



**izi**ar

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*Line City in  
Saudi*



**THE FUTURE  
OF URBAN LIVING**

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# ABOUT US

In 2008, we started our journey by launching the company's first office in Kochi with an operation team executing industrial automation projects and within one year we opened our first training centre in Kozhikode. By providing the finest service, in a short span we got students from various parts of India and Africa too. As a next step, we expanded our training centres to diverse locations in India, Nigeria, Qatar, UAE, Kenya, and the KSA and now in 2022, we have altogether 18+ branches. IPCS Global, one of the most renowned Core Technical Instruction Providers in the World, has been offering training on numerous programmes that are focused on the future. The programmes that we choose for training segments are influenced by a variety of factors, including the stream's potential growth, the employability of our trainees, the accessibility of various employment markets, and many other aspects. Our current stream list includes Industrial Automation, Building Management and CCTV Systems, Embedded and Robotics, Internet of Things, Digital Marketing and IT and Software Development. 100% live and interactive classes, global certifications and placements are our major highlights.

Our next step is to expand IPCS to every single continent and to build a career oriented generation that stands with the future. We IPCS always focus on the upcoming trends and updates on every stream to make our students best and hold professional ethics and moral values tightly and never turns our clients unsatisfied. We firmly believe in the virtue of team spirit. All throughout, a culture of professionalism and mutual respect is upheld. Technology is the engine of business success and innovation. We believe that in the current digital world, it is important to understand how they affect our lives. As a part of our Corporate Social Responsibility, Team IPCS gave birth to "Iziar", a magazine that reflects technology trends and current trends in the market related to the same. The main goal is to raise awareness of available technologies and make them accessible wherever you are. It's about technology, inventions, startups, cyberpunk life & much more. Iziar was developed to give you insight into the latest innovations and keep you on top of the latest trends. Technology is like air, You can't live without it. So we welcome you to the technological world of Iziar.



**Sooraj ps**  
Digital marketing analyst

# **LINE CITY IN SAUDI** ***THE FUTURE OF*** ***URBAN LIVING***



*Hello there....!!*

*You might have heard about the great project*  
**NEOM "THE LINE"**

## NEOM mean ?

The acronym NEOM is made up of the two syllables NEO, a Greek prefix that signifies "New," and M, an Arabic suffix that stands for Mustaqbal and means "Future."

The futuristic megacity concept called NEOM City, proposed by Saudi Arabia has been making headlines online over the past few days.

Currently, the metropolis of NEOM is thought to be the most ambitious project in urban and civil planning. Many academics compare the impact of the city of NEOM, which is thought to be the next major development in civilization, to that of the early London City Plan following the Great Fire.

## WHAT IS NEOM THE LINE PROJECT?

THE LINE is a cultural revolution that prioritizes people and offers urban dwellers a unique experience while protecting the natural environment. It redefines the idea of urban development and the design of future cities.

According to His Highness Prince Mohammed bin Salman, the Saudi line project is a multimillion-dollar city development. This city will be a unique example for all modern cities due to its nature and potential, and it will also support the Kingdom's 2030 vision of becoming the global leader in progress.

Project the Line, which will assist in enhancing NEOM's reputation, has attracted the world's most talented and influential brains.



There won't be any roads, automobiles, or pollutants, and **95%** of the land will be set aside for natural habitats. In contrast to traditional cities, the health and welfare of the population will take precedence over infrastructure and transportation. Despite being **170 kilometers** long and **500 meters** above sea level, it is just **200 meters broad**.



**THE LINE will have a total capacity of 9 million people and be constructed on a 34 square kilometer area. This will result in a smaller infrastructure footprint and hitherto unheard-of efficiencies in city operations.**

**Residents will be able to enjoy the surrounding nature due to a favorable climate throughout the year. In addition to high-speed rail, which takes 20 minutes to go from point A to point B, residents will have access to all facilities within a five-minute walk of their homes.**



