

Robot: Market Shares, Strategies, and Forecasts, Worldwide, 2014 to 2020

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Abstracts

WinterGreen Research announces that it has published a new study Robots: Market Shares, Strategy, and Forecasts, Worldwide, 2014 to 2020. The 2014 study has 1191 pages, 607 tables and figures. Worldwide robotics markets are increasingly diversified, poised to achieve significant growth as every industry segment adopts mobile automated process new companies get more businesses test for substance abuse. The robots are taking over, they have remote control to control a device to make it do what you want.

Robots in general are poised to change every aspect of modern life. Robots are poised to change everything, what we eat, how we eat it, what we drive, how we drive it, what we manufacture, how we manufacture it, and the military, how we defend ourselves.

Robot technology is based on platforms that leverage sensors, controllers, software modules, cameras, visualization, and locomotors deploying machines for control of all repeatable process. Industrialization is after all the repetition of some task to create process. Robots take this a step further to create automation of process with the ability to move the units.

Robots are promising to improve yields in every industry. Robots make crops safer by eliminating or virtually eliminating herbicides. Downstream processing system solutions and robots achieve automation of process. Robots meet stringent hygiene and safety regulations, work tirelessly 24 hours a day, and relieve human workers of physically arduous tasks. Robots contribute to the freshness, variety and quality of food. Projects are ongoing. Projects are ongoing.

Contents

ROBOT MARKET EXECUTIVE SUMMARY

Robot Market Driving Forces

Robots Bring A New Industrial Revolution

Robot Market Driving Forces

Robot Target Markets

Robotic Trends

Robot Market Forecasts

1. MARKET ROBOT DESCRIPTION AND MARKET DYNAMICS

1.1 Markets

1.1.1 Robotic Automation Potential

1.1.2 Robots Find A Place in the Agriculture Industry

1.1.3 Robots Make Production More Efficient

1.1.4 Use Of Industrial Robots for Agriculture

1.1.5 Robotics and Automation

1.2 RAS Robotics and Automation (AgRA) Technical Committee

1.3 Transformational Robots

1.4 Global Economy

1.4.1 Robotics as Key Economic Enabler

2. ROBOTS MARKET SHARE AND MARKET FORECASTS

2.1 Robot Market Driving Forces

2.1.1 Robots Set To Bring A New Industrial Revolution

2.1.2 Tablet Apps Congruent Technology For All Robots

2.1.3 Peripheral Processes Become Massively More Productive

2.1.4 Robots Poised To Change Market Segment Economics

2.1.5 First Wave Of Automated Process

2.1.6 Robots Third Wave Of Automated Process

2.1.7 Robot Target Markets

2.2 Robot Forecasts

2.2.1 Robotic Trends

2.3 Industrial Robots / Manufacturing Robots

2.3.1 Regarding Industrial Robots:

2.3.1 Robot Density in Automotive and General Industry

- 2.3.2 Industrial Robots Market Shares
- 2.3.3 Industrial Robots Market Dollar Forecasts
- 2.3.4 Industrial Robots Market Unit Forecasts
- 2.3.5 Foxcomm Doubles Total Robotics Installed Base
- 2.3.6 Robotics End User Trends
- 2.4 Services Robots
 - 2.4.1 Logistics Services Robots
 - 2.4.2 Ship Container and Loading Dock Logistics Robots
 - 2.4.3 Warehouse Logistics Robot
 - 2.4.4 Online Sales Drive Need for Warehouse Logistics Robots
- 2.5 Military Robot Systems of Engagement Product Description
 - 2.5.1 Military Ground Robots Market Shares and Market Forecasts
 - 2.5.2 Defense Industry Is Entering A New Era
 - 2.5.3 Military Ground Robot Market Driving Forces
 - 2.5.4 Military Ground Robots Market Shares
 - 2.5.5 Small Military Robot Forecasts
 - 2.5.6 Mid Size Military Ground Robot Market Forecasts
 - 2.5.7 Larger Military Robot Forecasts
- 2.6 UAS
 - 2.6.1 General Atomics Predator UAS
 - 2.6.2 General Atomics Predator B UAS
 - 2.6.3 Military Unmanned Aerial Systems (UAS)
 - 2.6.4 Unmanned Aerial Systems (UAS) Market Shares
 - 2.6.5 Unmanned Aircraft Market Forecasts
 - 2.6.6 Unmanned Aerial Systems (UAS), Market Total Forecasts
- 2.7 Cleaning Robot / Home Robot Market Driving Forces
 - 2.7.1 Cleaning Robotics Market Driving Forces
 - 2.7.2 Cleaning Robot Market Driving Forces
 - 2.7.3 Cleaning Robot Markets
 - 2.7.4 Cleaning Robot Market Shares
 - 2.7.5 Household Vacuum, Pool Cleaner, and Gutter Robot Cleaner Market Forecasts
 - 2.7.6 Vacuum Cleaner Robot Markets
 - 2.7.7 Vacuum Cleaner Robot Market Shares
- 2.8 Medical Robots
 - 2.8.1 CT Scanning and Radiation Therapy Delivery:
 - 2.8.2 Image-Guided Radiation Therapy (IGRT)
 - 2.8.3 Radiotherapy Treatment Machines
 - 2.8.4 Three-Dimensional (3D) Printing Technology
 - 2.8.5 Genetic Robots Made With 3D Printing Without A Human Designer

- 2.8.6 Super Cheap DNA Printer
- 2.8.7 Remote Cardiac Monitoring for Telemedicine
- 2.8.8 Cardiac Event Recording Automated Transmission and Response
- 2.8.9 CaridoNet MCOT
- 2.8.10 LifeWatch Android-Based Smartphone
- 2.8.11 Sotera Wireless ViSi Mobile
- 2.8.12 Medtronic Enhanced SmartShock Technology Devices
- 2.8.13 Medtronic ICD Defibrillators
- 2.8.14 Telemedicine Carts And Remote Monitoring
- 2.8.15 Automatic Guided Vehicles for the Hospital & Healthcare Industry
- 2.8.16 Pharmacy Robotic Automation Market
- 2.8.17 Mobile Health Consumer Apps Market
- 2.8.18 eCaring CareTracker
- 2.8.19 Aethon
- 2.8.20 Robotic Cloud-Computing Infrastructure for Healthcare
- 2.8.21 Healthcare Smartphone-Based Robots
- 2.9 Surgical Robots
 - 2.9.1 Surgical Robot Market Driving Forces
 - 2.9.2 Robotics Market Driving Forces
 - 2.9.3 Healthcare Robotics Enabling Technology
 - 2.9.4 Robotic-Assisted Minimally Invasive Surgery Market
 - 2.9.5 Robotic-Assisted Minimally Invasive Surgery Market Shares
 - 2.9.6 Intuitive Surgical Robotics da Vinci Surgical System
 - 2.9.7 Intuitive Surgical
 - 2.9.8 Intuitive Surgical da Vinci Surgical System U.S. Procedures
 - 2.9.9 Hansen Medical
 - 2.9.10 Curexo Robodoc
 - 2.9.11 iRobot and InTouch Health
 - 2.9.12 MAKO Surgical
 - 2.9.13 Accuray
 - 2.9.14 Accuray Q3 FY 2012 Results
- 2.10 Robot Car and Truck Markets
 - 2.10.1 Robot Car and Truck Market Driving Forces
 - 2.10.2 Robot Car and Truck Market Leaders
 - 2.10.3 Robot Car and Truck Market Forecasts
 - 2.10.4 Automotive Market Discussion
 - 2.10.5 Discussion of Various Size Military Robot Market Strengths and Challenges
- 2.11 Rehabilitation Robots, Active Prostheses, and Exoskeletons
 - 2.11.1 Walking Assistive Robots And Exoskeletons

- 2.11.2 Exoskeleton-Based Rehabilitation
- 2.11.3 Rehabilitation Robot Market Driving Forces
- 2.11.4 Rehabilitation Robot And Motorized CPM Equipment
- 2.11.5 Chattanooga Active-K CPM (Continuous Passive Motion), CAM therapy (Controlled Active Motion) and the onboard protocols
- 2.11.6 Rehabilitation Robot Medical Conditions Treated
- 2.11.7 Rehabilitation Therapy Robotics Market
- 2.11.8 Robotic Modules for Disability Therapy
- 2.11.9 Wearable Robotics for Disability Therapy
- 2.11.10 Rehabilitation Robots Leverage Principles Of Neuroplasticity
- 2.11.11 Rehabilitation Robot Market Shares
- 2.11.12 Rehabilitation Robot Market Forecasts
- 2.11.1 Rehabilitation Robot Medical Conditions Treated
- 2.11.2 Robotic Modules for Disability Therapy
- 2.11.3 Wearable Robotics for Disability Therapy
- 2.11.4 Rehabilitation Robots Leverage Principles Of Neuroplasticity
- 2.12 Agricultural Robots
 - 2.12.1 Agricultural Robot Market Shares
 - 2.12.2 Lely Group Strengths, Challenges, and Revenue
 - 2.12.3 Use Of Standard Industrial Robots In Agriculture
 - 2.12.4 Kuka
 - 2.12.5 Fanuc
 - 2.12.6 Agrobot High Value Crop Robotic Automation
 - 2.12.7 John Deere Autonomous Tractors
 - 2.12.8 Harvest Automation
 - 2.12.9 Vision Robotics
 - 2.12.10 High Value Fruit Crops: Strawberries
 - 2.12.11 Nursery And Garden Products
 - 2.12.12 Ornamental Plant Markets
 - 2.12.13 Golf courses Robotic Mowing
 - 2.12.14 Crop Dusting With Remote-Controlled Helicopters
 - 2.12.15 Distributed Robotics Garden
 - 2.12.16 Cultibotics
 - 2.12.17 Robot Vision Pruning Systems
 - 2.12.18 Agricultural Robot Market Forecasts
 - 2.12.19 Robot Market Segments
 - 2.12.20 Cost Structures and Roles of Robots
- 2.13 Nuclear Robots Leverage Rapid Safe Response
 - 2.13.1 Nuclear Response Robot Market Driving Forces

