

# Applications in manufacturing industries

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# Advantages of using computer controlled systems

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1. Robots can reduce costs in manufacturing industries through increased speed
2. Being able to work continuously
3. Reduced labour costs
4. Higher product quality
5. Ability to carry out work in areas that may be too dangerous for humans



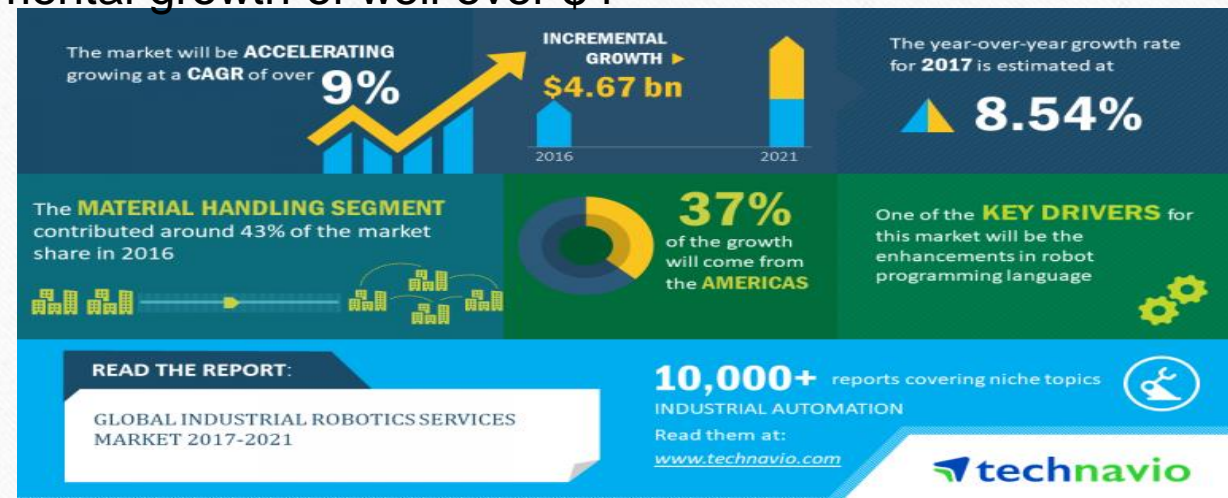
# Disadvantages of using computer controlled systems

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1. They cannot make independent decisions.
2. The initial setup costs can be very high
3. They can be create unemployment for humans.
4. Break down

# Robots in industries

2018 looks to be a good year for world's top industrial robotics companies, with many of them innovating and simplifying the industry. Industrial robotics services are also benefitting, expecting an incremental growth of well over \$4 billion by 2021.





# Unemployment

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In 30 years, Vardi says, computers will be able to perform almost any job that humans can. One assumes this includes working as a professor of computational engineering. Vardi foresees unemployment as surpassing 50 percent by 2045.