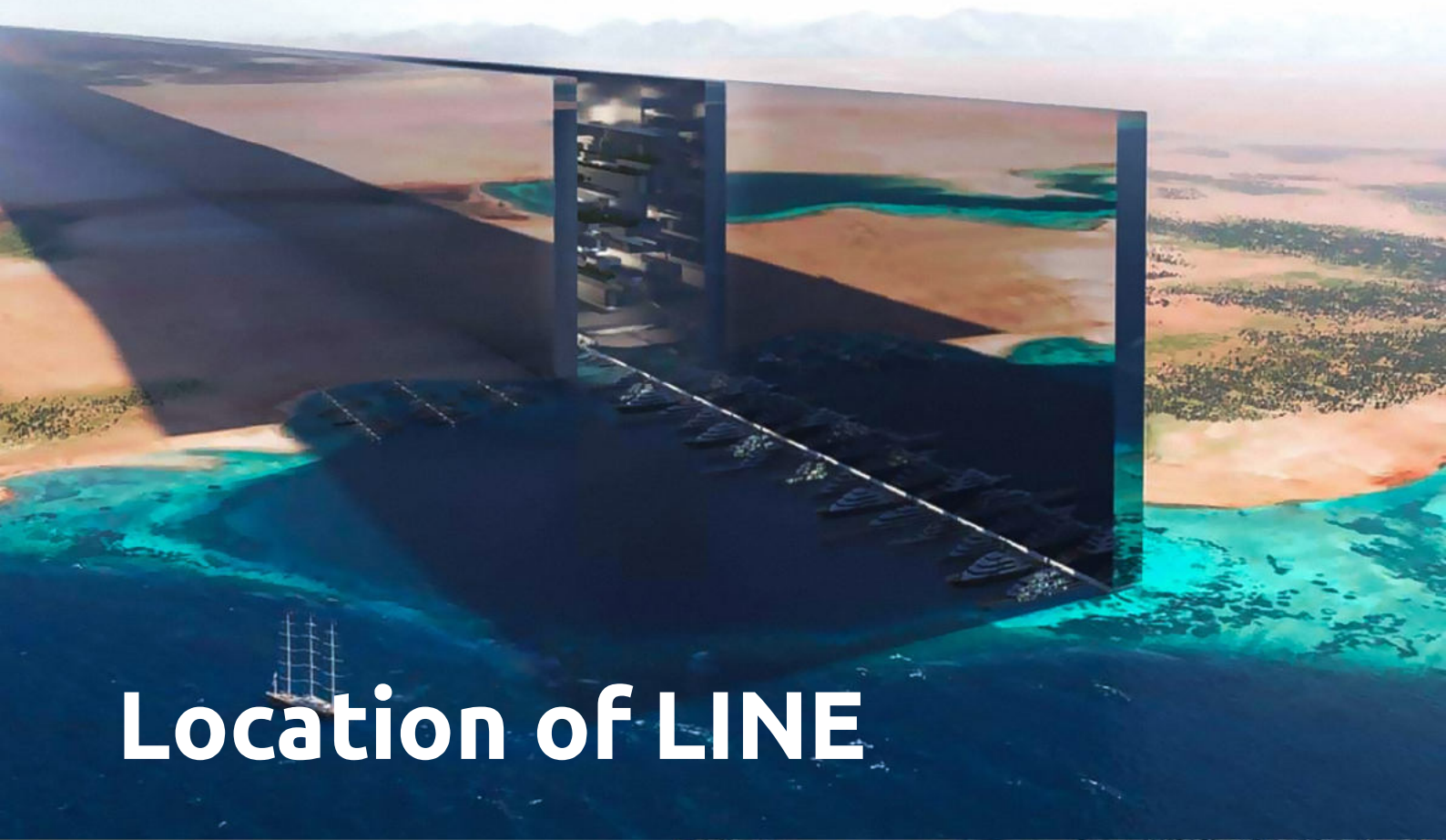


**Neom The Line city** uses a variety of renewable energy sources to produce a great, healthy atmosphere free of air and sound pollutants. Additionally, you may go 5 minutes on foot from any location within The Line city to any green region with a high density of green nature.



- The project is a small town that the designers behind did not construct with the concept of any car use, but rather for the human being and his physical comfort.
- This will encourage people to walk and access all areas of the project without using automobiles.
- The Line proposal includes a network of specialized walking areas that lessen noise, traffic, and pollution, as well as extremely quick transportation, quick charging options, sustainable solar energy, and other utilities.
- Villages have been built on top of the infrastructure in The Line city, and these communities will serve as the project's skeleton.
- All residential communities were created by architects to be easily accessible and mixed-use. They are quite close to services that cater to their daily requirements.
- All organizations and societies systems, as will continue to learn and develop. AI technology is already available and is the technology of the future.
- The NEOM the Line project will have the biggest environmentally friendly green hydrogen manufacturing facility in the world.





# Location of LINE

In the **Saudi Arabian province of Tabuk**, NEOM City is being constructed. Along the Gulf of Aqaba, Neom is situated in the northwest of the nation, east of Egypt.

NEOM will stretch for **170 kilometers** and span a surface area of **26,500 sq km**. The estimated cost of the megaproject is **\$500 billion**. The Public Investment Fund of Saudi Arabia provides money for the project.



The Line is situated in the future city of NEOM in northwest Saudi Arabia, more specifically, it approaches the Gulf of Aqaba close to the Red Sea. This location was carefully chosen because the Red Sea connects the various nations in northwest Saudi Arabia, making it an important location at the crossroads of the world, and the NEOM project's aim is to be a global center and a city that relies on artificial intelligence.

## TECHNOLOGY USED IN NEOM

Artificial intelligence will be "the pulsating core" of NEOM, Saudi Arabia's showcase of economic and tourism growth on the Red Sea, including its futuristic city THE LINE, attendees of the Global AI Summit in Riyadh, Saudi Arabia, heard as it came to a close.

According to a session, the \$500 billion megacity's CEO of NEOM, Engineer Nazmi al-Nasr, claimed artificial intelligence will steer the future in modern designs and technologies.

He continued by saying that THE LINE project, which, when finished, will house up to nine million people in towns distinguished by their ground-breaking vertical design, will determine the course of the planet and rely heavily on artificial intelligence.

Under the direction of Saudi Crown Prince Mohammed bin Salman, a three-day international conference with more than 200 speakers took place at the King Abdul Aziz International Conference Center. It was over on Thursday.



The second Global AI Summit, organized by the Saudi Data and Artificial Intelligence Authority (SDAIA), was attended by nearly 10,000 representatives of decision-makers, experts, and professionals in artificial intelligence from 90 different countries. Its subject was "AI for the Good of Humanity."

The tournament took place in September 2022 from 13 to 15.

According to a SPA report, many summit attendees referred to Riyadh as the "metropolis of artificial intelligence." The Crown Prince's directions to make Riyadh one of the top 10 economic cities in the world are reflected in the decision to host the conference.

## Agreements and partnerships

Over three days, the summit served as an international forum, bringing together specialists, academics, CEOs of significant technology companies, thought leaders, innovators, and decision-makers from the public and private sectors from around the world, including top corporations, investors, and businesspeople to discuss the future of artificial intelligence in various fields.

Organized by SDAIA under the theme "AI for the Good of Humanity, the summit was attended by about 10,000 people representing policymakers, experts, and specialists in artificial intelligence from 90 countries. (Supplied: SPA)

The world's top artificial intelligence company, SenseTime, and the Saudi Artificial Intelligence Company, owned by the Public Investment Fund, signed an agreement during the summit. Other partnerships and agreements were also forged between major international businesses and government organizations in the Kingdom.

An advanced artificial intelligence laboratory will be funded by the agreement, and a new company will be established in the Kingdom with an estimated investment value of more than \$200 million. This will also lead to the creation of jobs for young Saudis and help Saudi Arabia become a leader in artificial intelligence technology.

The Ministry of Energy and SDAIA formed a strategic partnership with IBM to hasten the adoption of the circular carbon economy through artificial intelligence. This was done through their joint center, the Joint Artificial Intelligence Center for Energy.