- 2.13.2 Nuclear Response Robot Market Shares
 - 2.13.3 Selected Leading Nuclear First Responder Robots
 - 2.13.4 Energid / Mitsubishi Next-Generation Robot for Nuclear Power Plant Heat Exchanger Tube Inspection
 - 2.13.5 Northrop Grumman
 - 2.13.6 Nuclear Robot Market Forecasts
 - 2.14 Snake Robots Markets
 - 2.14.1 Snake Robot Market Driving Forces
 - 2.14.2 Snake Robots Market Shares
 - 2.14.3 Snake Robot Market Forecasts
 - 2.14.4 Snake Robots Market Industry Segments
 - 2.15 Robot Regional Analysis
 - 2.15.1 Production of Robotics in China
 - 2.15.2 Chinese Machinery
 - 2.15.3 Robots in Africa
- ROBOT PRODUCT EXECUTIVE SUMMARY Robot Market Driving Forces**

3. ROBOTIC PRODUCT DESCRIPTION

- 3.1 Robotic Manufacturing Equipment
 - 3.1.1 ABB
 - 3.1.2 Kawasaki Robotics
 - 3.1.3 Fanuc
 - 3.1.4 Yaskawa Motoman 3673.2 ABB
- 3.2 ABB Addresses Demand for Power Distribution Systems And Equipment
 - 3.2.1 ABB Addresses Demand for Power Distribution Systems And Equipment
 - 3.2.2 ABB Addresses Major Trends In Industry Robotics
- 3.3 Kawasaki Robotics
- 3.4 Fanuc
- 3.5 Yaskawa Motoman
- 3.6 Kuka Robots
 - 3.6.1 Kuka Customer Production Focus
- 3.7 Denso Wave
- 3.8 Staubli Robotics: Innovative SCARA and 6-Axis Robots And Software Solutions
- 3.9 Logistics Services Robots
 - 3.9.1 Amazon Kiva Mobile-Robotic Fulfillment System
 - 3.9.2 Swisslog WarehouseRunner for Storage and Retrieval: Increase Efficiency Throughout the Warehouse
 - 3.9.3 C&D Robotics ATL Automatic Truck Loading
 - 3.9.4 Motoman Robotic Truck Unloading and Mixed-Case Depalletizing

- 3.9.5 Yaskawa Motoman Packaging
- 3.9.6 Yaskawa Motoman Palletizing
- 3.10 Military Robot Systems of Engagement
 - 3.10.1 Military Robots Delivering Offensive and Defensive Capabilities to Combat Teams
 - 3.10.2 Selected Leading Military Robots
 - 3.10.3 Northrop Grumman
 - 3.10.4 Northrop Grumman Cutlass
 - 3.10.5 Northrop Grumman Mini-ANDROS II
 - 3.10.6 Military Ground Robot Market Forecasts
- 3.11 iRobot
 - 3.11.1 iRobot 510 PackBot for EOD Technicians
 - 3.11.2 iRobot PackBot 510 for Infantry Troops
 - 3.11.3 iRobot PackBot 510 for Combat Engineers
 - 3.11.4 iRobot 710 Warrior
 - 3.11.5 iRobot 110 FirstLook
 - 3.11.6 iRobot SUGV
 - 3.11.7 iRobot 1KA Seaglider
 - 3.11.8 iRobot Defense and Security
- 3.12 Northrop Grumman
 - 3.12.1 Northrop Grumman CUTLASS
- 3.13 Homeland Security Robots
- 3.14 General Dynamics Robotic Systems
 - 3.14.1 General Dynamics Mobile Detection
 - 3.14.2 General Dynamics Tactical Autonomous Combat – Chassis (TAC - C)
- 3.15 Vacuum and Household Cleaning Robots
- 3.16 iRobot Roomba
 - 3.16.1 iRobot Home Cleaning Robots
 - 3.16.2 iRobot Real World Environment Dynamic Robotic Operations
 - 3.16.3 IRobot Allows Users To Interact And Instruct Movement In Intuitive Ways
 - 3.16.4 iRobot Products For Home Cleaning
- 3.17 Matsutek
- 3.18 Yujin Robotics
 - 3.18.1 Yujin Robotic Vacuum Cleaner
- 3.19 Samsung VC-RM72VR Dual CPU Automatic Robot Vacuum
 - 3.19.1 Samsung Robot Vacuum Navigation Research
- 3.20 LG Hom-Bot
- 3.21 Home, Pool, and Gutter Cleaning Robot Products
- 3.22 Robotic Surgery Medical Robots

- 3.22.1 Robot-Assisted Surgery
- 3.23 Intuitive Surgical Robotics da Vinci Surgical System
 - 3.23.1 Intuitive Surgical
 - 3.23.2 Restoration Robotics
- 3.24 Hansen Medical
- 3.25 Curexo Robodoc
- 3.26 MAKO Surgical
- 3.27 Blue Belt Technologies
- 3.28 Accuray
- 3.29 Restoration Robotics
- 3.30 Titan Robot
 - 3.30.1 Titan Robot
- 3.31 Telemedicine
- 3.32 iRobot and InTouch Health
- 3.33 Global Med Telehealth: Benefits of Video Conferencing
 - 3.33.1 GlobalMed Telemedicine Products | Telehealth Equipment | Medical Technology
 - 3.33.2 GlobalMed Telemedicine Carts | Telehealth Carts
 - 3.33.3 GlobalMed i8500 Mobile Telemedicine Station
 - 3.33.4 GlobalMed TES (Transportable Exam Station)
 - 3.33.5 GlobalMed FirstExam Mobile Telemedicine Station
 - 3.33.6 GlobalMed TotalExam HD Examination Camera
 - 3.33.7 GlobalMed Diagnostic Imaging | Medical Imaging
- 3.34 Bosch Healthcare Telemedicine Solutions
 - 3.34.1 Bosch Healthcare, Bosch Telemedicine and Care Solutions
 - 3.34.2 Bosch Healthcare Supports Independent Living At Home
 - 3.34.3 Bosch Telemedicine Solutions
 - 3.34.4 Bosch Telemedicine Provides Daily Care for Patients with Chronic Conditions
 - 3.34.5 Bosch Devices for Patients with Diabetes
 - 3.34.6 Bosch Health Buddy Decision Support Tools
 - 3.34.7 Bosch Patient Support System
- 3.35 Siemens / Kuka Robotic xRay System
- 3.36 Kuka Positioning for Service Robot Industry
 - 3.36.1 Kuka Strategy for Medical Robots
- 3.37 Metra Labs Mobile Robot
- 3.38 Medical Logistics Robots
- 3.39 Aethon TUG Medical Logistics Robots
- 3.40 iRobot and Cisco Remote Presence Robot
- 3.41 Personal and Educational Robots

- 3.42 Unbounded Robotics
- 3.43 Robotic Entertainment Systems
- 3.44 Rehabilitation Robots, Active Prostheses, and Exoskeleton Products
 - 3.44.1 Stroke
 - 3.44.2 Early Rehab After Stroke
 - 3.44.3 Multiple sclerosis
 - 3.44.4 Knee-Replacement Surgery
 - 3.44.5 Hip
 - 3.44.6 Gait Training
 - 3.44.7 Sports Training
 - 3.44.8 Severe Injury or Amputation
 - 3.44.9 Neurological Disorders
 - 3.44.10 Recovery After Surgery
 - 3.44.11 Gait Training Devices / Unweighting Systems
 - 3.44.12 Neuro-Rehabilitation
 - 3.44.13 Prostheses
 - 3.44.14 Motorized Physiotherapy CPM (Continuous Passive Motion), CAM Therapy (Controlled Active Motion) and the Onboard Protocols
 - 3.44.15 Gait Training Devices / Unweighting Systems / Automated Treadmills
- 3.45 Hocoma Products
 - 3.45.1 Hocoma's Lokomat Gait Orthosis Automates Locomotion Therapy On A Treadmill
 - 3.45.2 Hocoma Rehabilitation Robotics
 - 3.45.3 Hocoma Lokomat Robotic Gait-Training Device Aims To Change The Part Of The Brain That Controls Motor Function
 - 3.45.4 Hocoma Lokomat Functional Electrical Stimulation
 - 3.45.5 Hocoma Lokomat Advanced Motion Analysis
 - 3.45.6 Hocoma ArmeoSpring Based On An Ergonomic Arm Exoskeleton
- 3.46 Biodex Unweighting Systems
- 3.47 Honda Gait Training
- 3.48 Ekso Bionics
 - 3.48.1 Ekso Bionics HULC Technology Licensed to the Lockheed Martin Corporation
 - 3.48.2 Ekso Bionics Regional Presence
 - 3.48.3 Ekso Gait Training Exoskeleton Uses
 - 3.48.4 Ekso Bionics Robotic Suit Helps Paralyzed Man Walk Again
- 3.49 Wearable Robots:
- 3.50 Autonomous Vehicles / Robot Cars
 - 3.50.1 Robot Cars And Trucks Global Markets
 - 3.50.2 Robot Cars And Trucks Operations And Performance

