

Our New Favourite Assistants in the Workplace

a.k.a Automation Technologies

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Automation Technologies aren't Here to Take Our Jobs from Our Hands

The main resistance points against automation technologies.

- Lack of Trust in the System and Its Results
- The Fear of Losing Control Over Their Work
- Project Allocation Issues
- Concerns about Job Security or Skills Demands for Future Positions

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Top Automation Trends to Look for in 2023

- Low-Code & No-Code Platforms
- Machine Learning Meets Automation
- Semantic Automation: Robots Taking Control
- Collaboration Becomes a Priority
- Integrations, Integrations, Integrations
- Templates That Create Shortcuts
- Hyperautomation

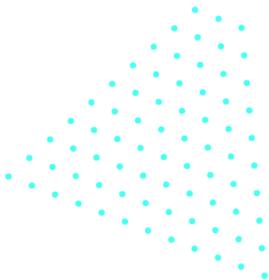


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How to Choose the Best Automation Platform?

*Automate, Integrate, Intelligate
with Autom Mate*



Introduction: Our New Favourite Assistants in the Workplace

a.k.a Automation Technologies

We have long passed the point where automation technologies look like sci-fi and cyberpunk concepts. Instead, automation is now the key to success for the majority of businesses, whether we are talking about software automation technologies like RPA and hyperautomation or industrial automation that takes advantage of the internet of things.

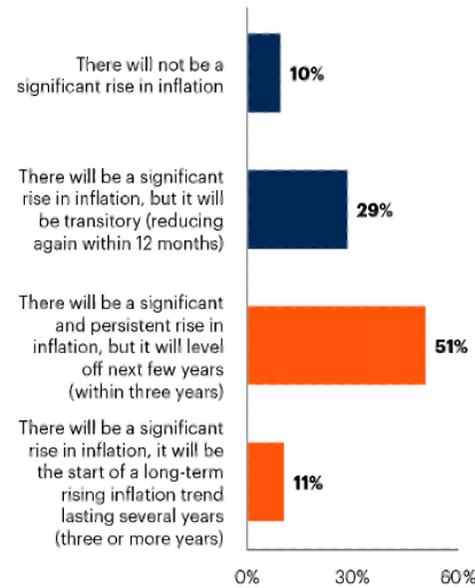


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CEO Views on General Price Inflation

According to Gartner's research¹ on actions on inflation, investing in automation technologies come in third place as an effective solution, which makes more companies adopt the technology faster.

Scenario for General Price Inflation in 2022 and Beyond



n = 404, all respondents, excluding "don't know"

Q. What is your view on the likely scenario for general price inflation in your largest geographic market in 2022 and beyond?

Source: 2022 Gartner CEO and Senior Business Executive Survey 751382_C

Source: Gartner (1)

Top Two Actions in Response to Inflation



n = 365, significant rise in inflation

Q. What are the top two actions you will most probably take in response to this inflation scenario in your market?

Note: Categorized open responses. Top five shown.

In short, automation is mandatory at this point. If you're reading this, you must have adopted automation in some form or are strongly invested in the idea of automating your business processes. As a company that takes conventional automation technologies like RPA a little further, we can safely say that you've landed in the right place.

In this e-book, we will dive deep into how automation has become a must-have for almost every business and what the future of automation technologies will look like. Let's begin with the elephant in the room—the fear of the robot craze.



Automation Technologies aren't Here to Take Our Jobs from Our Hands

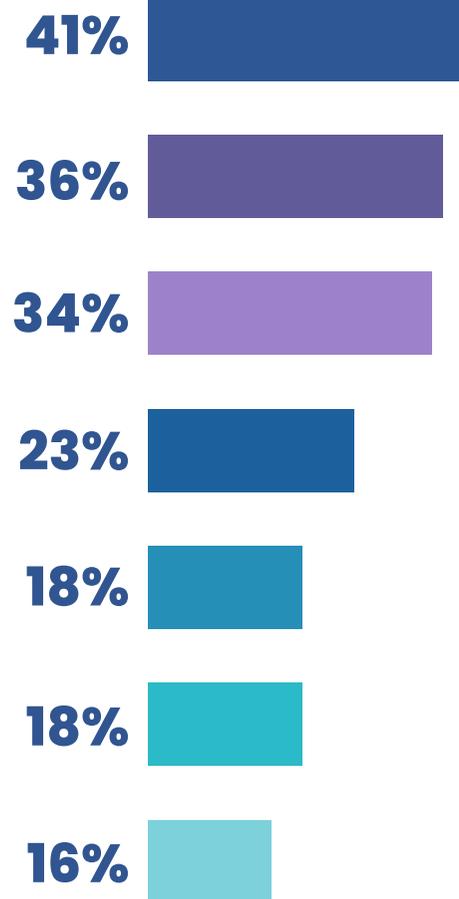
The first thing that comes to mind when people hear the word automation is the robot apocalypse. But frankly, we're not in Black Mirror, and when you think about it, it's not the first industrial revolution that our species is going through. Every one of the industrial revolutions has reduced some jobs while creating new ones—ones that we can actually enjoy. And the automation revolution is no different. In concept, it is literally here to take the robotic, mundane tasks from our hands, leaving more room for our potential.

