PROTOLABS

Login

Join

commande. Recevez vos pièces en 1 jour. **Protolabs** Visiter le site >

Limite les coûts de production

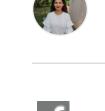
Connectez-vous à votre compte. Passez votre

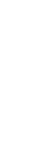
What's the Next Big Leap in Digital

Innovation

Innovation: Analysts' Take New innovations in 2022 will make businesses reorient their strategies to maximize reach and turnover. Here's a look at some of the top digital innovations of 2022 that will benefit businesses globally.

Ojasvi Nath Assistant Editor, Spiceworks Ziff Davis Last Updated: April 27, 2022





It's hard to overlook the influence of technology on business, let alone the breakneck pace at which it's evolving. Regardless of an organization's size, technological developments like AI and cloud databases are swiftly forming an ever-evolving template for how we do business in the future. Experts predict significant "digital innovation" breakthroughs in 2022 that will benefit corporations globally. Today, organizations are implementing new-age technologies such as AI/ML, RPA, hyper-automation, and those supporting diverse roles and processes to modernize operations. However, businesses are going beyond process automation in silos to

usher a meaningful transformation. Companies are developing future-proof strategies that integrate the organization's mission and culture with its pocket of innovation. That's why business leaders are looking at the full impact of each change rather than focusing on individual areas. Hemant Makhija ☑, the global marketing head at Newgen Software Technologies, describes the modern tech world as a "digital experience economy" that thrives on a customer-centric approach—constantly innovating and adopting new technologies to distinguish a business and lend it a competitive advantage.

Organizations continue to spend fortunes on digital transformation initiatives to

sustain the increasing number of digital consumers; however, many still struggle

to capture the real value from it, Makhija says.

Technologies

operate in 2022.

chain to human resources (HR).

not all candidates play by the same rules.

Intelligent Process Automation (IPA)

Contextual Content Services

Adopting a digital innovation within a company can lead to one or more of these outcomes – business growth, customer satisfaction, and higher profitability. Hemant Makhija – global marketing head, Newgen Software

Top Digital Innovations That Will Shape **Today's Business**

Blockchain has burgeoned beyond its initial cryptocurrency application. Jim

modern enterprises. By offering built-in audit trails, blockchain business

Stefanchin , HCM research director at Aberdeen Strategy & Research, believes

applications will bring efficiencies and cost reductions to functions from supply

In simpler words, a blockchain is a distributed, shared digital ledger system in

which transactions are verified and stored so that tampering with data is almost

impossible. Integrating blockchain technology with HR can automate business

processes, enhance transaction speed by lowering settlement process time, and

that today, Blockchain 2.0 technologies are conceptualized to provide value across

Integrating Blockchain into HR

Let's look at the top digital innovations that can revolutionize the way businesses

maintain financial transparency. See More: Why Blockchain Will Redefine the Internet of Things (IoT) Stefanchin thinks HR is doubling down on technology to drive agile people

operations and increase speed to a decision by placing reliable, actionable data

insights at the forefront. The Great Resignation has brought an "exponential rise"

associated cost-of-hire are "quickly escalating" as recruiters expend resources to

source, screen, and select the most qualified candidates possible. Unfortunately,

in turnover to companies of all shapes and sizes. Additionally, the time-to-hire and

With the existence of less than accurate educational reporting systems, inflated job titles, and subjective references, blockchain offers to level the playing field by putting valid, trusted data in the hands of its users, he adds. "Thanks to blockchain technology, which will also help the HR managers along with job seekers to experience enhanced talent acquisition methods. Education, experiences, and critical talents will be non-fungible — this should be a successful combination," Stefanchin tells Toolbox.

Technologies fueling digital transformation

Makhija gives out his top three preferences for 2022, which he thinks can help

companies kickstart an effective digital transformation and extract real values.

Low code Gartner forecasts

that low code application platforms will be responsible for 65% of application development activity by 2024. Enterprises are increasingly leveraging low code to deliver mission-critical and enterprise-grade applications quickly, cater to the changing needs of the digital-first customers and respond to unforeseen scenarios in the shortest time span.

IPA technologies enable enterprises to digitize end-to-end business processes and

the customer journey. The technology offers a number of benefits to enterprises,

such as unifying operations, accelerating processes, and reducing error rates, but

most importantly, it helps in streamlining employee and customer-facing

DevOps, DevSecOps, AIOps, MLOps, GitOps, and BizDevOps have become

Bob Lamendola ☑, the senior vice president, technology and head of digital

market and discussion around AI applications, capabilities and operations,

especially as they pertain to security operations," he adds. Most AIOps are

presently focused on infrastructure assets and security elements, which will push

accelerate processes cross-functionally to improve the quality of what they are

services center at Ricoh, contemplates how companies will continue to find ways to

synonyms for XOps, an umbrella name for a collection of IT operational

Contextual content services (traditional enterprise content management – ECM) play a key role for enterprises to power their automation initiatives. The right tools in the ECM platform, like intelligent taxonomy and cognition, bring context to business processes, empowering users to make smart decisions with relevant information, ensure accurate data extraction, and mitigate risks by managing the overall content lifecycle.

delivering, be it with DevOps, DataOps, MLOps or AIOps. Take, for example, AIOps (Artificial Intelligence Operations). "Next year, more small and mid-size companies will make an investment in AI and we will see compression in the

Metaverse

year - metaverse.