- 3.50.3 Robot Cars And Trucks Business and Technology Trends
- 3.50.4 Wireless Car Charging
- 3.50.5 Vehicle Sharing
- 3.51 General Dynamics Robotic Systems
 - 3.51.1 General Dynamics Mobile Detection
 - 3.51.2 General Dynamics Tactical Autonomous Combat – Chassis (TAC - C)
- 3.52 Northrop Grumman
 - 3.52.1 Northrop Grumman Cutlass
 - 3.52.2 Northrop Grumman Mini-ANDROS II
- 3.53 IBM
 - 3.53.1 IBM / Ford Automotive Vehicle System M2M
 - 3.53.2 IBM / Ford
 - 3.53.3 Ford Leveraging IBM Partnership, Using Sensors
 - 3.53.4 IBM Smarter Planet Strategy
- 3.54 Ford Self Driving Car
 - 3.54.1 Ford Robotic Auto Control System
 - 3.54.2 Ford Robotically Controlled Vehicles On Test Track
- 3.55 Toyota Production LS 2013 Model Self-Driving Tools Technology
- 3.56 Hyundai Genesis Smart Cruise Control
- 3.57 Nissan
- 3.58 BMW
- 3.59 Daimler AG / Mercedes-Benz Self Driving Car
- 3.60 GM Chevrolet Impala 2014
- 3.61 Kairos Autonomi Pronto4
- 3.62 Google
 - 3.55.1 Google Self-Driving Car
 - 3.55.2 Google Self-Driving Car from Auto Components
- 3.63 Humanoid Robot
- 3.64 Honda Motor ASIMO Humanoid Robot
- 3.65 Kawada Industries Robotics Humanoid
- 3.66 Vecna Bear Robot
- 3.67 Agricultural Robots
 - 3.67.1 Farm Bots Pick, Plant and Drive
 - 3.67.2 Relying On Illegal Immigrants Can Be A Legal Liability
 - 3.67.3 Nursery & Greenhouse Sector
 - 3.67.4 Harvest Automation Labor Process Automation
 - 3.67.5 The Growing Season Is Also Shipping Season
 - 3.67.6 Improving Nursery Efficiency
 - 3.67.7 Small Mobile Robot for Plants and Shrubs

- 3.67.8 Producers Seek To Improve Operations
- 3.67.9 Increasing Cows Days Of Grazing
- 3.67.10 cRops (Clever Robots for Crops) Robots To Harvest High Value Crops
- 3.67.11 European Union Seventh Framework Program
- 3.68 Strawberries
 - 3.68.1 Strawberries in the US
- 3.69 John Deere Autonomous Tractor
 - 3.69.1 John Deere Crop Spraying
- 3.70 Kuka
 - 3.70.1 Kuka Robots in the Food Processing Industry
- 3.71 FANUC
 - 3.71.1 Fanuc Vegetable Sorting Robot
 - 3.71.2 FANUC Robodrill DiA5 Series
- 3.72 ABB Robots
 - 3.72.1 ABB Symphony Plus
- 3.73 Yaskawa
 - 3.73.1 Yaskawa Industrial AC Drives 1/8 thru 1750 Horsepower
 - 3.73.2 Yaskawa Specialty Pump Drives 3/4 thru 500 Horsepower
 - 3.73.3 Yaskawa Servo Systems and Motion Controllers
 - 3.73.4 Motoman Robot Handling and Palletizing Bags of Livestock Feed
 - 3.73.5 Motoman Agriculture Robotics Palletizing Bags Solution
 - 3.73.6 Motoman Robotics Robot Palletizing Bags Fixtures / Tooling Details
 - 3.73.7 Motoman Grain Bin Dryer Fan Wheels
 - 3.73.8 Motoman Robotics Fixtures/Tooling Details
 - 3.73.9 Motoman Irrigation Pipe
 - 3.73.10 Motoman Robotics Fixtures/Tooling Details
 - 3.73.11 Motoman Equipment
 - 3.73.12 Motoman Robotics Fixtures/Tooling Details
 - 3.73.13 Motoman Round Baler Pickup Frames for Equipment
 - 3.73.14 Motoman Robotics Fixtures/Tooling Details
 - 3.73.15 Motoman Skid Steer Loader Mount Plates
 - 3.73.16 Motoman Bags of Livestock Feed
 - 3.73.17 Motoman Robotics Fixtures/Tooling Details
- 3.74 Harvest Automation
 - 3.74.1 Harvest Automation Technology
 - 3.74.2 Harvest Automation Behavior-Based Robotics
- 3.75 Robotic Harvesting
 - 3.75.1 Robotic Harvesting Strawberry Harvester
- 3.76 Agrobot SW 6010

- 3.76.1 Agrobot AGB: Harvesting High Level System
- 3.76.2 Agrobot AG Vision
- 3.77 Blue River Technology
 - 3.77.1 Blue River Precision Lettuce Thinning - 40/42" Beds
 - 3.77.2 Blue River Precision Lettuce Thinning - 80/84" Beds
 - 3.77.3 Lettuce Bot, Blue River Technology
- 3.78 cRops (Clever Robot for Crops)
 - 3.78.1 cRops European Project, Made Up Of Universities And Labs
- 3.79 Jaybridge Robotics Agriculture
 - 3.79.1 Jaybridge Robotics Kinze Partnering, Autonomous Vehicle Row Crop Harvesting
 - 3.79.2 Jaybridge Software Expertise
- 3.80 Tractor Harvesting
- 3.81 iRobot's Automatic Lawn Mower
- 3.82 MIT Autonomous Gardener Equipment Mounted On The Base of a Roomba
- 3.83 Carnegie Mellon University's National Robotics Engineering Center
 - 3.83.1 Carnegie Mellon. Self-Guided Farm Equipment
- 3.84 Shibuya Seiko Co.
 - 3.84.1 Shibuya Seiko Co. Strawberry Picking Robot
 - 3.84.2 Shibuya Seiko Robot Can Pick Strawberry Fields
- 3.85 Vision Robotics
 - 3.85.1 Vision Robotics Automated Tractors
- 3.86 Australian Centre for Field Robotics Herder Robot
 - 3.86.1 Robotic Rover Herds Cows
- 3.87 Lely Automatic Milking Robots
 - 3.87.1 Lely Astronaut Milking Robots
 - 3.87.2 Lely Concept and Management
 - 3.87.3 Lely Correct Feed Management
 - 3.87.4 Lely Large Dairy Farms
 - 3.87.5 Lely Milk Robots At Large Dairy Farms
 - 3.87.6 Lely Free Cow Traffic
- 3.88 Yamaha Crop Dusting Drones
- 3.89 Snake Robots

4 ROBOT TECHNOLOGY

- 4.1 Nanotechnology
- 4.2 Sensor Technology
 - 4.2.1 Robot System Architecture

- 4.2.2 Automation Technology Replaces Manual Labor Tasks
- 4.2.3 Behavior-Based Robotics
- 4.2.4 Proprietary Sensor Technology
- 4.2.5 System Design & Architecture
- 4.3 Welding Robots
- 4.4 Material Handling Robots:
- 4.5 Plasma Cutting Robots:
- 4.6 Robotics and Automation Scope:
 - 4.6.1 IEEE Standards Initiatives
 - 4.6.2 Delft Robotics Institute
- 4.7 Robotics and Automation
- 4.8 An Electronic System Improves Different Agriculture Processes

5 ROBOT COMPANY DESCRIPTION

- 5.1 ABB Robotics
 - 5.1.1 ABB Revenue
 - 5.1.2 ABB Strategy
 - 5.1.3 ABB Global Leader In Power And Automation Technologies
 - 5.1.4 ABB and IO Deliver Direct Current-Powered Data Center Module
 - 5.1.5 ABB / Validus DC Systems DC Power Infrastructure Equipment
 - 5.1.6 ABB Technology
 - 5.1.7 ABB Global Lab Power
 - 5.1.8 ABB Global Lab Automation
- 5.2 Accuray
 - 5.2.1 Accuray Products
 - 5.2.2 Accuray CyberKnife System
 - 5.2.3 Accuray Strategy
 - 5.2.4 Accuray International Presence
 - 5.2.5 Accuray Competition
 - 5.2.6 Accuray Revenue
 - 5.2.7 Accuray Installed Base
 - 5.2.8 New Data Validates CyberKnife SBRT for Prostate Cancer Treatment
- 5.3 Aethon
- 5.4 Agrobot
 - 5.4.1 Agrobot Innovation and Technology for Agribusiness
- 5.5 Allen Vanguard
 - 5.5.1 Allen Vanguard Rapid Development
- 5.6 Audi

- 5.6.1 Audi Gets The Second Driverless Car Permit In Nevada
- 5.7 BAE Systems
- 5.8 Blue Belt Technologies.
- 5.9 Blue River Technology
 - 5.9.1 Blue River / Khosla Ventures
- 5.10 Bosch Group
 - 5.10.1 Evatran Group Plugless Sales Go Live with Bosch
 - 5.10.2 Bosch Business Overview
 - 5.10.3 Bosch Group Reorganized Its Business Sectors
 - 5.10.4 Bosch Consumer Goods sales
 - 5.10.5 Bosch Automotive Technology sales
 - 5.10.6 Bosch Industrial Technology Sales
 - 5.10.7 Bosch Group
 - 5.10.8 Bosch Healthcare Supports Independent Living At Home
 - 5.10.9 Bosch Security Systems Division
 - 5.10.10 Robert Bosch Healthcare
 - 5.10.11 Robert Bosch Remote Patient Monitoring
 - 5.10.12 Bosch Healthcare Telehealth Systems
 - 5.10.13 Bosch Healthcare Health Buddy System
 - 5.10.14 Bosch Addresses Role of Compliance in Telehealth Adoption
 - 5.10.15 Bosch North America Veterans Health Administration
 - 5.10.16 Bosch / VRI
 - 5.10.17 Bosch Healthcare and GreatCall Partnership
 - 5.10.18 Bosch Healthcare - Telehealth And Care Solutions Join To Become The Leading Provider Of Health, Safety, And Communication
 - 5.10.19 Bosch Group and Health Hero Network
- 5.11 BMW
 - 5.11.1 BMW Strategy
 - 5.11.2 BMW Revenue
- 5.12 Buick Group
- 5.13 Chrysler / Dodge
 - 5.13.1 Chrysler Revenue
- 5.14 Daimler AG / Mercedes-Benz
 - 5.14.1 Daimler AG Revenue
- 5.15 Denso Wave
- 5.16 ECA Robotics
- 5.17 Elbit Systems
 - 5.17.1 Elbit Systems Principal Market Environment
 - 5.17.2 Elbit Systems