It is a fact that automation can be more beneficial for employees than it is harmful. It offers them the opportunity to work on higher-level tasks and spend less time on repetitive and mundane tasks. Let's look at the biggest drivers causing employees to stay late.

Biggest Drivers Causing People To Stay Late

According to research by Asana (2), employees have too many mundane tasks on their hands that make them stay late. For example, who wouldn't like automating responding to constant emails or getting automated approvals? In the end, automation technologies aren't rivals; they're assistants who don't tire at all and let us focus on areas where we can make a difference.

Still, the subject may be too sensitive for many. But there's an inevitability when it comes to streamlining workflows—and jumping on the train before it's late will get us far sooner. Let's continue with the main resistance points against automation technologies.



Source: Asana

Lack of Trust in the System and Its Results

RPA and automation technologies are not just about saving money and increasing efficiency. They can also help companies retain their best employees by making them more efficient, reducing the amount of time they spend on tedious, repetitive tasks, and freeing up their time for more important things.

However, despite all this, many companies are still hesitant to implement RPA and automation in their business processes, the main reason being the lack of trust in the technology.

The Fear of Losing Control Over Their Work

Automation doesn't mean the complete elimination of human involvement — it's simply a way to make processes more efficient. You can think of it as an assistant, and due to its infrastructure, it actually works almost error-free. And the belief of robots taking over jobs is actually making less sense as employees adopt the technology. According to a survey by DFE (3), **66% of employees said that RPA restructures existing work, enabling employees to have more human interactions, and 60% of employees said that RPA helps employees focus on more meaningful, strategic tasks.**



Project Allocation Issues

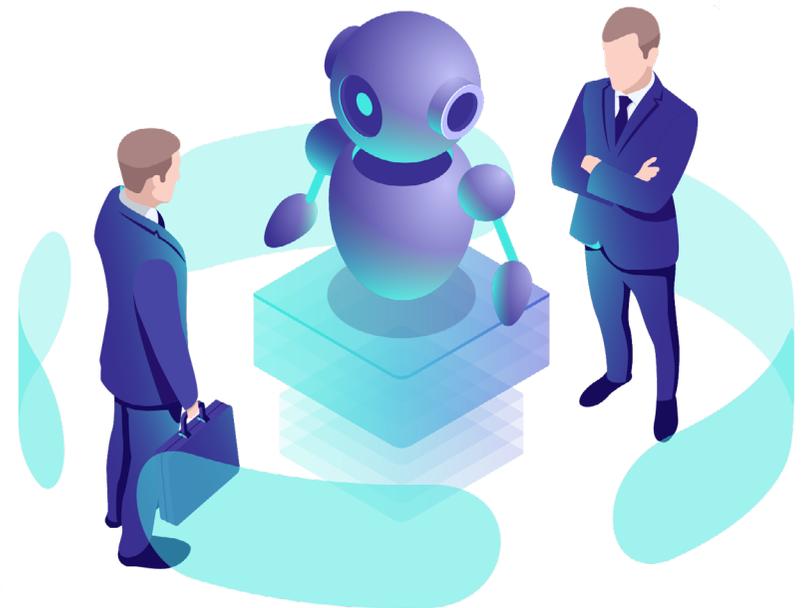
Many companies are reluctant to use RPA because they believe it will create a bottleneck in their project allocation process. They fear that this automation will cause bottlenecks by slowing down the project allocation process, and they will not be able to meet their deadlines.

RPA actually helps allocate projects instead of creating issues. It allows you to perform tasks much faster than you could with manual processes. This enables you to allocate more projects at one time without adding more resources or increasing your costs.

Concerns about Job Security or Skills Demands for Future Positions

Employees are concerned that automation technologies will demand new skill sets, which may be true for some positions, but we can safely say that it's for the better. We've come to a point where automation adoption is inevitable, and the sooner the workforce embraces the brave new world of automation, the better.