Additionally, SDAIA and the International Telecommunication Union (ITU) signed an agreement to create a global framework for evaluating AI readiness and to assist nations in adopting and exchanging the institutional changes, regulatory frameworks, and best practices for AI that are required for nations to fully utilize all AI capabilities for the benefit of humanity.

During a session titled "Visualizing the ecosystem for the use of artificial intelligence," the Ministry of Health and SDAIA unveiled the prototype of the early detection program for breast cancer using artificial intelligence algorithms.





AIEWA, the first facility devoted to artificial intelligence-based sustainability solutions for agriculture, water, and the environment, was also built (Artificial Intelligence Center in Environment, Water and Agriculture). Along with Google Cloud and Climate Engine, SDAIA also established the Earth Observation and Science Program. This initiative uses artificial intelligence (AI) and Earth observation technology to address climate change risks and improve environmental protection in the Kingdom and the region. The program aims to plant 10 billion trees throughout the Kingdom by 2030 and reduce carbon emissions by more than 278 million tonnes annually by 2030. Before the summit came to an end, SDAIA and Google Cloud also unveiled the "Elevate" program, a new initiative designed to teach more than 25,000 women over the next five years the skills necessary for new careers in the burgeoning markets of artificial intelligence and machine learning.

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# PRODUCT TRACEABILITY



Arunachalam  
Project Engineer - Anna Nagar



**Traceability** is an ability to track the whole process of a product being manufactured. Tracing and tracking a product from raw material to end product helps manufacturers in many ways. The importance of good traceability systems is increasing nowadays. In industries like food products and pharmaceuticals, traceability systems are unavoidable. All the manufacturing industries are implementing traceability systems extensively to improve product quality, product recall, inventory tracking, customer service etc.

# WHAT IS TRACEABILITY ?



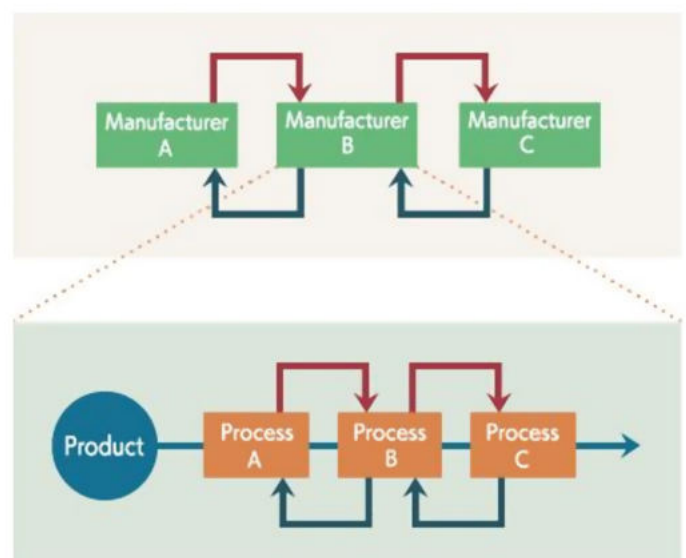
Traceability means the ability to trace the history of a product. Information like manufacturers, suppliers, and distributors is recorded. The information is recorded in a way that can track the history of the product from raw material, machining parts, assembly, distribution and sales.

Traceability holds the information about people, processes, equipment and parts involved in the manufacturing process. In the manufacturing industry, traceability is implemented using connected devices which communicate real-time data across the organisation. Traceability can be classified into two types: Internal Traceability and External Traceability. Traceability in manufacturing means marking, verifying, reading and communicating.

## ADVANTAGES OF TRACEABILITY SYSTEM

Traceability has many advantages in manufacturing industries.

1. INCREASES PRODUCTIVITY
2. REGULATORY COMPLIANCE
3. GAIN CUSTOMER TRUST
4. QUALITY CONTROL
5. PROTECT THE BRAND NAME
6. IMPROVE PROCESS INNOVATION
7. ROOT CAUSE ANALYSIS



## EXTERNAL TRACEABILITY

External traceability is also known as end-to-end traceability and chain traceability. External traceability holds the history of the product from raw material, machining, distributor to retailer. When an unexpected problem occurs, the manufacturer can investigate the root cause of the product recall.

## INTERNAL TRACEABILITY

Monitoring the information inside a limited area or a single production plant in the whole supply chain is called internal traceability. Each individual party in the supply chain must have internal traceability to achieve end-to-end traceability.

## BASIC ELEMENTS OF TRACEABILITY

As an overview, a traceability system will generate code for a product or part, collect data end-to-end in a supply chain, and keep the data traceable to the organization.

## Marking

Marking a product means creating identification on it. Marking can be a number, barcode, QR code, RFID etc. Permanent marking on the part enables the part to be traceable throughout the product's lifecycle. Labels, name plates, pin stamping, dot peen marking, inkjet marking are some traditional marking methods. In recent days in manufacturing industries, laser marking is getting popular.

## Scanning

Inside a manufacturing facility, the product will travel through many processes on different machines. To keep the machining information traceable, the marking on the product is scanned using electronic scanning devices. Scanners are of many types, selected based on application requirements. Barcode scanners, QR-code scanners, data matrix, RFID, NFC are some scanning instruments used in industries.

## Serialization

Generating unique serialized numbers or code for products. These codes are generally generated by systems. Generated codes are placed on the product using different methods.

## Communicating

The scanned information may contain serial number, batch number etc. The information will be fed to the controller through communication methods like fieldbus and industrial Ethernet. Before starting the process, the controller can verify the part. The process information's process time, pressure, temperature or some physical parameter which is necessary for tracing is stored.



## Forward traceability and Backward traceability

### Forward traceability





### Backward traceability



In traceability systems, products and parts are identified in lots or individually. The collected information is stored and retrieved. Forward trace means tracing a product or a part of a product and recalling if any defect is found. Reverse tracing means tracing the cause of the defect. The stored information can be accessed and traced forward or reverse at any time.

### INFORMATION TO BE STORED

To achieve a good traceability system, the data we store is the only key. The entire system end-to-end is going to work based on the stored information. Although the required information will differ for all products, some basic things will be common for all.