- 5.17.3 Elbit Systems Principal Market Environment
- 5.18 Evatran Group
- 5.19 Exogenesis
 - 5.19.1 Exogenesis Technology
- 5.20 Fanuc
 - 5.20.1 FANUC Corporation
 - 5.20.2 Fanuc Revenue
- 5.21 Ford / Lincoln
 - 5.21.1 Ford Business
 - 5.21.2 Ford Motor Vehicle Fuel Economy
 - 5.21.3 Ford Revenue
- 5.22 General Dynamics
 - 5.22.1 Sequester Mechanism
 - 5.22.2 General Dynamics Revenue
 - 5.22.3 General Dynamics Robotic Systems
 - 5.22.4 General Dynamics Robotic Systems (GDRS) Vision
 - 5.22.5 General Dynamics Robotic Systems (GDRS) Manufacturing
 - 5.22.6 General Dynamics Autonomous Land And Air Vehicle Development
- 5.23 General Electric
 - 2.1.1 GE Unmanned Aircraft
 - 2.1.2 GE Supports Innovation
 - 2.1.3 GE Energy –
 - 2.1.4 GE Energy
 - 2.1.5 General Electric Company Energy Infrastructure Revenues
 - 2.1.6 GE Total Revenue
 - 2.1.7 General Electric Geographic Revenues
 - 2.1.8 GE and Goteborg Energi
 - 2.1.9 GE's 4.1-113 Wind Turbine
 - 2.1.10 General Electric Offers Wind Turbine Customers Clean Energy From Solar Panels
 - 2.1.11 GE U.S. Wind Crash
 - 2.1.12 GE Technology to Boost the Output of NextEra Energy Resources' U.S. Fleet of Wind Turbines
 - 2.1.13 GE Energy Financial Services
 - 5.23.1 GE Intelligent Platforms
- 5.24 Google
 - 5.24.1 Google / Boston Dynamics
 - 5.24.2 Boston Dynamics
 - 5.24.3 Boston Dynamics LS3 - Legged Squad Support Systems

- 5.24.4 Boston Dynamics CHEETAH - Fastest Legged Robot
- 5.24.5 Boston Dynamics Atlas - The Agile Anthropomorphic Robot
- 5.24.6 Boston Dynamics BigDog
- 5.24.7 Boston Dynamics LittleDog - The Legged Locomotion Learning Robot
- 5.24.8 Google Robotic Division
- 5.24.9 Google Self-Driving Car
- 5.24.10 Google Cars Address Vast Majority Of Vehicle Accidents Due To Human Error
- 5.24.11 Google Business
- 5.24.12 Google Corporate Highlights
- 5.24.13 Google Search
- 5.24.14 Google Revenue
- 5.24.15 Google Second Quarter 2013 Results
- 5.24.16 Google Revenues by Segment and Geography
- 5.24.17 Google / Motorola Headcount
- 5.24.18 Google / Motorola
- 5.25 Hansen Medical
 - 5.25.1 Hansen Medical Sensei System
 - 5.25.2 Hansen Medical Magellan Robotic System
 - 5.25.3 Hansen Medical Competition
 - 5.25.4 Hansen Medical Revenue
 - 5.25.5 Hansen Medical Business
 - 5.25.6 Accuray 2013 First Quarter Financial Results
- 5.26 Harvard Robobee
 - 5.26.1 Harvard Robobee Funding
 - 5.26.2 Harvard Robobee Main Area Of Research
 - 5.26.3 Harvard Robobee OptRAD is Used as an Optimizing Reaction-Advection-Diffusion System
 - 5.26.4 Harvard Robobee The Team
- 5.27 Harvest Automation
 - 5.27.1 Harvest Automation Ornamental Horticulture
 - 5.27.2 Harvest Automation M Series C Financing
 - 5.27.3 Harvest Robotic Solutions
 - 5.27.4 Harvest Automation Robots
- 5.28 GM / Cadillac
 - 5.28.1 GM Business
 - 5.28.2 GM Strategy
 - 5.28.3 GM Revenue
- 5.29 Honda
- 5.30 Hyundai

5.31 InTouch Health

5.32 Intuitive Surgical

5.32.1 Intuitive Surgical Robotics da Vinci Surgical System

5.32.2 Intuitive Surgical Business Strategy

5.32.3 Intuitive Surgical Products

5.32.4 Intuitive Surgical Patient Value As Equal To Procedure Efficacy / Invasiveness

5.32.5 Intuitive Surgical Business Model

5.32.6 Intuitive Surgical Revenue

5.32.7 Intuitive Surgical Regulatory Activities

5.32.8 Intuitive Surgical Economic Environment.

5.32.9 Intuitive Surgical da Vinci Si Surgical System Market Acceptance

5.32.10 Intuitive Surgical Technology and Acquisitions

5.33 iRobot

5.33.1 iRobot Home Robots:

5.33.2 iRobot Defense and Security: Protecting Those in Harm's Way

5.33.3 iRobot Role In The Robot Industry

5.33.4 iRobot SPARK (Starter Programs for the Advancement of Robotics Knowledge)

5.33.5 iRobot Revenue

5.33.6 iRobot Acquires Evolution Robotics, Inc.

5.33.7 iRobot / Evolution Robotics

5.33.8 iRobot Strategy

5.33.9 iRobot Technology

5.34 Kawada Industries

5.35 Kawasaki Robotics

5.36 Kongsberg

5.36.1 Kongsberg Defence Systems Revenue

5.34 Kuka

5.34.4 Kuka Revenue

5.34.5 Kuka Competition

5.34.6 Kuka Innovative Technology

5.34.7 Kuka Well Positioned With A Broad Product Portfolio In Markets With Attractive

Growth Prospects

5.34.8 Kuka Strategy

5.34.9 Kuka Corporate Policy

5.34.10 Kuka Customers

5.35 Lely

5.35.1 Lely Revenue

5.35.2 Lely / Astronaut

5.37 Lockheed Martin

- 5.37.1 Lockheed Martin Symphony Improvised Explosive Device Jammer Systems
- 5.37.2 Lockheed Martin Aeronautics Revenue
- 5.37.3 Lockheed Martin Electronic Systems 1004
- 5.37.4 Lockheed Martin 1005
- 5.37.5 Lockheed Martin Revenue 1005
- 5.36 MAKO Surgical 1006
 - 5.36.1 Mako Surgical Business 1007
 - 5.36.2 Mako Products 1007
 - 5.36.3 Mako Surgical Strategy 1010
 - 5.36.4 Mako Surgical Revenue 1014
- 5.37 Medrobotics 1014
 - 5.37.1 Medrobotics Closes On \$10 Million Financing From Hercules 1015
 - 5.37.2 Medrobotics Several Generations Of Snake Robot Platforms 1016
 - 5.37.3 Medrobotics Advances Clinical Development of Snake Robot for Surgery 1017
 - 5.37.4 Medrobotics Positioning 1017
 - 5.37.5 Medrobotics Cardiac Surgery Gold Standard 1017
 - 5.37.6 Medrobotics Snake Robot Technologies For Use In A Wide Range Of Surgical And Interventional Applications 1019
 - 5.37.7 Medrobotics Technology & Research Center 1020
- 5.38 Mesa Robotics 1021
 - 5.38.1 Systems Development Division of Mesa Associates 1021
 - 5.38.2 Mesa Robotics Affordable Robotic Solutions 1023
 - 5.38.3 Mesa Robotics Revenue 1024
- 5.39 Mitsubishi 1025
- 5.40 Nissan 1025
 - 5.40.1 Nissan Revenue 1026
- 5.41 Northrop Grumman 1028
 - 5.41.1 Northrop Grumman Revenue 1029
 - 5.41.2 Northrop Grumman Remotec 1030
 - 5.41.3 Northrop Grumman Leading Global Security Company 1031
 - 5.41.4 Northrop Grumman Supplies Marine Navigation Equipment 1034
 - 5.41.5 Northrop Grumman Recognized by UK Ministry of Defense for Role in Supporting Sentry AWACS Aircraft During Military Operations in Libya 1035
 - 5.41.6 Northrop Grumman Corporation subsidiary Remotec Inc. upgrade the U.S. Air Force fleet of Andros HD-1 1035
 - 5.41.7 Northrop Grumman NAV CANADA Supplier 1036
- 5.42 Qualcomm 1037
 - 5.42.1 Qualcomm Business 1038
 - 5.42.2 QMC Offers Comprehensive Chipset Solutions 1038

- 5.42.3 Qualcomm Government Technologies 1039
- 5.42.4 Qualcomm Internet Services 1040
- 5.42.5 Qualcomm Ventures 1042
- 5.42.6 Qualcomm Revenue 1044
- 5.42.7 Qualcomm / WiPower 1045
- 5.42.8 Qualcomm Standardization Capabilities 1046
- 5.42.9 Qualcomm Regulatory and Compliance Capabilities 1046
- 5.43 QinetiQ 1047
 - 5.43.1 QinetiQ Comprised Of Experts 1047
 - 5.43.2 QinetiQ North America TALON Detects Deadly IEDs And Saves Lives 1047
 - 5.43.3 QinetiQ World-Leading Products: 1049
 - 5.43.4 QinetiQ Innovation 1050
 - 5.43.5 QinetiQ North America 1052
 - 5.43.6 QinetiQ Revenue 1053
 - 5.43.7 QinetiQ Vision 1059
 - 5.43.8 QinetiQ Mission 1059
 - 5.43.9 QinetiQ / Foster Miller 1059
 - 5.43.10 QinetiQ / Foster Miller Financial Position 1061
 - 5.43.11 QinetiQ North America Order for 100 Dragon Runner 10Micro Robots: 1063
 - 5.43.12 QinetiQ / Automatika 1065
 - 5.43.13 QinetiQ Customer Base 1066
- 5.44 Re2, Inc 1069
 - 5.44.1 Re Leading Developer 1072
 - 5.44.2 Re2 Forerunner High Speed Inspection Robot 1074
 - 5.44.3 Re2 ForeRunner RDV 1075
 - 5.44.4 Re2 HST - High-Speed Teleoperation 1075
- 5.45 ReconRobotics 1076
 - 5.45.1 ReconRobotics Tactical, Micro-Robot Systems 1077
- 5.46 ReWalk Robotics 1078
- Shibuya Seiki 1079
 - 5.47.1 Shibuya Kogyo Pharmaceutical Applications 1080
 - 5.47.2 Shibuya Kogyo Robotic System For Handling Soft Infusion Bags 1081
 - 5.47.3 Shibuya Kogyo Robotic Cell Culture System "CellPRO" 1082
 - 5.47.4 Shibuya Kogyo Robotic System For Leaflet & Spoon Placement 1082
 - 5.47.5 Shibuya Kogyo Robotic Collating System 1084
 - 5.47.6 Shibuya Kogyo Automated Aseptic Environmental Monitoring System 1085
- 5.48 Staubli 1086
 - 5.48.1 Staubli Industrial Robots 1087
 - 5.48.2 Staubli Controllers 1087