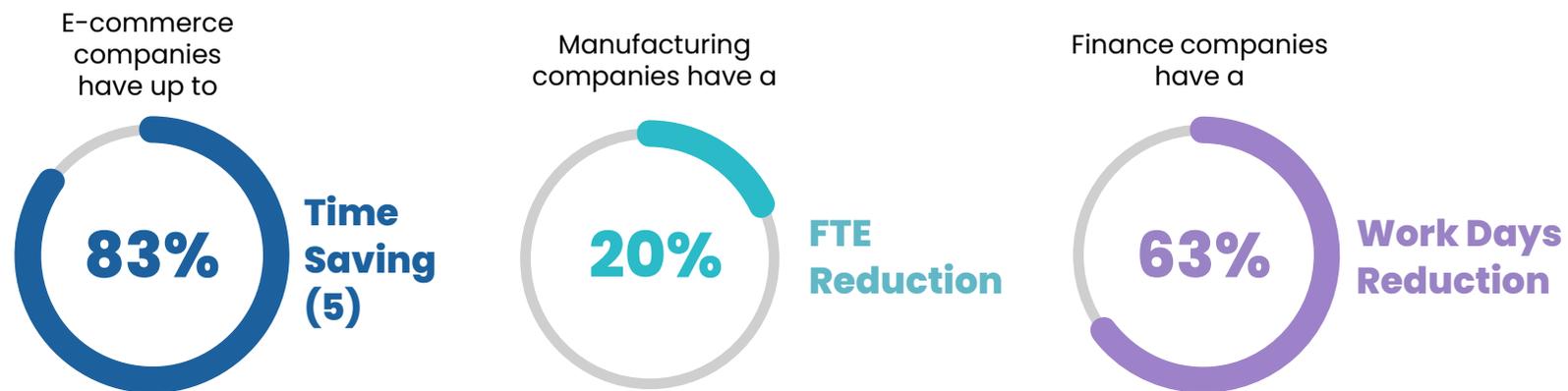
In short, automation is one of the key elements that'll future-proof one's career. For example, graphic designers feel threatened by text-to-image AI tools, but the ones that'll shine in the future will be the ones that start using the technology. RPA is similar, and if you feel threatened, think about how cool it will look on your resume.



The Impact of Automation in Numbers

Automation technologies like RPA has an incredible ROI. RPA can create cost savings of as high as 20% (4) in the first year alone, and the numbers vary between different industries.

Abeam Consulting's software automation survey found that





Automation is not a new concept. It has been around for decades, and various industries take advantage of it to improve efficiency and accuracy, evolving it with countless use cases. Finally, we've come to a point where automation can automate itself. As an automation & integration platform, we keep a close eye on the trends that define the future of automation, and frankly, we're proud to be reshaping RPA and integration technologies considering the demands of the end-user. With the introduction of intelligent automation, we will see more tasks being automated, providing better end-to-end solutions for businesses. Here are the top automation trends to look for in 2023.



Top Automation Trends to Look for in 2023

The world is changing rapidly, and automation is becoming a necessity. The trends in automation will continue to change with the times, but there are a few things we can expect to see in the next few years.



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Low-Code & No-Code Platforms

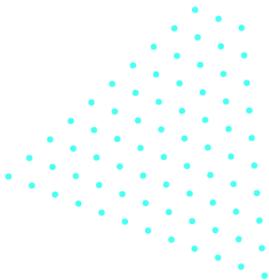
The up-and-coming stars in the developing arena, low-code and no-code platforms, are making their way almost everywhere. Like in all areas of technology, the ultimate aim is convenience, and no-code platforms & apps are here the final stop.

The logo for AUTOM|MATE, featuring the word "AUTOM" in a black box, a vertical line, and "MATE" in blue.