# Acceptance record

# Internal process record

# Shipment record

### ACCEPTANCE RECORD

Information like quantity, date and time of arrival, lot number, serial number, manufacturer supplier etc, are stored. These records are stored and accessible across the organization.

### INTERNAL PROCESS RECORD

Information like processing quantity, processing date and time, lot number, serial number, processing time, processing machine, line speed, etc, are stored. These records are stored and accessible across the organization.

### SHIPMENT RECORD

Information like shipping quantity, shipping date and time, lot number, serial number, shipping address, production plant information etc, are stored.

### CONCLUSION

In global manufacturing, traceability is essential for all products. Every manufacturer likes to have a good name for their brand among consumers or business partners and traceability is the key to achieving that. Many companies are providing solutions worldwide. Traceability can be implemented in any industry: agricultural, automobile, agricultural industry, pharmaceutical industry, electronic goods, home appliances, and so on. An AI-powered traceability system will enhance consumer confidence in the product. Traceability solutions integrate with ERP (Enterprise Resource Planning) and MES (Manufacturing Execution Systems). Many new technologies can be included in the system, like cloud storage, webpages, mobile apps, analytical dashboards etc.

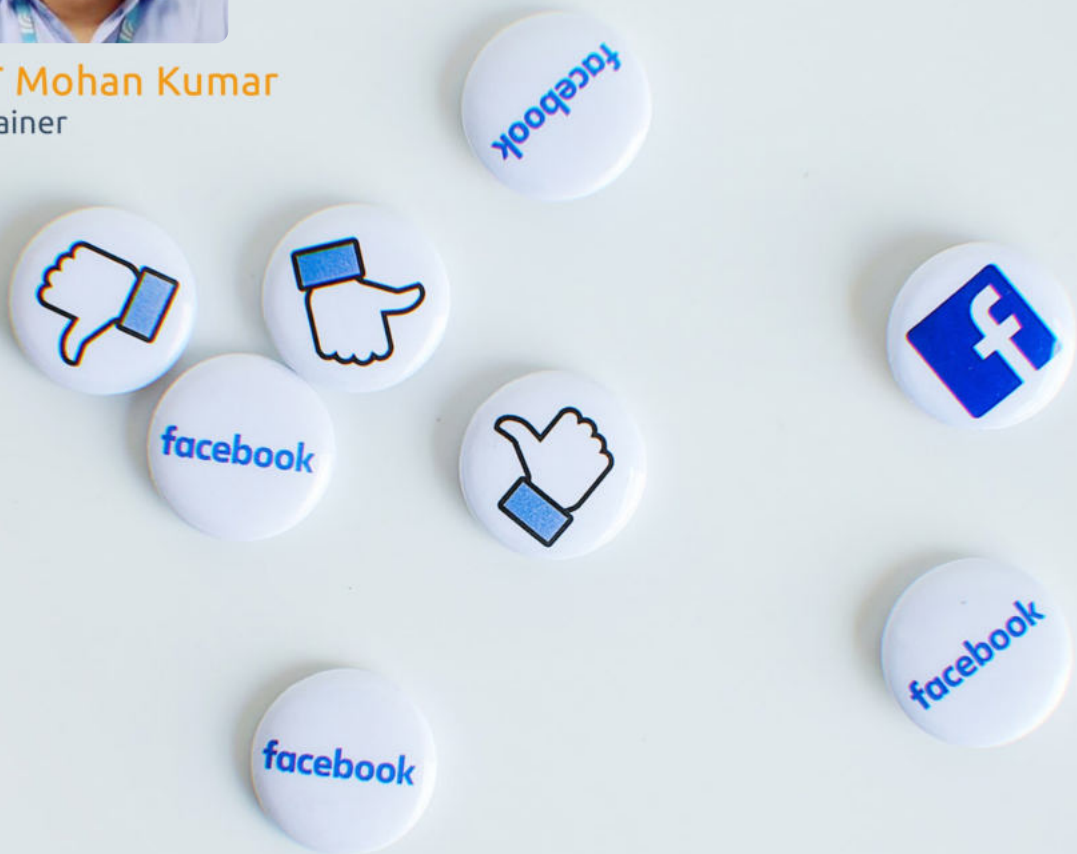


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# THE FUTURE OF S.E.O



Mr. T Mohan Kumar  
DM trainer



SEO is only going to grow in the future. Just make sure to follow the best SEO practices such as creating helpful content, having a faster website, and following Google guidelines, to get better rankings.



# WILL SEO STILL EXIST IN THE FUTURE ?



*Speculations abound, but they do not always provide a reliable forecast of what is to come. It has been said on several websites that GOOGLE is likely to bring more apps in the future.*

## IS **SEO** STILL RELEVANT IN 2022 ?

*Will SEO still be relevant in 2022 ? YES, absolutely and there are good reasons for it.*

*2022 has seen a lot of online marketing receptions as technology has begun to take a following to search engine optimization.*

## TOP 5 PREDICTIONS ABOUT THE FUTURE OF SEO

### 1. UX will be Upgraded

SEO's algorithm has changed since the past decade. Search engines gain profit from the web traffic which means they are concerned about User Experience (UX). The search engines have successfully customized their user experience to attract more web traffic. If the user experience (UX) is fresh and clear in the Future, it should be useful enough for customers to see and understand. Improving the graphic design, user interface and usability will benefit both customers and merchants.

### WHY UX IS VALUABLE

When it comes to product appeal, simplicity is as important to the consumers as features and expectability. According to google research implementing a focus on customer's experiences.

- Mobile friendliness on interface
- Optimized page titles
- URL structures
- WEB sites page speed
- Well designed navigation

### 2. It would be nice if google could show their websites separately for each category

Many traders, distributors and entrepreneurs keep coming and establishing themselves in this industry. They use it to promote their websites and sell and market their products. Even if they all have their own websites, it is not automatically visible to the person who needs it. But theirs tailored to their vision would be good to have those products to meet their needs.

Moreover, no false or described materials should be available to the buyer or viewers. As there many many websites we are searching for each requirement and information and it is better if each website is unique to display it separately.

