

# AUTOMATION IN MANUFACTURING

Rapid growth of automation within the manufacturing sector is contributing towards reduction in manufacturing cycle time and improved product quality

- Aided by technologies such as sensors, industrial robots and analytics, the manufacturing sector is poised to witness significant improvements in the coming years
- Adoption of collaborative robots in the automotive industry and electronic manufacturing for applications such as welding, painting, laser cutting, etc. is making it more competitive
  - E.g. Beyerdynamic, a German audio equipment manufacturer increased its production by 50% by using Cobotics in its factory

## IMPACT OF AUTOMATION

**52%**

*Of CEOs are exploring the benefits of humans and machines working together*  
— 20<sup>th</sup> CEO Survey\*, PWC

**10%–20%**

*Increase in productivity when companies move to digitized assembly line*  
— McKinsey & Company

**300%**

*Increase in productivity when Industry 4.0 line is integrated to factories*  
— McKinsey & Company

### IMPROVEMENT IN



**Profitability**



**Productivity**



**Worker's Safety**



**Management Control**

### REDUCTION IN



**Human Error**



**Waste Generation**



**Labor Requirement**



**Employee Costs**

*\*Based on the interview of 1,379 CEOs in 79 countries*

## DATAMATICS' VIEW

- Datamatics Analysts foresee that automation is expected to increase the competitive level of the manufacturing sector
- Improvement in productivity can lead to decline in product costs and may enable on-shore manufacturing



To understand in detail about the impact and areas of Automation in your industry, including the ranking and progress of key players in Automation, please contact us at [marketing@datamaticsbpm.com](mailto:marketing@datamaticsbpm.com)

### ABOUT DATAMATICS BUSINESS SOLUTIONS LTD.

Datamatics Business Solutions Ltd. (DBSL) is a pioneer in providing intelligent Business Process Management (iBPM) services.

Our integrated offerings include; Database Solutions & B2B Marketing, Demand Generation & Sales Acceleration, Business Research, Finance & Accounting Outsourcing, Payroll and Contact Center Services. We leverage emerging technologies like Robotics, Machine Learning and Artificial Intelligence to power human-machine collaboration & enable seamless delivery. As a trusted partner to Fortune 1000 companies; our focus is on driving revenue growth, operational excellence, cost efficiency & customer intimacy for global clients.

We serve customers across the globe and industries like Media & Publishing, Technology, Banking & Financial Services, Events, Manufacturing, Healthcare, Automotive, Retail & CPG, Travel & Logistics and Telecom.