- 5.48.3 Staubli Software 1087
- 5.49 Telerob 1088
 - 5.49.1 Telerob 1088
- 5.50 Thales Group 1089
 - 5.50.1 Thales Core Businesses 1089
 - 5.50.2 Thales: - A Global Player 1089
 - 5.50.3 Thales Revenue 1091
 - 5.50.4 Thales Key Technology Domains 1092
 - 5.50.5 Thales Open Research 1092
 - 5.50.6 Thales Stance on Environment 1093
 - 5.50.7 Thales Processes 1093
 - 5.50.8 Thales Product Design 1093
 - 5.50.9 Thales Site Management 1093
 - 5.50.10 Thales Alenia Space Integration Of Service Module For The Fourth ATV 1094
 - 5.50.11 Thales Sonar 'Excels' In Anti-Submarine Warfare Exercise 1096
 - 5.50.12 Thales Group Ground Alerter 10 1097
 - 5.50.13 Thales Group Ground Master 400 (GM 400) 1098
 - 5.50.14 Thales / Raytheon Systems Ground Master 400 1099
 - 5.50.15 Thales Group Ground Smarter 1000 1100
 - 5.50.16 Thales Group 1101
- 5.51 Toyota / Lexus 1102
 - 5.51.1 Toyota 1103
 - 5.23.1 Toyota Avalon Wireless Charging Pad 1103
 - 5.23.2 Toyota / Lexus 1106
 - 5.23.3 Toyota Revenue 1108
- 5.52 Vecna Technologies 1108
- 5.53 Volkswagen 1109
 - 5.53.1 Volkswagen Revenue and Shipments 1109
 - 5.53.2 Volkswagon Brands 1112
 - 5.53.3 Porsche SE 1113
- 5.54 Volvo 1114
 - 5.54.1 Volvo Revenue 1114
- 5.55 Visteon 1115
 - 5.55.1 Visteon Competition 1117
 - 5.55.2 Visteon Revenue 1118
- 5.56 WiTricity 1119
- 5.57 Yamaha 1121
- 5.58 Yaskawa 1124
 - 5.58.1 Yaskawa Revenue 1124

- 5.58.2 Yaskawa Business 1125
- 5.58.3 Yaskawa Electric Motion Control 1127
- 5.58.4 Yaskawa Electric Robotics 1127
- 5.58.5 Yaskawa Electric System Engineering 1127
- 5.58.6 Yaskawa Electric Information Technology 1127
- 5.58.7 Yaskawa / Motoman 1128
- 5.58.8 Yaskawa Motoman 1128
- 5.59 Vecna Technologies 1129
 - 5.59.1 Vecna Telemedicine 1133
- 5.60 Selected Military Robot Companies 1135
 - 5.60.1 Selected Robot Companies 1159

List Of Tables

LIST OF TABLES AND FIGURES

Figure ES-1 Agrobot Strawberry Picker

Table ES-2 Robots Poised To Change Economics

Table ES-3 Robots Bring A New Industrial Revolution

Table ES-4 Robot Market Driving Forces

Table ES-5 Robot Target Markets

Table ES-6 Robotic Trends

Table ES-7 Robotic Evolving Activities

Table ES-8 Market Forces for Modernization

Table ES-9 Robotics – State of the Art Advantages

Table ES-10 Robot Challenges

Figure ES-11 Robot Market Forecasts Dollars, Worldwide, 2014-2020

Figure ES-12 Robot Market Segments, Industrial, Warehouse Logistics, Cargo Unloading, Military, Medical, Surgical, Rehabilitation, Agricultural, Cleaning, Unmanned Aircraft, and other Forecasts, Dollars, Worldwide, 2014-2020³⁶

Table ES-13 Robotic Market Opportunity

Table ES-14 Robotic Market Challenges

Figure ES-15 JobNotion.com Open Source Community

Table 1-1 Aspects of Sector Modernization

Figure 1-2 Intuitive Surgical da Vinci Surgical System

Figure 1-3 Robotics Positioned To Meet The Increasing Demands For Food And Bioenergy

Figure 1-4 Autonomous Orchard Vehicle

Figure 1-5 Automated Picker Machine

Figure 1-6 Transformational Robots

Figure 1-7 Differences in Global Demand for Electrification Developed vs. Underdeveloped Economies

Table 1-8 Critical Capabilities In Robotics Needed To Take Robotics To The Next Level

Figure 1-9 Global Demand for Productivity and Energy Efficiency Driving Robot Markets

Figure 1-10 ABB Developed and Emerging Market Robot Perspective

Figure 2-1 Strawberry Picker

Table 2-2 Robots Poised To Change Market Segment Economics

Table 2-3 Robots Bring A New Industrial Revolution

Table 2-4 Robotic Market Opportunity

Table 2-5 Robotic Market Challenges

Table 2-6 Robotic Technical Challenges

Table 2-7 Robot Market Driving Forces

Table 2-8 Robot Target Markets

Figure 2-9 Robot Market Segments, Industrial, Warehouse Logistics, Cargo Unloading, Military, Medical, Surgical, Rehabilitation, Agricultural, Cleaning, Unmanned Aircraft, and other Forecasts, Dollars, Worldwide, 2014-202074

Figure 2-10 Robot Market Segments, Industrial, Warehouse Logistics, Cargo Unloading, Military, Medical, Surgical, Rehabilitation, Agricultural, Cleaning, Unmanned Aircraft, and other Forecasts, Dollars, Worldwide, 2014-202075

Table 2-11 Robotic Trends

Figure 2-12 Multiple Small Intelligent Machines Replace Large Manned Tractors

Figure 2-13 JobNotion.com Open Source Community

Table 2-14 Significant Market Drivers For Industrial Robots

Figure 2-15 Manufacturing Robot Controllers

Figure 2-16 Kuka Positioning in Robotics and Systems

Figure 2-17 Industrial Robot Density

Figure 2-18 Market Potential for Industrial Robots

Figure 2-19 Articulated Robot Sales

Figure 2-20 Robot Density in Automotive and General Industry

Figure 2-21 Global Automotive Production

Figure 2-22 Robot Strategy: Increased Share In General Industry

Figure 2-23 Robotics Market Growing by 22,000 Units

Figure 2-24 Global Sales of Industrial Robots

Figure 2-25 Industrial Automation Market Opportunity

Table 2-26 Industrial Robot Market Shares, Dollars, Worldwide, 2013

Table 2-27 Industrial Robot Market Shares, Dollars, Worldwide, 2013

Table 2-28 Industrial Robot Market Forecasts, Worldwide, 2013

Table 2-29 Industrial Robot Market Forecasts, Units, Worldwide, 2014-2020

Figure 2-30 Robotics End User Trends

Figure 2-31 Services Robotic Broad Offerings

Table 2-32 Ship Container and Loading Dock Logistics Robot Benefits

Table 2-33 Logistics Robots Operational Effectiveness Of Warehouses And Distribution Centers Benefits

Table 2-34 Military Robotics Market Factors

Table 2-35 Military Robot Functions

Table 2-36 Military Robots Market Driving Forces

Figure 2-37 Military Ground Robot Market Shares, Dollars, Worldwide, 2013

Table 2-38 Military Ground Robot Market Shares, Dollars, Worldwide, 2013

Figure 2-39 Military Ground Robot Market Forecasts, Shipments, Dollars, Worldwide, 2013-2019

Table 2-40 Military Ground Robot Market Forecasts, Shipments, Dollars, Worldwide, 2013-2019

Table 2-41 Mini and Small Military Ground Robot Market Forecasts Units and Dollars, Worldwide, 2013-2019

Figure 2-42 Mid Size Military Ground Robot Market Forecasts Units and Dollars, Worldwide, 2013-2019

Table 2-43 Larger Military Ground Robot Market Forecasts Units and Dollars, Worldwide, 2013-2019

Table 2-44 UAS Features:

Figure 2-45 General Atomics Predator UAS

Table 2-46 U.S. Army's Predator Variant, the I-GNAT ER/Sky Warrior Alpha Features

Figure 2-47 General Atomics Predator B UAS

Table 2-48 Unmanned Aerial Systems Functions

Table 2-49 Unmanned Aerial Systems Features

Table 2-50 Unmanned Aerial Systems Mission Tasks

Table 2-51 Unmanned Aerial Systems (UAS) Benefits

Figure 2-52 Unmanned Aerial Systems (UAS) Market Shares, Dollars, 2013

Table 2-53 Unmanned Aerial Systems (UAS) Market Shares, Dollars, Worldwide, 2013

Figure 2-54 Unmanned Aerial Systems (UAS), Market Forecasts, Dollars, Worldwide, 2014-2017

Table 2-55 Cleaning Robotics Market Driving Forces

Table 2-56 Consumer Home Cleaning Product Development Challenges

Figure 2-57 Cleaning Robot Market Shares, Dollars, Worldwide, 2013

Table 2-58 Cleaning Robot Market Shares, Dollars, Worldwide, 2013

Figure 2-59 Vacuum Cleaner, Pool Cleaner, and Floor Washing Robot Market Forecasts, Dollars, Worldwide, 2012-2018