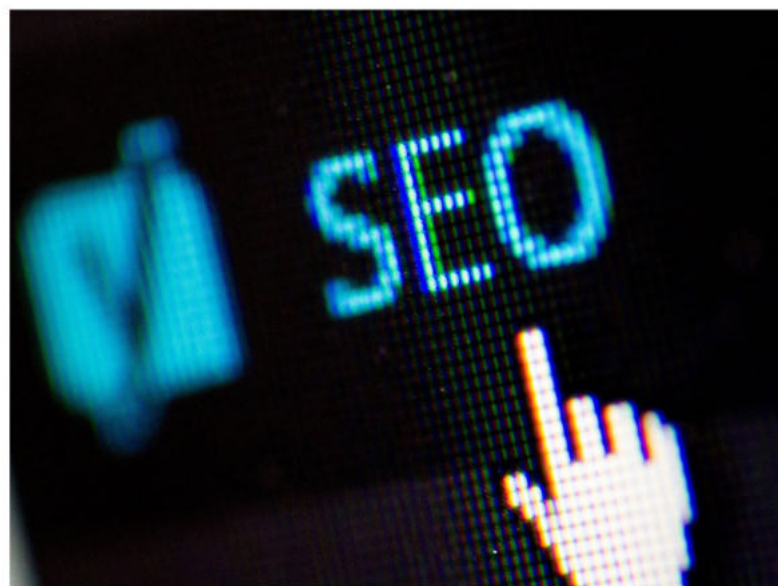
### 3. SEO will predict your searches

Gone are the days when you have to type keywords and search for any content. Search engines will automatically detect what exactly you are looking for in the coming years with the help of artificial intelligence, the internet of things and other smart technologies.

This will be possible with the features of XML Site-mapping structured data markup, labelling, voice compatible data search etc.

### NEED AN XML.SITE MAP

Google documentation states that sitemaps are beneficial for really large websites, websites with large archives, new websites with more external links, and websites that use a lot of media content. According to Google, proper internal linking will allow all your content to be easily found. Unfortunately there are many sites but most of them don't give the proper logical linking to their content.





## 4. Need to think like a machine & understand the human minds

Since Google and all algorithms are semantic and neural networks working together, it is important to understand not only how Google and technology affect us, but also how our own psyche creates our external reality :

- How we search
- What can see
- What we think
- How we act
- What we click on

Everyone has different inner Drives, perceives the world differently, and seeks for different reasons.

SEO pros are now challenged to take advantage in depth knowledge of :

- How Google works
- How human behave
- How powerful semantics and language and results.

If google aims to understand the human need, then the incoming humans will see it and find it beneficial.

## 5. SEO combined with improve the backlinks for other websites

There are snippets in the SERP which find relevant content as per the users requirement. It helps your website to gain organic traffic and better ranking. AI can assist with SERP analysis keyword research providing the optimization tips and writing content.

Customers come from websites, social media and other backlinks and search for products. The results they get should be compatible with the keyword. The other need to be pulled into the fold or showing necessary and other objects. It is expected to be useful in backlinks in the near future. As more and more entertainment and social medias comes up, so many companies will use this backlinks to showcase their websites and webpages to the public.

### THE THOUGHTS ON THE FUTURE OF SEO



Google changes its algorithms frequently to provide a better experience to its users. So, focus on providing a great user experience and designs so if you want to challenge on SEO.

SEO is only going to grow faster in the future and make sure to follow best SEO practices on creative useful content, fast websites & web pages and following the Google Guidelines to get better Ranking.

## CONCLUSION

The future of SEO is more integrated. The focus is going to be on long-term growth in SEO. If Google raises these rules and regulations further, users and merchants will suffer more. You will go in awe looking at how far SEO has come. Certain GOOGLE RANKING FACTORS will still play an important role in boosting your SEO score and website ranking and therefore a thorough knowledge of each of the factors is a must. SEO and Google are the pioneers in promoting our business and technologies.

# ***FUTURE*** ***REVOLUTION IN*** **INDUSTRIAL AUTOMATION**



**Mr. Silambarsan. S**  
Automation System Engineer  
Madurai Branch

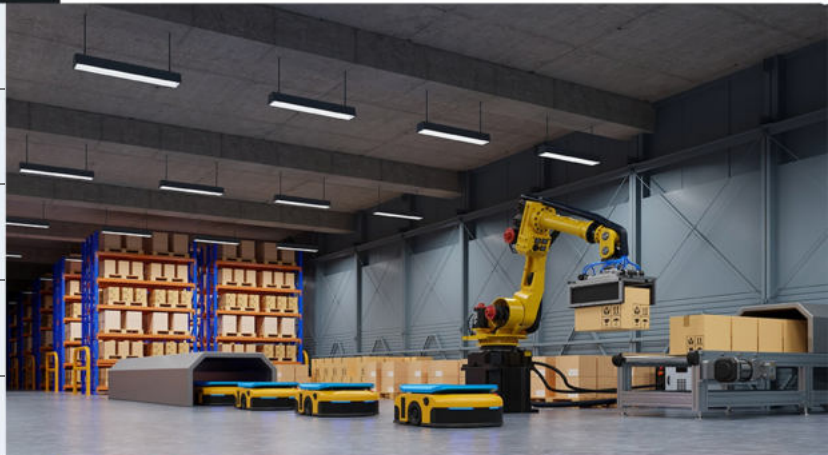




**Industrial automation** will see continued advancements in technology that will enable machines to perform a wider range of tasks with greater precision and efficiency. This could include the development of more advanced robotics and artificial intelligence, as well as the use of machine learning and other advanced technologies to improve the accuracy and speed of manufacturing processes.

It is difficult to predict exactly what the future of industrial automation will look like, but it is likely that we will see advancements in technology that will enable machines to perform a wider range of tasks with greater precision and efficiency.

- Industrial automation lifts productivity
- Industrial automation arms the industrial workforce
- Industrial automation can lower the industry's impact on the environment
- What are the opportunities of the Fourth Industrial Revolution
- What is the next industrial revolution?