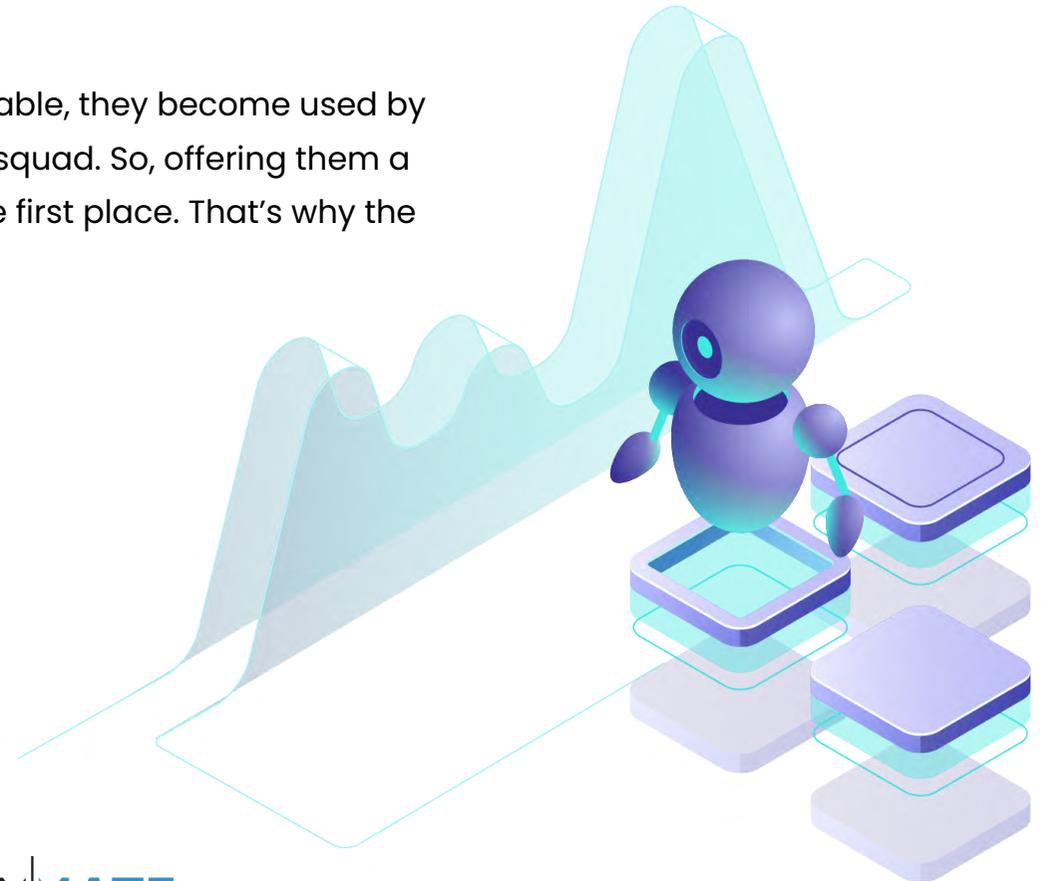
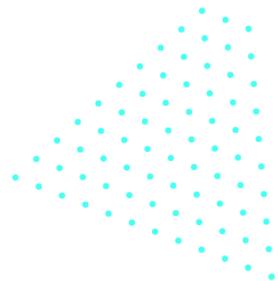
A low-code platform is a software development platform that enables rapid application development with minimal coding. Low-code platforms are visual, drag-and-drop development environments that require little or no code to build applications.

Low-code platforms are often used for developing simple applications quickly without the need for extensive coding knowledge. However, they can also be used for complex application development by adding custom code when needed.



A no-code platform is a type of software that allows users to create and deploy applications without writing any code. No-code platforms provide a visual drag-and-drop interface that makes it easy to build complex applications without any coding knowledge.

As automation platforms become more widely available, they become used by employees that haven't stepped foot into the coder squad. So, offering them a tool that requires coding knowledge is a no-go in the first place. That's why the future of robotic process automation is in no-code.



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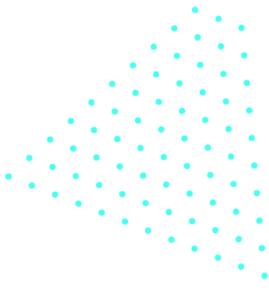


The best use case of a no-code automation platform is the way that everyone's familiar with: "drag-and-drop." And here at Autom Mate, we are well aware of the demand that's why we developed our automation platform to be used without any coding knowledge. On top of that, we've added an automation marketplace to offer every user proven-to-work automation workflows to be integrated into their systems in an instant. In short, we can safely say that we are bringing automation one step closer to the mainstream

Machine Learning Meets Automation

Machine learning is increasingly being used to drive automation initiatives, and this is especially true in the area of Robotic Process Automation (RPA). Machine learning can be used to automate repetitive tasks, freeing up employees to focus on more value-added activities. In addition, machine learning can be used to improve the accuracy of automated processes by constantly monitoring and adjusting them based on new data, which brings us to the future of RPA: hyperautomation.