To conclude

digital innovation.

Governance

Share This Article:

Ojasvi Nath

Assistant Editor, Spiceworks Ziff Davis

XOps

disciplines.

journeys.

See More: <u>Big Tech is Betting Big on Metaverse</u>: <u>Should Enterprises Follow</u> Suit?

The giant leap for digital innovation has been blockchain, which has shown the

most practical usage over time. Quantum computing would also be in the top-tier

of cutting-edge technology of our time. Joining the league is the buzzword of the

Aleksandr Valentij , the chief information security officer at Surfshark, says, "As

for popular social technology, the metaverse is getting a fair share of the limelight

not only because of noticeable interest from big tech companies. Even if the

into endpoint computing with the influx of remote and hybrid work.

general public may view it as yet another tech gimmick, the market eventually will find a way to lure the masses into it. Mortgages to buy virtual property in metaverse are being issued as we speak. That business model exploded last year, and by estimates, sales exceeded \$500 million in 2021." Enterprises and consumers are already beginning to benefit from metaverse experiences. "As enterprises accelerate their digital transformation, metaverses can help empower employees, optimize operations, transform products, and better engage customers," a Microsoft spokesperson told Toolbox. For example, Accenture has created a virtual replica of their physical offices, allowing globally distributed employees to connect as if they are physically together, even when they are not. Similarly, the spokesperson added that ABInBev has created virtual models of their

breweries and supply chain, which are kept up to date with real-world IoT data.

Thanks to digital innovation, companies need to rethink their operations in

many corporate goals into smaller, more manageable portions and employ

technology to accomplish them rapidly. Enterprises may utilize a low-code

platform-based approach that includes all three pillars – content, process, and

communication – to help them navigate complex business scenarios, eliminate

this, and more, may assist businesses in realizing their full potential through

silos, and ensure a contextual relationship with customers. Alternatively, use the

Blockchain technique in HR tech to streamline time-consuming operations. All of

various ways. A digital transformation policy can allow companies to break down

Which digital innovation can make an impact on your organization this year? Tell us more on <u>LinkedIn</u> <u>\(\mathbb{L} \), <u>Twitter</u> <u>\(\mathbb{L} \), or <u>Facebook</u> <u>\(\mathbb{L} \). We'd love to hear from</u></u></u> you! MORE FROM ABERDEEN STRATEGY & RESEARCH <u>Unified Data Integration- Why the Whole is Greater Than the Sum</u>

Impact of Unified Data Integration: Enhanced Data Flow and Fortified

in

<u>Top 5 Common-Sense Strategies for Database Compliance in 2021</u>

cloud, AI, emerging tech innovation to hardware. Being a philomath, Ojasvi thinks knowledge is like a Pierian spring. The more you dive in, the more you learn. You can reach out to her at ojasvi.nath@swzd.com

Community to find answers.

Take me to Community

Ojasvi Nath is Assistant Editor for Toolbox and covers varied aspects of technology.

With a demonstrated history of working as a business writer, she has now switched

her interest to technology and handles a broad range of topics from cybersecurity,

Do you still have questions? Head over to the Spiceworks

The Big Data-IoT Relationship: How They

Never Miss a Revenue Moment With Intent

Popular Articles

Help Each Other

and Pre-Intent Data The Race to Net-Zero Emissions by 2030

Artificial Intelligence

Recommended Reads

Adaptability: The Key to Leveraging AI, IoT, NFTs, the Cloud and the Metaverse



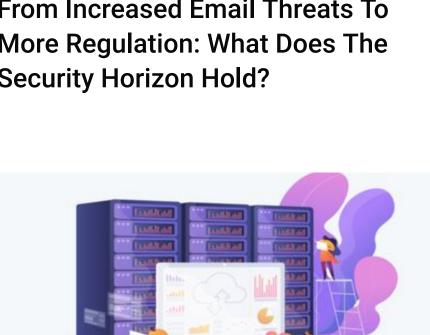


Lens of Human Impact

Data Security

Viewing Data Security Through the

Innovation **How to Ensure Successful Digital** Transformation in 2023 and Beyond





About Contact

spiceworks Support SpiceWorld Advertise Press / Media Blog **About Editorial** Careers

Innovation

Analysis

© Copyright 2006 - 2023 Spiceworks Inc.

Privacy -

Sitemap · Privacy Policy · Terms of Use · Guidelines · Accessibility Statement · Do Not Sell My Personal Information

How to Improve Team Efficiency

Through Process Automation and