## 1. INDUSTRIAL AUTOMATION LIFTS PRODUCTIVITY

➔ Industrial automation can lift productivity by allowing machines to perform tasks that are repetitive or require a high degree of precision, allowing them to be completed more quickly and accurately than if they were performed by humans

➔ But it's not just about reducing labour costs and getting more done, more quickly. The digitalization of manufacturing, and especially the advent of the Industrial Internet of Things (IIoT), also means increased throughput and avoided downtime as machinery is more efficiently employed and maintained.

➔ IIoT also provides the extra flexibility to adjust output to demand. For example, new open software approaches are more easily upgradeable. That way, if orders change, operators spend less time on reprogramming or re-engineering, which means increased machine availability

## 2. INDUSTRIAL AUTOMATION ARMS THE INDUSTRIAL WORKFORCE

➡ Companies that were slow to deploy industrial automation tools prior to COVID-19 are now being forced to rethink their operations. Lockdowns and social-distancing measures meant workers were often unable to physically get to production sites, warehouses, and logistics centers.

➡ This includes everything from augmented-reality glasses and other wearable technologies, to IIOT connectivity, advanced analytics, and cloud-based technologies, which improve how industrial operations are monitored.

➡ At a time when businesses are increasingly held accountable for the actions of suppliers and partners, this is now an indispensable way to build trust while making operations more resilient to potential supply issues.

➡ Industrial automation refers to the use of technology, such as robotics and computer-based control systems, to automate the production process in industries such as manufacturing, agriculture, and mining. This technology can help to improve the efficiency and productivity of industrial workers, as well as to reduce the need for manual labour.

## 3. INDUSTRIAL AUTOMATION CAN LOWER INDUSTRY'S IMPACT ON THE ENVIRONMENT

➡ Yes, that is correct. In addition to improving efficiency and productivity, industrial automation can also help to reduce the environmental impact of various industries.

For example, by automating certain processes, industries can reduce their energy consumption and greenhouse gas emissions.

➡ Automation can also help to reduce waste and improve the overall sustainability of industrial operations. Furthermore, the use of automation can help industries to comply with environmental regulations and standards, which can help to protect the environment and promote sustainable development.



➡ It is difficult to predict exactly what the future of industrial automation will look like, as it is likely to be influenced by a variety of factors, including technological advancements, changes in economic conditions, and shifts in consumer demand. However, there are several trends that are likely to shape the future

of industrial automation.

## 4. WHAT ARE THE OPPORTUNITIES OF FOURTH OF INDUSTRIAL REVOLUTION

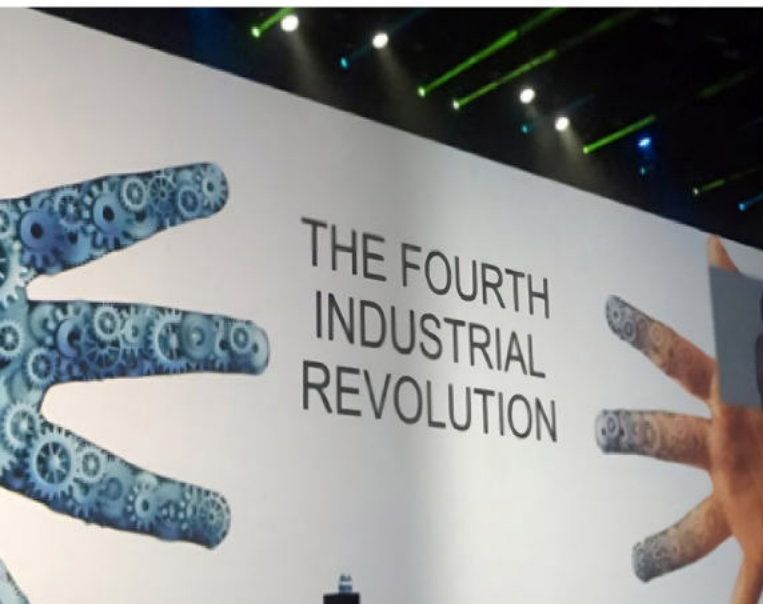
➡ The Fourth Industrial Revolution is about more than just technology-driven change; it is an opportunity to help everyone, including leaders, policy-makers and people from all income groups and nations, to harness converging technologies in order to create an inclusive, human-centred future.

➡ Industrial automation is the use of technology, such as robotics and computer-based control systems, to automate the production process in various industries. It is not clear what you mean by "fourth of industrial automation." Can you please provide more information or clarify your question? I would be happy to help if I can.



## 5. WHAT IS THE NEXT INDUSTRIAL REVOLUTION

- ➔ The main difference between the 4th and 5th industrial revolutions is that Industry 5.0 seeks to foster a more balanced working relationship between increasingly smart technologies and humans.
- ➔ The Fourth Industrial Revolution is growing out of the third, but is considered a new era rather than a continuation because of the explosiveness of its development and the disruptiveness of its technologies.
- ➔ The term 'Industrial Revolution' stands for those developments and inventions which revolutionised the technique and organisation of production in the later half of the 18th century. This industrial revolution replaced the previous domestic system of production, by the new factory system.
- ➔ The Fifth Industrial Revolution has the potential to initiate a new socio-economic era that closes the gaps between the "top" and the "bottom," creating infinite opportunities for humanity, and for a better planet.



- ➔ It is difficult to predict exactly what the next industrial automation will be, as the field is constantly evolving and new developments are emerging all the time.

➔ However, some of the current trends and developments in industrial automation include the use of artificial intelligence and machine learning to improve the accuracy and efficiency of automation systems, the integration of automation technology with the Internet of Things, and the development of advanced robotics systems that can perform a wider range of tasks.

➔ Additionally, there is likely to be a continued focus on improving sustainability and reducing the environmental impact of industrial operations through the use of automation. Overall, the future of industrial automation is likely to be characterized by the continued development of advanced technologies and the integration of automation into more and more industries and processes.

➔ It is the fourth major industrial revolution, following the mechanization of production in the first industrial revolution, the development of mass production and assembly lines in the second industrial revolution, and the rise of computer technology in the third industrial revolution.