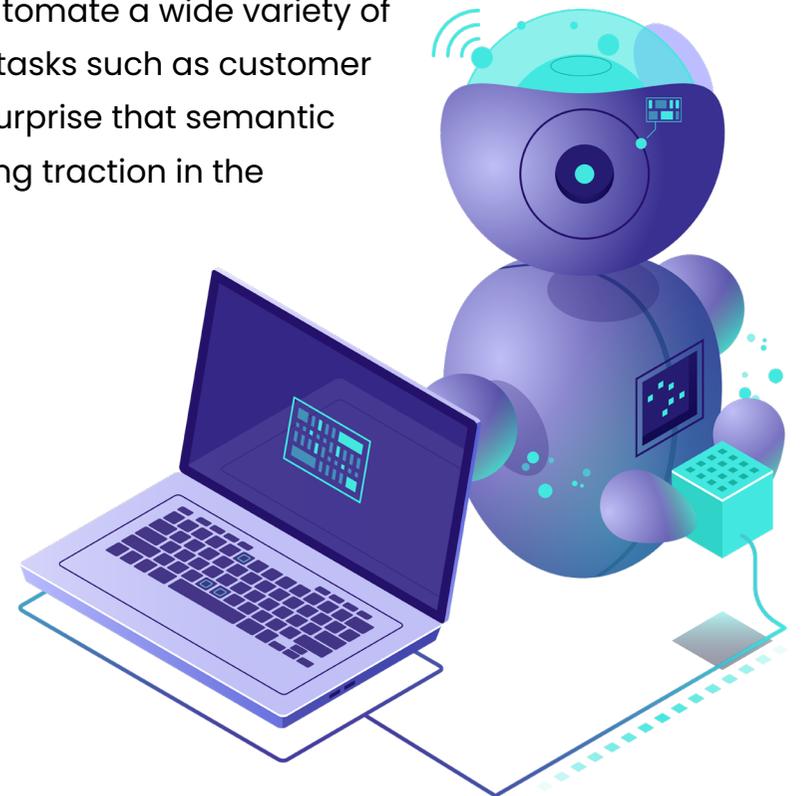
Hyperautomation is the next level of automation that combines RPA with other advanced technologies such as artificial intelligence (AI) and machine learning. Compared to RPA, hyperautomation can be used to automate complex processes that would otherwise be difficult or impossible to automate using traditional RPA alone. By combining the power of machine learning with RPA, businesses can achieve a higher level of automation than ever before



Semantic Automation: Robots Taking Control

Semantic automation is a rapidly emerging trend in the field of Robotic Process Automation. It promises to revolutionise the way businesses automate their processes and tasks by allowing robots to perform tasks based on their understanding of the semantic meaning of data. Instead of relying solely on pre-programmed rules, semantic automation enables bots to analyse and interpret data in order to respond to new information. This helps to reduce time and effort for businesses that need to process large amounts of data quickly.

The main advantage of semantic automation is that it makes it possible for RPA bots to understand the meaning of data in the same way that humans do. This allows bots to respond to changes in data in real time and make decisions based on their understanding of the data. This could revolutionise the way businesses automate their tasks, as they no longer need to intervene in order to make decisions manually. Furthermore, semantic automation also helps to reduce complexity and cost, as it can automate a wide variety of processes and tasks. For example, bots can be used to automate tasks such as customer service, data analysis, and even fraud detection. As such, it is no surprise that semantic automation is seen as the future trend for RPA and is quickly gaining traction in the industry.



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Collaboration Becomes a Priority

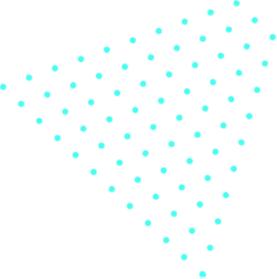
Collaborative automation is a new approach that combines the best of both worlds: the speed and efficiency of automation with the flexibility and creativity of human workers. With collaborative automation, businesses can automate complex processes while still maintaining a high degree of control over those processes. And the numbers agree. According to the survey by Queens University of Charlotte, 75% of employees say that teamwork and collaboration are “very important.” (6)

That’s why the future of work, automation technologies needs to be more flexible and make room for collaboration. Here are the main perks of collaborative automation:



1) It helps businesses keep pace with the ever-changing landscape of work. As work becomes more complex and dynamic, businesses need an automation solution that can adapt quickly to change. Collaborative automation provides this agility by allowing humans and bots to work together flexibly on a process, making changes as needed along the way.

2) It enables businesses to tap into a wider pool of talent. With traditional RPA, businesses are limited to automating tasks that can be completed by software bots. But with collaborative RPA, they can also leverage the skills of human workers who may be better suited for certain tasks (such as customer service or creative design). This opens up a whole new world of possibilities for businesses looking to optimise their workforce.



3) It allows businesses to get more value out of their existing workforce. In many cases, employees who are performing manual tasks would be better utilised elsewhere if those tasks could be automated. Collaborative RPA frees up these employees' time so they can focus on higher-value activities, leading to increased productivity and efficiency across the organisation.

4) It helps businesses improve compliance and risk management. By its nature, collaborative RPA requires close collaboration between humans and software bots. This gives organisations greater visibility into how their processes are being executed and makes it easier to identify potential risks before they become problems.

Integrations, Integrations, Integrations

In today's business world, speed and efficiency are paramount. That's why more and more companies are turning to robotic process automation (RPA) to help them automate repetitive, time-consuming tasks. But in order for RPA to be truly effective, it needs to be part of a broader digital transformation strategy that includes other complementary technologies.

