everything	14
2. New Industrial Revolution Market Evolution	15
2.1 New Industrial Revolution Challenges And Opportunities	15
2.2 Labor Unions Embrace Participation In Returns To Capital	16
2.2.1 Capital Stock Not a Government Function	17
2.2.2 Net Increase In Safe And Rewarding Jobs?	18
2.2.3 Disruption of The Existing Value Chain And The Velocity Of Disruption	19
2.3 New Industrial Revolution	20
2.3.1 New Industrial Revolution Market Driving Forces	22
2.4 Smart Manufacturing, Industry 4.0	23
2.4.1 Additive Manufacturing	25
2.5 Internet of Things (IoT)	26
2.5.1 SoftBank CEO Masayoshi Son Sees 1 Trillion Devices for Internet of Things / Compared IoT to the Cambrian Explosion	26
2.6 Tablets, Apps, and Smart Phones	27
2.7 Self-Driving Cars	27
2.7.1 \$20 Trillion To Replace 1.2 Billion ICE-Powered Vehicles With Electric Vehicles	28
2.8 Robots	29
2.8.1 Drones	29
2.9 Online Retail: \$17 Trillion Opportunity by 2024	30
2.10 Wellness Market Forecasts Dollars, Worldwide, 2018-2024	31
2.11 BioMaterials	31

2.12 Augmented Reality	32
2.13 Cloud and Data Center Spending	34
2.13.1 Achieving a Scalable, Secure Data Center Architecture	35
2.11.2 In one Sense the Data Center Becomes a Complex Internal Network	36
2.14 Blockchain Market Description and Market Dynamics	38
2.15 5G Communications, Small Cells Bring Transformational 5G	38
2.16 Artificial Intelligence New Industrial Revolution	39
3. Robots Killing Blue-Collar Jobs	41
3.1 Robots are killing blue collar jobs. Pure and Simple.	41
WinterGreen Research,	42
WinterGreen Research Methodology	42
WinterGreen Research Process	44
Market Research Study	44
WinterGreen Research Global Market Intelligence Company	45
Report Description: Revenue Models Matter	46

List of Figures

New Industrial Revolution	1
Figure 1. New Industrial Revolution Market Driving Forces	10
Figure 2. Change in the Industrial Landscape	11
Figure 3. New Industrial Revolution Market Driving Forces	22
Figure 4. Smart Manufacturing Automated Systems Advantages	24

Figure 5. Smart Manufacturing Transformative Technologies	25
Figure 6. Digital Augmented Reality Holds The Promise Of Providing Context To Database Information	32
Figure 7. Google Clos Multistage Switching Network	35
Figure 8. Achieving a Scalable, Secure Architecture from Simple Units	36
Figure 9. Facebook Sample Pod: Unit of Network	37
Figure 10. AI Impact on CRM Activities:	39