➔ The fourth industrial revolution is characterized by the integration of advanced technologies such as artificial intelligence, the Internet of Things, and robotics into the production process, which has the potential to revolutionize manufacturing and other industries.



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# ROBOTIC PROCESS AUTOMATION

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**Jasmine Sophya**  
PRE



Robotic Process Automation (RPA) refers to the software technology developed to create and manage robots that mimic human activities to communicate with digital systems and software. Similar to human beings, these robots can comprehend the data on a digital screen, perform the necessary functions, analyse and extract data and various other tasks



In order to automate commercial operations including data collecting and analysis, customer support, and other repetitive tasks formerly performed by human processes, robotic process automation (RPA) uses a variety of software and apps.

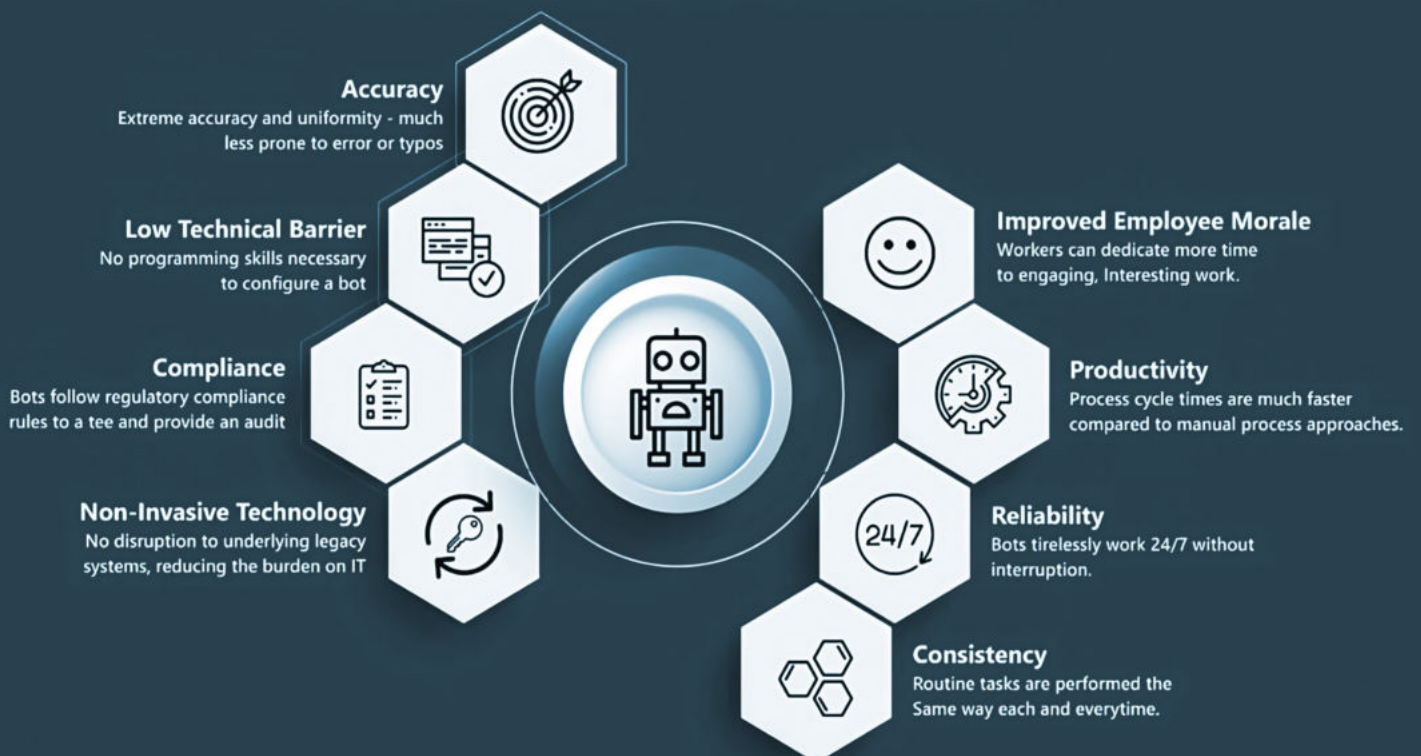
*RPA is a quickly developing technology that automates several jobs in numerous industries, much like AI and Machine Learning. Fewer than 5% of employment today can be fully automated, but almost 60% can be mechanized at least partially, according to a McKinsey analysis.*

Numerous new career paths and opportunities are provided by RPA, including those of a programmer, project manager, business analyst, or consultant. Additionally, it opens up opportunities for high-paying careers at prestigious companies with a low learning curve. Making a career decision based on this technology might be very profitable for you.

## BENEFITS OF RPA

1. Increase productivity all around
2. Boost productivity to produce savings
3. Reach accuracy objectives with dependable consistency
4. Boost the security of business data
5. Seize scale-up opportunities
6. Create data for crucial analytics
7. Improve the customer service process
8. Automate without causing disruptions

### Benefits of Robotic Process Automation



## 1. Increase Productivity All Around

The advantages of RPA automation are based on a straightforward idea: let robots handle the activities that are inconvenient, and let human workers focus on their areas of expertise. Employees have significantly less time to dedicate to work that makes use of their expertise when they have to spend time on mindless operations like copying and pasting data between corporate platforms. Staff can't get as much done in a day because manual chores take a lot of time and energy

RPA modifies this tenet. Software robots can boost a team's capacity for completing work by 35% to 50% if they are configured properly for a process. They can also work more quickly, reducing the time it takes to process data by 30% to 50%..

## 2. Boost productivity to produce savings

Increased productivity is crucial for many reasons than just preventing people from spending too much time on monotonous jobs. RPA tools combined with a human labour result in lower costs. Think about implementing robots in a division like accounts payable or receivable where employees routinely need to transfer data from many portals into your company's business systems.