Integrations allow different software applications to communicate with each other and share data. This is crucial for RPA because it enables different automation tools to work together seamlessly to get the job done.

The majority of RPA solutions come with some level of integration capability. These capabilities, however, are frequently constrained and might not be adequate to satisfy the demands of a particular company. In 2023, RPA platforms will therefore have strong integration capabilities that are easily adaptable to the particular requirements of any organisation in order to meet demands.

Templates That Create Shortcuts

One of the best parts of digitalisation is the readymade templates, and people are used to them. Whether someone is working on a video project or coding an app, templates are the first thing to land on – and the future of automation is no exception.

Even today, automation platforms offer countless templates to pick and implement, but the real magic is likely to happen when there's a marketplace. Just think about the massive success bump of iOS after the launch of the AppStore.

Considering the customer-centric future of automation & integration platforms, we created an integration marketplace within Autom Mate. In the marketplace, users share their proven-to-work integration and automation flows to be used by other users. In the end, everyone can find what they are looking for without even drag-and-dropping a bit.

Hyperautomation

RPA was a revolutionary service, but in the 2020s, we have machine learning and AI to evolve the technology. And hyperautomation is the next big thing in the world of RPA.

What is hyperautomation?

Gartner identifies hyperautomation as “the combination of multiple machine learning, packaged software & automation tools to deliver work” and “deals with the application of advanced technologies, including AI and machine learning to automate processes & augment humans increasingly.” (7) In short, it’s RPA, backed by AI and machine learning.

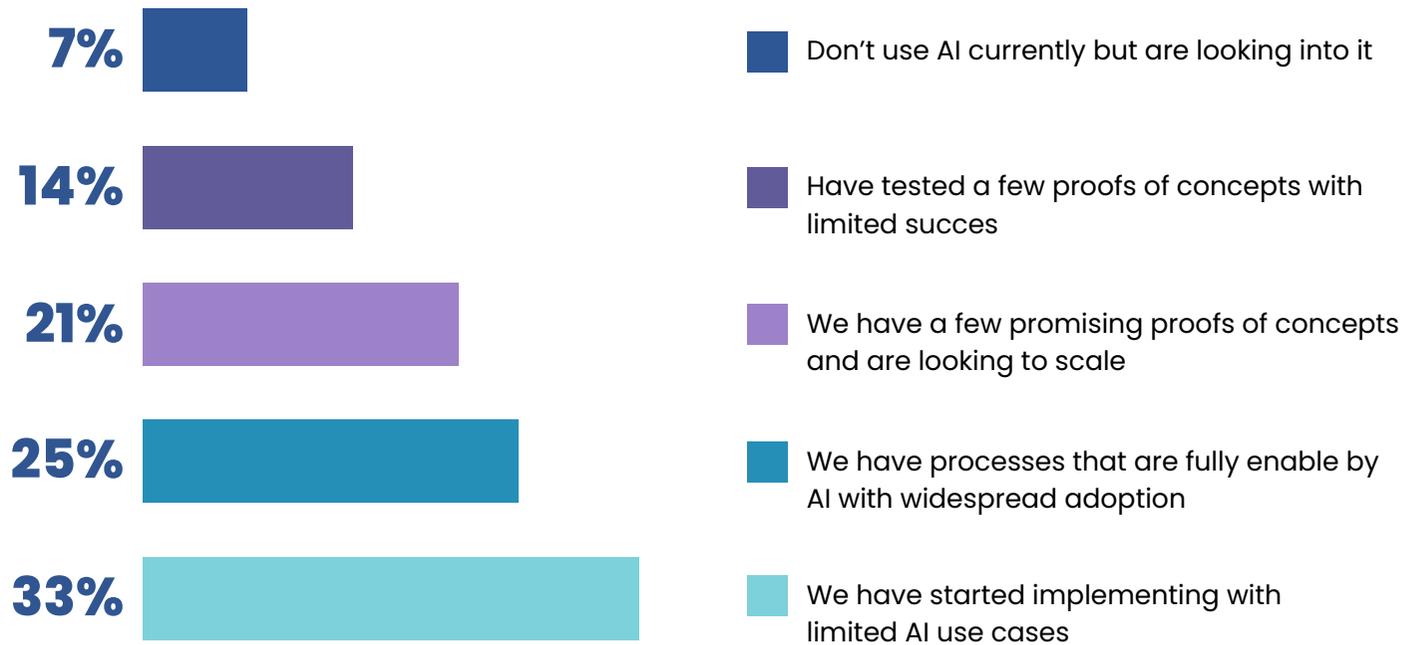
In 2021, Gartner surveys found that more than 50% of CEOs and 69% of boards of directors are demanding accelerated growth and operational excellence. Hyperautomation provides a critical path toward achieving both.