Figure 2-60 Cleaning Robot Market Shipment Forecasts, Dollars, Worldwide, 2014-2018

Table 2-61 Cleaning Robot Market Shipment Forecasts Units and Dollars, Worldwide, 2014-2018

Figure 2-62

Figure 2-63 Fraunhofer-Institut Genetic Robots

Figure 2-64

Figure 2-65 LifeWatch V, Android-Based Smartphone

Figure 2-66 Sotera Wireless ViSi Mobile

Figure 2-67 Medtronic Evera XT DR/VR

Figure 2-68 InTouch Health's Remote Presence Devices

Figure 2-69 JBT ATLIS (Automated Transport and Logistics Integration Systems) AGV

Figure 2-70 eCaring CareTracker

2-71 SURGICAL ROBOTICS MARKET DRIVING FORCES

Table 2-72 Healthcare Robotics Enabling Technologies

Table 2-73 Robotic-Assisted Minimally Invasive Surgery Market Driving Forces

Table 2-74 Types Of Procedures Performed Using Robotic Surgical System

Figure 2-75 Medical Surgical Robots Market Shares, Shipments, Dollars, Worldwide 2012

Table 2-76 Medical Surgical Robots Market Shares, Dollars, Worldwide, 2012

Table 2-77 Medical Surgical Robots Units and Installed Base, Units, Worldwide, 2012

Figure 2-78 Intuitive Surgical da Vinci Surgical System Worldwide Procedures

Figure 2-79 Intuitive Surgical da Vinci Surgical System Worldwide Installed Base

Table 2-80 Hansen Medical Sensei X Robotic Catheter System

Figure 2-81 Curexo Robodoc

Table 2-82 Robot Cars and Trucks Market Driving Forces

Table 2-83 Autonomous Vehicle Features Driving Adoption of Robotic Cars

Table 2-84 Leaders In Development of Robot Cars and Trucks

Figure 2-85 Robot Commercial Autonomous Car Market Shipments Forecasts Dollars, Worldwide, 2013-2019

Figure 2-86 Robot Commercial Autonomous Car Market Shipments Forecasts Dollars, Worldwide, 2013-2019

Table 2-87 Robot Car Shipments and Installed Base Compared to Electrical Vehicle Shipments and Installed Base Dollars and Units, Worldwide, 2013-2019

Table 2-88 Automotive Industry Market Factors

Table 2-89 Automotive Industry Limits On The Ability To Reduce Costs

Table 2-90 Electrical Vehicle Installed Base and Wireless Car Charging Shipments Dollars and Units, Worldwide, 2012-2019

Table 2-91 Electrical Vehicle Installed Base and Wireless Car Charging Shipments Dollars and Units, Worldwide, 2012-2019

Table 2-92 Electric Vehicle EV Market Forecasts, Units, Worldwide, 2013-2019

Table 2-93 Electrical Vehicle Shipments and Wireless Car Charging Market Penetration Dollars and Units, Worldwide, 2012-2019

Table 2-94 Rehabilitation Robot Target Markets

Table 2-95 Rehabilitation Robot Market Driving Forces

Table 2-96 Rehabilitation Robot Target Markets

Table 2-97 Health Care Conditions Treated With Rehabilitation Wearable Robotics

Table 2-98 Chattanooga Active-K Functions

Figure 2-99 DJO Chattanooga Active-K

Table 2-100 Rehabilitation Robot Medical Conditions Treated

Table 2-101 Rehabilitation Robot Medical Technology

Table 2-102 Health Care Conditions Treated With Rehabilitation Wearable Robotics

Table 2-103 Robotic Technologies Leverage Principles Of Neuroplasticity

Figure 2-104 Rehabilitation Robot Market Shares, Dollars, Worldwide, 2013

Figure 2-105 Rehabilitation Robot Market Forecasts Dollars, Worldwide, 2014-2020

Table 2-106 Rehabilitation Robot Medical Conditions Treated

Table 2-107 Rehabilitation Robot Medical Technology

Table 2-108 Health Care Conditions Treated With Rehabilitation Wearable Robotics

Table 2-109 Robotic Technologies Leverage Principles Of Neuroplasticity

Table 2-110 Agriculture Robotic Activities

Table 2-111 Market Forces for Modernization

Table 2-112 Agricultural Robotics – State of the Art Advantages

Table 2-113 Robot Challenges

Table 2-114 Agricultural Robot Target Markets

Figure 2-115 Agricultural Robot Market Shares, Dollars, Worldwide, 2013

Table 2-116 Robot Market Shares, Dollars, Worldwide, 2013

Table 2-117 Lely Group Robotic Strengths

Table 2-118 Lely Group Robotic Challenges

Figure 2-119 Agrobot Strawberry Picker

Figure 2-120 John Deere Autonomous Tractors

Figure 2-121 Harvest Automation Shrub Robot

Table 2-122 Harvest Automation Shrub Robot Features:

Table 2-123 Harvest Automation Shrub Robot Functions:

Table 2-124 Robots for Ornamental Plant Handling Benefits

Figure 2-125 UC Davis Using Yamaha Helicopter Drones For Crop Dusting

Figure 2-126 Yamaha Crop Duster

Figure 2-127 Distributed Robotics Garden

Figure 2-128 Modernized Agriculture Telegarden, As Installed At Ars Electronica

Figure 2-129 Agricultural Robot Market Forecasts Dollars, Worldwide, 2014-2020

Figure 2-130 Larger Agricultural and Planting Robot Market Forecasts Dollars, Worldwide, 2014-2020

Table 2-131 Robot Market Forecast, Shipments, Dollars, Worldwide, 2014-2020

Table 2-132 Robot Market Industry Segments, Cow Milking and Barn Systems, Strawberries and High Value Crops, Wheat, Rice, Corn Harvesting, Grape Pruning and Harvesting, Nursery Management, Golf Course and Lawn Mowing, Drone Crop Dusting Segments, Dollars, Worldwide, 2014-2020 274

Table 2-133 Robot Market Industry Segments, Cow Milking and Barn Systems, Strawberries and High Value Crops, Wheat, Rice, Corn Harvesting, Grape Pruning and Harvesting, Nursery Management, Golf Course and Lawn Mowing, Drone Crop Dusting

Segments, Percent , Worldwide, 2014-2020

Table 2-134 Voluntary Cow Traffic Benefits

Table 2-135 Cow Traffic System Cubicles ROI Metrics

Table 2-136 Lely Example of Herd Size and Robots / Farm Worker

Table 2-137 Roles of Robots

Figure 2-138 Cost Structures and Roles of Robots

Table 2-139 Nuclear Response Robotic Functions

Table 2-140 Nuclear Response Robots Market Driving Forces

Figure 2-141 Nuclear Response Robot Market Shares, Dollars, Worldwide, 2012

Table 2-142 Nuclear Response Robot Market Shares, Dollars, Worldwide, 2012

Figure 2-143 Energid / Mitsubishi Nuclear Robot

Figure 2-144 Nuclear Response Robot Market Forecasts, Shipments, Dollars, Worldwide, 2013-2019

Table 2-145 Nuclear Response Robot Market Forecasts Dollars, Worldwide, 2013-2019

Table 2-146 Nuclear Response Robot Market Forecasts Units, Worldwide, 2013-2019

Table 2-147 Snake Robot Market Driving Forces

Table 2-148 Confined Spaces That Need Snake Shapes To Achieve Access

Figure 2-Snake Robots Market Shares, Dollars, Worldwide, 2012

Figure 2-150 Snake Robots Market Shares, Dollars, Worldwide, 2012

Figure 2-151 Snake Robot Market Forecasts, Dollars, Worldwide, 2013-2019

Table 2-152 Snake Robot Markets, Dollars, Worldwide, 2013-2019

Figure 2-153 Robotic Regional Market Segments, 2013

Table 2-154 Robot Regional Market Segments, 2013

Figure ES-1 Agrobot Strawberry Picker

Table ES-2 Robot Market Driving Forces

Figure 3-1 Robot Based Assembly

Figure 3-2 Automotive Production Complexity

Table 3-3 Global Industrial Robotics Market Segmentation

Figure 3-4 ABB FlexPicker

Figure 3-5 ABB IRB 120

Figure 3-6 ABB Industrial Automation

Table 3-7 ABB Addresses Major Trends In Industry Robotics

Figure 3-8 Kawasaki Robot Types

Figure 3-9 FANUC Pick-And-Place Robot

Figure 3-10 Fanuc Robotic Manufacturing Technology

Figure 3-11 Robotic Manufacturing

Figure 3-12 Fanuc Robot Factories

Figure 3-13 Yaskawa Motoman Robots

Figure 3-14 Kuka Quantec

- Figure 3-15 Kuka Customer Production Focus
- Figure 3-16 Kuka Automotive Stages of Implementation
- Figure 3-17 Kuka US Auto Initiatives
- Figure 3-18 KukaSize and Versatility Advantages of Quantec Industrial Robot
- Figure 3-19 Kuka Product Strategy
- Figure 3-20 Kuka Line of Industrial Robots
- Table 3-21 Kuka Industrial Robot Innovations
- Table 3-22 Kuka Competitive Advantage
- Figure 3-23 Denso Wave Industrial Robot Categories
- Figure 3-24 Staubli 4-Axis And 6-Axis Robots
- 3.9 Logistics Services Robots
- Figure 3-25 Logistics Services Robot Hydraulic End Effector
- Figure 3-26 Hydraulic Power Units Deliver Controllable, Efficient Fluid Power
- Figure 3-27 Motoman Robots Pick, Pack, and Palletize
- Figure 3-28 Yaskawa Motoman Picking
- Figure 3-29 Yaskawa Motoman Packaging
- Figure 3-30 Yaskawa Motoman Palletizing
- Figure 3-31 Motoman Partners in Logistics and Warehousing
- Figure 3-32 Northrop Grumman Mini-ANDROS II
- Figure 3-33 iRobot 510PackBot for EOD Technicians
- Table 3-34 iRobot 510 PackBot for EOD Conventional Ordnance and SWAT Missions
- Figure 3-35 iRobot PackBot 510 for Infantry Troops
- Figure 3-36 iRobot PackBot 510 for Combat Engineers
- Table 3-37 iRobot 510 PackBot for Combat Engineers Tasks
- Figure 3-38 iRobot 710 Warrior
- Table 3-39 iRobot 710 Warrior Uses
- Figure 3-40 iRobot 110 FirstLook
- Figure 3-41 iRobot 110 Small, Light And Throwable FirstLook Uses
- Figure 3-42 iRobot SUGV
- Figure 3-43 iRobot SUGV Uses
- Figure 3-44 iRobot 1KA Seaglider
- Figure 3-45 iRobot 1KA Seaglider Uses
- Figure 3-46 General Dynamics TAC-C Robot
- Figure 3-47 Next-Generation General Dynamics Robots
- Table 3-48 iRobot Roomba 790 Specifications
- Table 3-49 iRobot Roomba 790 Vacuum Cleaning Robot Features
- Figure 3-50 iRobot on Google
- Figure 3-51 iRobot Use in Kitchen
- Figure 3-52 iRobot Use in Living Room

