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What You Need To Know About The Top 5 CIO Trends For 2023

If the past couple of years were a frying pan, 2023 is the fire CIOs are inadvertently jumping into. Between new trends spreading like wildfire across the IT landscape, the threat of a recession looming in the shadows, and the expectation of having an ear to the ground for the growing number of new technologies emerging, to say CIOs have an exhilarating year ahead of them is a bit of an understatement.
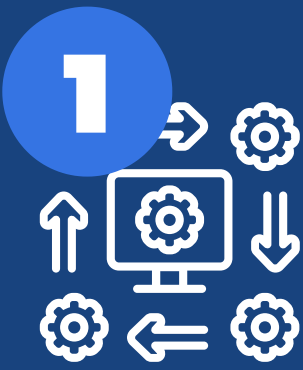
So how can you embrace this rapidly changing era of digital transformation and automation without burnout? Here are the top 5 things fellow CIOs are prioritizing to gain a competitive advantage, cut costs, and increase their enterprise's agility.

1

Advancing Workflow Automation and Orchestration

Many CIOs will look at automating their enterprise workflow to boost agility, speed, and efficiency, taking advantage of technologies like robotic process automation (RPA)— "bots" that carry out step-by-step tasks or business processes—and AI-driven decision making.

In fact, 97% of organizations believe that enterprise orchestration is crucial for digital transformation.

Orchestration provides businesses and IT teams more time to focus on meaningful, high-value tasks by automating the dull, repetitive tasks. Plus, implementing workflow automation and orchestration has never been easier, now that there's been a rise in tools that require next to little to no coding experience.

Speaking of which... ⬇

2

Adopting Low and No Code Automation

Low and No Code Automation (LNCA) tech has become the secret weapon in many companies' toolkits for building and deploying enterprise applications with little to no coding knowledge.

Gartner predicts that by 2025, 70% of new applications developed by enterprises will use low-code or no-code technologies, which is a big increase from 25% in 2020.

As of right now, 24% of companies have started implementing low-code process automation systems, while 29% of companies plan to implement low-code process automation software shortly.

What about the ability to automate the processing of ever-growing data?

3

Implementing Intelligent Document Processing (IDP)

A Forbes report stated that 95% of businesses must manage unstructured data (think: books, PDF docs, emails) on a regular basis.

IDC predicts that the Global Datasphere will grow to 175 zettabytes by 2025.

CIOs are starting to process their data goldmine by turning to IDP—tech that uses AI and machine learning (ML) algorithms to automate the process of extracting data from unstructured documents. The goal here is to eliminate human error and reduce the need for manual data entry by automating the process of converting unstructured data into usable data.

CIOs anticipate that IDP's capabilities of automating data processing will advance drastically, combining with RPA to accelerate digital transformation and achieve enterprise-level data processing automation.

You'll want to ensure all automation software and programs are running in harmony. How? By:

4

Embracing Hyperautomation

Though it isn't terribly shocking that the practice of hyperautomation will keep going strong in 2023, it's worth mentioning the popularity it's garnered over the years, with no signs of slowing down.

The global hyperautomation market size and share is predicted to surpass USD 26.5 Billion by 2028.

This is because many of the tools for hyperautomation are the same tools listed here that CIOs are raving about (i.e. LNCA, IDP, AI and ML, etc.).

Hyperautomation is simply the framework for using these advanced tools to automate enterprise automation, which is quite appealing considering its capability to learn from humans and perform the mundane tasks that were once done manually.

Finally, don't forget the building blocks for digital transformation:

5

Practicing Better API Management

According to F5's calculations, the number of public and private APIs today is approaching 200 million, and **by 2030, we'll see a whopping 1.7 billion active APIs.**

Getting these APIs under control is becoming more complex than ever before—leading to an alarming problem known as API sprawl.

Use of API management tools is now more important than ever for enterprise automation, since they provide visibility into enterprise activities and enable businesses to manage APIs securely.

Start using a low-code platform that orchestrates your operations and eases your team's workload. Get started with a free test drive of the Pliant IT Automation & Orchestration Platform.

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About Pliant

Businesses today are in the midst of a sea change of modernization. The move from on-premise to cloud, SaaS adoption, security modernization, and general transformation is occurring at a rapid pace. To do more with less, teams are turning to new tools to accelerate their objectives. Adopting these new and often disjointed technologies is inadvertently complicating matters, contributing to sprawl and bringing higher costs and more complexity to the enterprise.

To address this dilemma, Pliant provides an advanced API-driven orchestration platform that automates, integrates, and connects the digital enterprise. Pliant's solutions simplify and streamline how operations and engineering teams build, deploy, and manage their environments. Using a low-code approach and transforming API code into deployment-ready action blocks, Pliant facilitates, orchestrates, and secures communication up and down the technology stack between platforms, services, and applications.

For more information on the company and its solutions, go to www.pliant.io.