According to Forbes, 4 in 5 companies that use AI think that it’s become a part of their work environment. (8)



83% of companies claim that using AI in their business strategies is a top priority

On the bigger picture, 80% of all companies claim that they will adopt AI in some way until 2025. (9)



Source: Exploding Topics (10)

It's safe to say that hyperautomation is the main path that RPA technologies are taking. Let's see what hyperautomation adds to RPA and what are the main benefits of the futuristic RPA are.

Pros of hyperautomation, compared to traditional RPA:

1. Increased Scalability:

Hyperautomation has the potential to increase the scalability and efficiency of processes significantly more than traditional RPA. This is because hyperautomation is designed to leverage multiple tools and technologies – such as machine learning, artificial intelligence, and analytics – to automate more complex tasks than can be done with traditional RPA.

2. Improved Accuracy:

Hyperautomation also can improve accuracy, as more advanced algorithms can detect and rectify errors more effectively than traditional RPA. Additionally, the combination of multiple technologies can help reduce manual errors and improve operational performance.

3. Increased Cost Savings:

Hyperautomation can also help organisations save money in the long run by automating more complex tasks than can be done using traditional RPA. This means that organisations can reduce labour costs and improve their bottom line.

4. Enhanced Flexibility:

Hyperautomation is also more flexible than traditional RPA. It can be used to automate a wide range of tasks and is easily adapted to changing business needs. This makes it a great option for organisations that need to remain agile in an ever-changing market.

5. Improved User Experience:

Hyperautomation can also help create a better user experience. By leveraging multiple technologies, organisations can create more intuitive and user-friendly processes that can be easily accessed and understood by customers.



How to Choose the Best Automation Platform?

Finding the right hyperautomation platform for your business can be a daunting task, but with the right approach, you can make an informed decision that will help your business succeed. Let's explore how to choose the best hyperautomation platform for your business.

Cost

Before choosing the best hyperautomation service for your business, it is important to consider the cost of the service. You should research the various pricing options available and determine which fits into your budget. Additionally, you should consider any additional costs that may be incurred, such as implementation and maintenance fees.

For example, you can choose an automation platform that's basically a traditional RPA. In that case, you wouldn't want to pay extra for an integration platform or an AI assistant. Choose wisely, and go with a platform that offers AI-backed automation with endless integration capabilities to win in the long run.

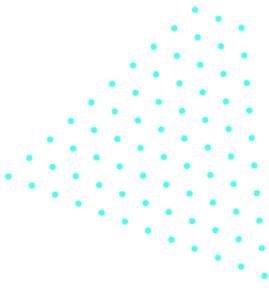
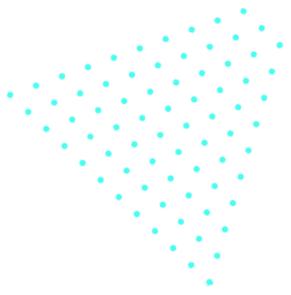
Features and Functionality

Another important factor to consider is the features and functionality that the hyperautomation service offers. You should ensure that the service offers the features and functionality that your business needs and that it meets all of your automation requirements. Additionally, you should make sure that the service offers easy integration and scalability options so that it can be easily adapted to your changing needs.



Ease of Use

Ease of use is essential when making a decision about the right hyperautomation platform for an organisation. A no-code automation platform enables users to quickly and easily integrate existing applications and automate processes without the need for coding or specialised skills. This allows organisations to quickly deploy and scale up their automation capabilities, as well as to quickly respond and adapt to changes in their environment. The no-code automation platform also allows organisations to quickly and easily migrate existing processes and applications to more advanced platforms, giving them the flexibility to respond to customer needs and changing market conditions quickly.