## 3. Reach Accuracy Objectives with Dependable Consistency



What if human error was no longer a role in some of your company's most crucial workflows? Accounts payable mistakes frequently cause real, unforeseen expenditures for a company. A transposed digit in a PO number could allow your team to unintentionally duplicate invoices, resulting in extra payments for your company. When you automate, it's possible to obtain 100% error-free data correctness.

## 4. Boost the security of business data

Business leaders' main worry regarding the possible usage of RPA tools is how it will affect operational risk. Given how frequently data leaks and breaches occur, management may be worried about the security of these technologies.

However, the risk of leaks between platforms is only marginally present when your team carefully maintains and precisely sets RPA settings. A well-developed and maintained solution should be used to increase security confidence.

## 5. Seize Scale-Up Opportunities

RPA has a distinct benefit in workflows with erratic volume. A company might, for instance, get more orders at a certain time of the year. Without automation, the company might have to onboard temporary staff or delegate other tasks to employees in order to handle the information.

Robots have the ability to scale up and down quickly to handle any amount of labour.

## 6. Create Data for Crucial Analytics

You don't know what you don't know, at least not until you start using your new robots to gather precise information regarding process efficacy.

The application of RPA frequently aids in the discovery of process holes and areas in need of repair. These gaps show a lack of both human and software resources, and they frequently point to the need for sophisticated automation that goes beyond the capabilities of simple RPA software.



## 7. Improve the Customer Service Process

### Automated order tracking with RPA in e-commerce



**97% of customers**

want to track orders and receive communication throughout the entire shipping process \*

#### Order tracking steps



Accepted



In progress



Shipped



Delivered



Completed

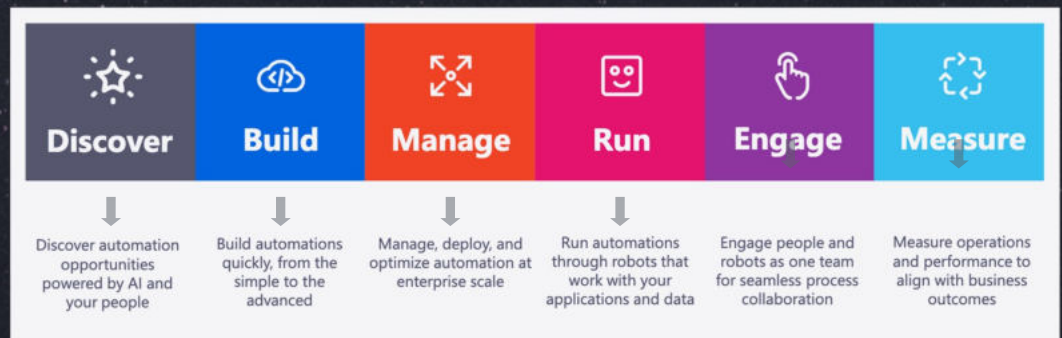
\* according to the ProShip.com data

You don't know what you don't know, at least not until you start using your new robots to gather precise information regarding process efficacy.

The application of RPA frequently aids in the discovery of process holes and areas in need of repair. These gaps show a lack of both human and software resources, and they frequently point to the need for sophisticated automation that goes beyond the capabilities of simple RPA software.

## 8. Automate without causing disruptions

Automation is a risk of conducting business for start-up businesses. Legacy systems may make automation a riskier endeavor for established firms that have grown and evolved over many years.



RPA technologies, particularly those built on no-code platforms, don't call for you to completely replace all of your legacy systems. In fact, because legacy software has been designed to emulate human user activities like clicks and keystrokes, it is usually easier to educate robots to utilize it. RPA enables businesses to experiment while they assess opportunities for older installations' end-of-life.



## RPA IN DIGITAL TRANSFORMATION

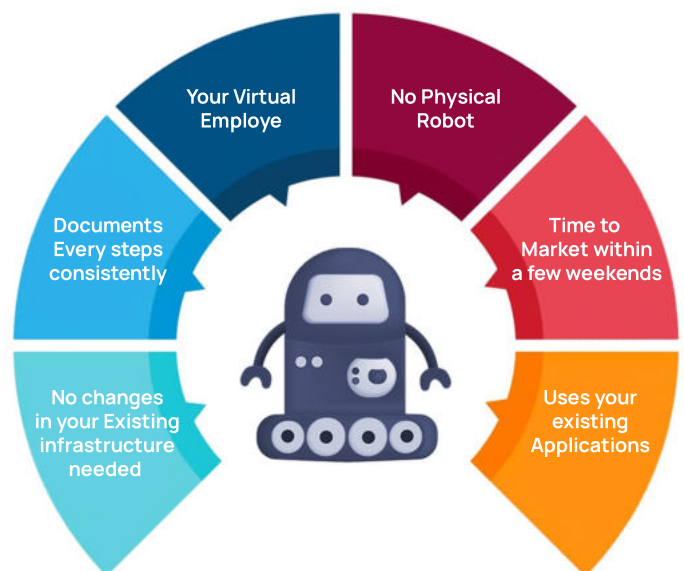
Though predicting the direction that technology will take us is practically impossible, it is reasonable to believe that RPA will continue to have an impact on the digital and IoT revolution for the foreseeable future. We're likely to witness the continuous spread of RPA procedures in our transformation efforts as leading companies like LinkedIn, Dell, Gartner, and HPE pay attention.



We at Robocorp are certain that RPA will keep expanding. Contact Robocorp right away to learn more about how your company may utilize automation and robotics, as well as to discover more about relevant use scenarios. We can assist you understand how RPA can affect your secure network needs, containerization, and other workplace technologies because we have years of industry expertise and our fingers firmly on the technology pulse in modern workspaces.

## CONCLUSION

RPA is a component of intelligent automation that firmly roots your organization in the 21st century by providing chances to operate faster and smarter. With the seven key advantages of robotic process automation, you can start making financial savings and daily performance improvements right away. Even while RPA demands planning, effort, and consideration of the metrics for success, it is now simpler than ever to harness its power. Platforms like Total Agility give your business the resources it needs to get going and room to expand. You may retire outdated systems and develop a unified approach to business operations and data analysis by incorporating RPA into a comprehensive platform for IA.





# THANKS

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