Figure 3-53 Matsutec Vacuum Robot
Figure 3-54 Matsutec Vacuum Robot Product Line
Table 3-55 Matsutec Smart Multi-Function Vacuum Cleaner With Remote Control
Table 3-55 Matsutec Smart Multi-Function Vacuum Cleaner With Remote Control
Figure 3-56 Matsutec Floor Cleaning Robot
Table 3-58 Yujin Robotic Vacuum Cleaner Features
Figure 3-59 Samsung VC-RM72VR Smart Tango Dual CPU Automatic Cleaner Super Slim Robot Vacuum
Figure 3-60 Samsung VC-RM96W Tango Robot Vacuum
Figure 3-61 Samsung Cleaning Robot Multiple Views
Figure 3-62 Samsung Cleaning Robot
Figure 3-63 Samsung Sensor Placement
Figure 3-64 LG Hom-Bot
Figure 3-65 LG Electronics Motor
Figure 3-66 LG Electronics Lithium Polymer Batteries
Figure 3-67 Robotic Surgical Images
Figure 3-68 Image Guided Surgical Research
Table 3-69 Hansen Medical Sensei X Robotic Catheter System
Figure 3-70 Curexo Robodoc
Figure 3-71 Restoration Robotics Fusion of Robotics and Digital Imaging
Figure 3-72 Titan Medical Novel robotic platform for Single Port Access Surgery
Figure 3-73 Titan Medical Amadeus Composer Surgical System
Figure 3-74 Titan Robot
Figure 2-75 Titan Medical Novel robotic platform for Single Port Access Surgery
Figure 2-76 Titan Medical Amadeus Composer Surgical System
Table 3-77 Titan Robot Flexibility And Open Architecture Functions
Figure 3-78 GlobalMed Telemedicine Carts
Figure 3-79 GlobalMed Telemedicine Carts Mobile Medical Stations
Figure 3-80 GlobalMed Telemedicine Cart | Mobile Medical Station
Figure 3-81 GlobalMed i8500 Teleaudiology Station
Figure 3-82 GlobalMed Telehealth Cameras
Figure 3-83 GlobalMed TotalExam HD Examination Camera
Figure 3-84 TotalExam Examination Camera
Figure 3-85 Bosch Health Buddy System
Table 3-86 Bosch Health Buddy System Components
Figure 3-87 Bosch Health Buddy Decision Support Dashboard and Heat Map
Table 3-88 Bosch Healthcare Telemedicine Solution
Table 3-89 Kuka Partnership with Siemens
Figure 3-90 Kuka Strategy for Medical Robots

Figure 3-91 Kuka Service Robotic Features
Figure 3-92 Kuka Robotic Production and Assembly Features
Figure 3-93 Metra Labs Mobile Robot
Figure 3-94 Aethon TUG Medical Logistics Robots
Figure 3-95 Unbounded Robotics UBR-1
Figure 3-96 Chattanooga OptiFlex 3 Knee Continuous Passive Motion (CPM) Device
Table 3-97 Hocoma Products
Figure 3-98 Hocoma Automates Locomotion Therapy On A Treadmill
Table 3-99 Hocoma Rehabilitation Robot Systems
Figure 3-100 Hocoma Armeo Arm Robot Systems
Figure 3-101 Hocoma Lokomats Robot
Figure 3-102 Hocoma ArmeoSpring for Stroke Victims
Figure 3-103 Hocoma ArmeoSpring for Children
Figure 3-104 Hocoma Lokomat Lower Extremity Robot
Figure 3-105 Honda Walk assist
Figure 3-106 Honda Stride Management
Figure 3-107 Honda Walk Assist Device Specifications
Figure 3-108 Ekso Bionics Regional Presence
Figure 3-109 Ekso Bionics Gait Training
Figure 3-110 Ekso Bionics Gait Training Functions
Table 3-111 Ekso Gait Training Exoskeleton Functions
Table 3-112 Ekso Gait Training Exoskeleton Functions
Figure 3-113 Ekso Bionics Step Support System
Table 3-114 Ekso Bionics Operation Modes
Figure 3-115 Ekso Bionics Bionic Suit
Figure 3-116 Walking Assist Device from Honda and HAL Robot Suit From Cyberdyne.
Table 3-117 Wireless Car Charger Market Characteristics
Table 3-118 Leaders in Development of Robot Cars and Trucks

3-119 GENERAL DYNAMICS TAC-C ROBOT

Figure 3-120 Next-Generation General Dynamics Robots
Figure 3-121 Northrop Grumman Mini-ANDROS II
Figure 3-122 IBM MessageSight Ford
Figure 3-123 Ford Self Driving Car
Figure 3-124 Ford Robotic Auto Control System
Table 3-125 Toyota Production LS 2013 Model Self-Driving Tools Technology
Figure 3-127 Google Self Driving Car
Figure 3-128 Google Self Driving Car Moving

Figure 3-129 Google Driverless Car
Figure 3-130 Honda ASIMO
Figure 3-131 Vecna Bear Robot Designed To Locate, Lift And Rescue People
Table 3-132 Nursery Robot Benefits
Figure 3-133 Cows Grazing
Figure 3-134 European Union Seventh Framework Program cRops (Clever Robots for Crops) Focus On Harvesting High Value Crops
Figure 3-135 John Deere Autonomous Tractors
Figure 3-136 John Deere Autonomous Tractor Flexible Uses
Figure 3-137 John Deere Crop Spraying
Figure 3-138 Kuka Robots
Figure 3-139 Kuka Material Handling Robots
Figure 3-140 Kuka Industry Standard Robots Used in Agriculture
Figure 3-141 Kuka Welding Robots for Agriculture
Figure 3-142 Kuka Robots in the Food Handling Industry
Figure 3-143 Kuka Robots in the Food Processing Industry
Figure 3-144 Kuka Vitamin A Robot Handlers
Figure 3-145 Kuka Plasma Cutting Robot
Figure 3-146 Fanuc M-3iA Robots Sorting Boxes
Figure 3-147 FANUC Robodrill DiA5 Series
Figure 3-148 FANUC Welding Robots
Figure 3-149 FANUC Material Handling Robots
Figure 3-150 FANUC Plasma Cutting Robot
Figure 3-151 ABB Welding Robots
Figure 3-152 ABB Material Handling Robots
Figure 3-153 Yaskawa Plasma Cutting Robot
Figure 3-154 Yaskawa Robots Used in Agriculture
Figure 3-155 Yaskawa Industrial AC Drives 1/8 thru 1750 Horsepower
Figure 3-156 Yaskawa Specialty Pump Drives 3/4 thru 500 Horsepower
Figure 3-157 Motoman Robot Handling and Palletizing Bags of Livestock Feed
Table 3-158 Motoman Robot Handling and Palletizing Bags of Livestock Feed Project Challenges
Table 3-159 Motoman Agriculture Robotics Palletizing Bags Solution
Table 3-160 Motoman Grain Bin Dryer Fan Wheels Project Challenges
Table 3-161 Motoman Grain Bin Dryer Fan Wheels Robotics Solution
Figure 3-162 Motoman Irrigation Pipe
Table 3-163 Motoman Irrigation Pipe Project Challenges
Table 3-164 Motoman Irrigation Pipe Robotics Solution
Figure 3-165 Motoman End-Of-Arm Tooling With Clamping Equipment

Table 3-166 Motoman Equipment Project Challenges
Table 3-167 Motoman Equipment Robotics Solution
Figure 3-168 Motoman Round Baler Pickup Frames for Equipment
Table 3-169 Motoman Round Baler Pickup Frames for Equipment Project Challenges
Table 3-170 Motoman Round Baler Pickup Frames for Equipment Robotics Solution
Figure 3-171 Motoman Skid Steer Loader Mount Plates
Table 3-172 Motoman Skid Steer Loader Mount Plates Project Challenges
Table 3-173 Motoman Skid Steer Loader Mount Plates Robotics Solution
Figure 3-174 Motoman Bags of Livestock Feed
Table 3-175 Motoman Bags of Livestock Feed Project Challenges
Table 3-176 Motoman Bags of Livestock Feed Robotics Solution
Figure 3-177 Harvest Automation Shrub Robot
Figure 3-178 Harvest Automation Shrub Robot In Garden
Figure 3-179 Harvest Automation Robot Provides Marketplace Sustainability
Table 3-180 Harvest Automation Shrub Robot Features:
Table 3-181 Harvest Automation Shrub Robot Functions:
Figure 3-182 Robotic Harvesting of Strawberries
Figure 3-183 Agrobot SW 6010
Figure 3-184 Agrobot AGB: Harvesting High Level System
Figure 3-185 Agrobot AG Vision
Figure 3-186 Blue River Technology Robot
Figure 3-187 Blue River Precision Lettuce Thinning Robot
Table 3-188 Blue River Technology Robot Functions
Figure 3-189 Blue River Precision Lettuce Thinning - 80/84" beds
Table 3-190 cRops Robotic Platform Functions
Table 3-191 cRops Robot System European Project Supporters
Figure 3-192 cRops Robot System
Figure 3-193 cRops Robot Target System
Figure 3-194 Jaybridge Robotics Driverless Tractor
Figure 3-195 Small Tractor Used For Manual Artichokes Harvesting
Figure 3-196 Robomow RL850 Automatic Lawn Mower
Figure 3-197 MIT Smart Gardener Robot
Figure 3-198 Carnegie Mellon Self-Guided Farm Equipment
Figure 3-199 Carnegie Mellon Self-Guided Equipment Running on Farm
Figure 3-200 Vision Robotics Snippy Robotic Vine Pruner
Figure 3-201 Herder Robotic Rover
Figure 3-202 Lely Automatic Milking
Figure 3-203 Astronaut Milking Robot
Figure 3-204 Lely Milking System Farm