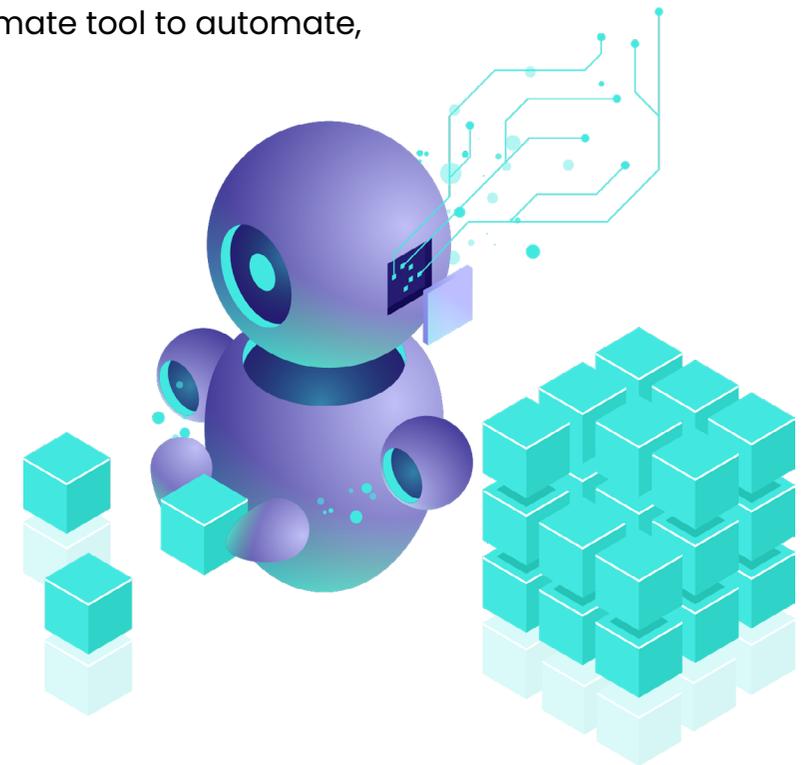
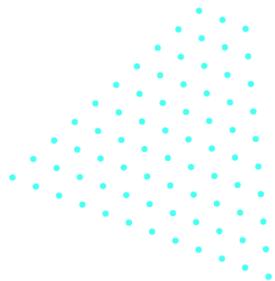
Security

Lastly, you should make sure that the hyperautomation service you choose is secure. You should ensure that the service follows industry security standards and provides adequate encryption and authentication to protect your data. Additionally, you should look for services that offer regular updates and patches to protect your business from any potential security threats.



Automate, Integrate & Intelligate with AutomMate

We are proud to say that Autom Mate is a trendsetter when it comes to software automation technologies. While developing Autom Mate, we've always kept up with the latest trends, watching user demand closely. In the end, we decided to build the ultimate automation platform that offers all of the perks of RPA, adding the future-proof technologies of AI and ML. On top of that, we've flexed our platform's capabilities with countless integrations for the need of anyone. In the end, we can safely say that Autom Mate is the ultimate tool to automate, integrate, and evolve workflows flawlessly & effortlessly.



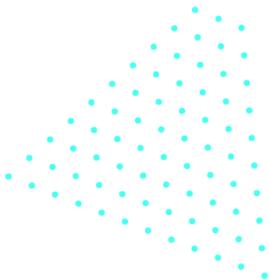
Drag & Drop Interface

Autom Mate can be used to quickly and easily create, deploy, and manage robotic process automation (RPA) solutions. It provides an intuitive visual interface for designing and executing automated workflows. Users can quickly and easily drag and drop components to create their own automated processes that can be instantly deployed. This product can help businesses save time and money by automating their processes and eliminating the need for manual labour. It also provides comprehensive reporting and analytics to help businesses understand the performance of their automation solutions.



Ready-to-Use Automation Marketplace

We created an integration marketplace for our users to share their useful automation and integration flows. Thanks to the marketplace, users can quickly and easily find the perfect automation solution for their needs, allowing them to save time and money. The marketplace features a variety of automation tools from leading industry providers, all of which are ready to use. The intuitive user interface makes it easy to browse through the different products and select the most suitable one. Additionally, the marketplace provides helpful information and support that can help users make the most out of their automation solutions. With the ready-to-use automation Marketplace, users can take advantage of the latest innovations in automation technology and make their businesses more efficient and productive.



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Let's carry your business to the future with intelligent automation. Autom Mate's cutting-edge technology can help you automate processes, streamline workflows, and save valuable time and money. With intelligent automation & RPA, you can take your business to the next level and stay ahead of the competition. Don't wait any longer. Start today and bring your business into the future.

Visit us at automate.com to discover more.

Source:

- 1- <https://www.gartner.com/en/newsroom/press-releases/2022-05-18-gartner-survey-reveals-significant-shifts-in-ceo-thinking-on-sustainability-workforce-issues-and-inflation-in-2022>
- 2- <https://resources.asana.com/rs/784-XZD-582/images/Anatomy-of-Work-Index.pdf>
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- 6- https://www.abeam.com/id/sites/default/files/field/field_pdf_files/How%20RPA%20Improves%20your%20productivity.pdf
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- 8- <https://www.forbes.com/sites/falonfatemi/2019/05/29/3-ways-artificial-intelligence-is-transforming-business-operations/?sh=6eea6bc76036>
- 9- <https://www.analyticsinsight.net/80-of-companies-will-adopt-intelligent-automation-by-2025/>
- 10- <https://explodingtopics.com/blog/ai-statistics#ai-adoption>



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