Figure 3-205 Lely Cattle Feeding System Farm
Figure 3-206 Lely Automated Process for Managing Milking and Farm
Figure 3-207 Lely Correct Cattle Feeding Management
Figure 3-208 Lely Automated Process Cattle Feeding Management
Figure 3-209 Lely Multi-Barn Cattle Feeding Management
Figure 3-210 Lely Cattle Milking Management
3.89 Snake Robots
Figure 3-211 Snake Robots, Control of the Snake-Arm Robot
Figure 3-212 Nose Following Snake Robots
Figure 2-213 OC Robotics Snake-Arm Simulator
Table 2-214 Confined Spaces
Table 4-1 Sensor Technology Functions
Table 4-2 Robot System Architecture
Table 4-3 Proprietary Sensor Technology
Table 4-4 System Design & Architecture
Table 4-5 Tight Scientific Collaboration Between Different Disciplines
Figure 4-6 IEEE Robots
Figure 4-7 IEEE Orchard Robots
Figure 4-8 IEEE Automated Robot
Figure ES-1 Agrobot Strawberry Picker
Table ES-2 Robot Market Driving Forces
Table 5-1 ABB Product Launches
Table 5-2 ABB Global Lab Target Technologies
Table 5-3 ABB's Global Lab Automation Target Solutions
Table 5-4 ABB Active Current Research Areas
Table 5-5 Accuray Strategy
Table 5-6 Accuray Key Elements Of Strategy
Figure 5-7 Agrobot Strawberry Picker
Figure 5-8 Agrobot Strawberry Picker
Figure 5-9 Agrobot Robot for Agriculture
Table 5-10 Agrobot Innovation and Technology for Agribusiness
Figure 5-11 Agrobot Innovation and Technology for Agribusiness
Table 5-12 Agrobot SW6010 Support
Figure 5-13 Allen Vanguard Threat Intelligence
Table 5-14 Allen-Vanguard R&D Team Mandate:
Table 5-15 Allen-Vanguard Scientific And Engineering Topics Researched and Developed
Table 5-16 Allen-Vanguard R&D Fundamental Research
Table 5-17 Allen-Vanguard R&D Engineers And Scientists Comprehensive Research

Table 5-18 BAE Systems Standards
Figure 5-19 BAE Systems Revenue in Defense Market
5.8 Blue Belt Technologies.
5.8 Blue Belt Technologies.
5.9 Blue River Technology
Table 5-20 ECA Robotics Range Of Products
Table 5-21 Elbit Systems Activities:
Table 5-22 Elbit Systems Activities:
Figure 5-23 Fanuc Global Network
Figure 5-24 Fanuc's Organization
Figure 5-25 Fanuc Revenue
Figure 5-26 Fanuc Revenue
Table 5-27 Factors Impacting Ford Profitability Of Business
Figure 5-28 Boston Dynamic LS3
Figure 5-29 Boston Dynamic CHEETAH
Figure 5-30 Boston Dynamic Atlas
Figure 5-31 Boston Dynamic BigDog
Figure 5-32 Boston Dynamics LittleDog -
Table 5-33 Google Autonomous Vehicles Technology
Table 5-34 Hansen Medical Robotic-Assisted Minimally Invasive Surgery Principal
Competitive Factors
Table 5-35 Harvard Robobee Project Characteristics
Figure 5-36 Harvard Robobee Kilobot Robot Group
Table 5-37 Harvest Automation Robot Navigation
Table 5-38 Harvest Automation Robot Sensor Network Functions
Table 5-39 GM Market Positioning
Table 5-39 Intuitive Surgical Strategy To Improve Candidate Surgical Procedures
Table 5-40 iRobot Strategy Key elements
Table 5-41 iRobot Strategy Key Common Platforms and Software elements
Figure 5-42 Kuka Vision for Expansion of Robotic Markets
Figure 5-43 Kuka Regional (10) and Segment (7) Focus
Figure 5-44 Kuka Positioning with Smart Tools
Figure 5-45 Lockheed Martin Segment Positioning
Table 5-46 Lockheed Martin's Operating Units
Figure 5-47 Lockheed Martin Aeronautics Segment Positioning 1000
Figure 5-48 Lockheed Martin Aeronautics Segment Portfolio 1001
Figure 5-49 Lockheed Martin Aeronautics C130 Worldwide Airlift 1002
Figure 5-50 Lockheed Martin Aeronautics Falcon Fighter 1003
Figure 5-51 Lockheed Martin Electronic Systems Portfolio 1004

Table 5-52 MAKO Robotic Surgery Benefits	1011
Table 5-53 Medrobotics Cardiac Surgery Improvements	1018
Table 5-54 Medrobotics Snake Robot Technologies For Use In A Wide Range Of Surgical And Interventional Applications	1019
Table 5-55 Medrobotics Snake Robot Technologies Specialist Areas Served	1020
Table 5-56 Mesa Robotics Technical Experience	1022
Table 5-57 Northrop Grumman Partner Of Choice	1029
Figure 5-58 Northrop Grumman Systems Segments	1032
Figure 5-59 Northrop Grumman Portfolio	1033
Table 5-60 QinetiQ Vision	1059
Figure 5-61 QinetiQ Dragon Runner Urban Operations Rugged Ultra-Compact, Lightweight And Portable Reconnaissance Robot	1064
Table 5-62 QinetiQ Customer Base	1066
Figure 5-63 Re Core Technologies	1069
Figure 5-64 Re Unmanned Ground Vehicles	1070
Figure 5-65 Re Forerunner Key Features	1071
Figure 5-66 Re2 Open Architecture for Robots	1073
Figure 5-67 Shibuya Kogyo Robotic System For Leaflet & Spoon Placement	1083
Figure 5-68 Shibuya Kogyo Robotic Collating System	1084
Figure 5-69 Shibuya Kogyo Automated Aseptic Environmental Monitoring System	1085
5.49 Telerob	1088
5.50 Thales Group	1089
Table 5-69 Thales Key Technology Domains	1092
Figure 5-70 Thales Measurable Environmental Targets	1094
Figure 5-71 Thales Group Ground Master 400	1098
Table 5-72 Thales Group GROUND Master 400 Key Features:	1099
Table 5-73 Thales Group Ground Smarter 1000 Key Features:	1100
Figure 5-74 Thales Critical Decision Chain	1102
Figure 5-75 Toyota Qi Wireless Charging	1104
Table 5-76 Toyota / Lexus Advanced Active Safety Research Vehicle Features	1107
Figure 5-77 Volkswagen Shipments in Comparison to World Car Shipments	1110
Figure 5-78 Volkswagen Brands	1112
Figure 5-79 WiTricity Technology	1120
Figure 5-80 UC Davis Using Yamaha Helicopter Drones For Crop Dusting	1121
Figure 5-81 Yamaha Crop Dusting Initiatives	1122
Figure 5-82 YASKAWA Electric Group Businesses	1126
Figure 5-83 Vecna Hospital Delivery Bot	1130
Figure 5-84 Vecna Robotics: HG2	1131
Table 5-85 Vecna Technologies hydraulic end effector Specifications	1133

Figure 5-86 Vecna Telemedicine 1134

About

What could be tastier than a fresh picked strawberry, fully ripe, full of juicy appetence, exquisite in every way? Plant factories, grow lights, vertical farming appliances, and robots that make them possible are poised to change the economics of food growing.

Robots in general are poised to change every aspect of modern life. Robots are poised to change everything, what we eat, how we eat it, what we drive, how we drive it, what we manufacture, how we manufacture it, and the military, how we defend ourselves.

Robots are set to bring a new industrial revolution more important than anything seen before. Industrial robots perform repetitive tasks efficiently, they do not eat, they do not make mistakes, they do not get tired, they do what they are told, they work 24 hours per day 7 days a week. Manufacturing plants are frequently long aisles of nothing but robots, no human in sight.

Beyond industrial robots that repeat actions, more intelligent robots loaded with sensors are able to automate process using processors and cameras to control action. Use of microprocessors provides a measure of intelligent control over the activity of the robot based on input from the sensors and the cameras.

Tablet apps are congruent technology for all robots, adding platform functionality and providing basic platform controls. There is the potential for standardization so the robotic platforms are congruent, but that has not happened yet. Companies with a presence in tablet markets are poised to benefit enormously from the growth of robot markets. The app software provides a universal mechanism that will permit flexible response to changing market conditions.

According to Susan Eustis, lead author of the WinterGreen Research team that prepared the study, "The opportunity to participate in robotic markets is compelling. This new market is evolving as new automated process based on breakthroughs and innovation in technology is expressed in robotic platforms. Microprocessor technology, optics, cameras, nanotechnology, new materials, thin film batteries, and sensors are among the technologies being put to use in innovative ways in robots. The ability to apply any technology from any company is phenomenal..."

Consideration of Robot Market Forecasts indicates that markets at \$53 billion will reach \$171.7 billion by 2020. Growth comes as every industry achieves efficiency by

automating process robotically. Robots are unique because they can perform multiple steps without human intervention and they can adapt to different conditions and different types of devices to be manipulated. The sensors and the cameras in the robots make them flexible.

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