



*Centredoc Emerging Technology Insight
Special edition: Virtual Reality & Augmented Reality*

*Your Gateway
To Disruptive Technologies
From Around The World*

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Editorial

Virtual reality is opening the doors for a brand-new customer experience. Without having to be on sight, the product can almost be touched and felt as if it was real. Elderly people can visit stores without having to move to them. Production people can be trained and receive instructions through augmented reality directly on the shop floor in real time. And this is only the beginning. Read in this extract of articles how we are moving towards extended reality as a standard for our day to day lives.

Is Virtual Reality Safe? Understanding the Risks and Benefits of VR Headsets



Is Virtual Reality Safe? Understanding the Risks and Benefits of VR Headsets

As the Playstation VR gains popularity, many are expressing interest in trying it out, but some are hesitant due to previous experiences of feeling nauseous during virtual museum tours. It's undeniable that some users may experience dizziness or eye fatigue while using virtual reality headsets. However, it's

important to note that these experiences are not inherently dangerous. In fact, they are no more dangerous than using other electronic devices or walking on a treadmill.

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This Google patent shows how we'll buy future AR smartglasses



Google has been awarded a patent for a fitting system, that guides the user in choosing the right frames and elements for perfect sizing – as well as factoring in the needs of glasses wearers

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What Is Virtual Reality Production?



The history of virtual reality video production dates back to the 1960s, when Ivan Sutherland, a computer scientist, created the first head-mounted display (HMD) called the Sword of Damocles. However, it wasn't until the 1990s that virtual reality (VR) became commercially viable and VR video production began.

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How edge devices and infrastructure will shape the metaverse experience



Decentralized edge data centers and devices will play a crucial role in the metaverse by revolutionizing how we experience the virtual world.

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Building a better metaverse through diversity, equity and inclusion



All social communities will have a space in the metaverse, and we must instill DEI values in the infrastructure of this new virtual world.

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How Phygital Takes The Metaverse Into Mass Adoption, And What That Means For Businesses



In short, the phygital metaverse merges products, people and purpose with an immersive, blockchain-based digital world. It is based on three primary pillars.

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Demystifying the metaverse: How CIOs can keep it real



Amidst the hype around the metaverse, CIOs are tasked with understanding the reality of the technology and its business potential.

As the hype around the coming metaverse continues, CIOs find themselves tasked with understanding the reality of the technology and its business potential.

Not long ago, many CIOs viewed it as a futuristic, far-off idea without practical enterprise application. But as the technology advances, and use cases begin to appear, the metaverse has fitfully begun to take shape.

New, fully immersive ways of collaborating and communicating digitally are already impacting business, giving enterprises that embrace it a competitive edge.

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The emergence and staying power of the metaverse



From gaming and travel to commerce to accessibility, here are some of the ways the metaverse will become a significant part of our lives.

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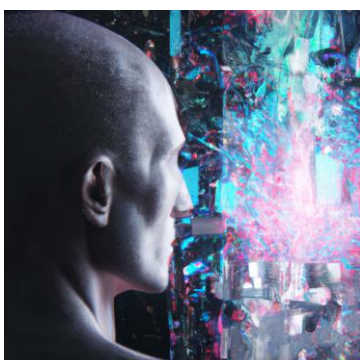
While the metaverse is still the future, what's now?



Brands' current experiments with virtual reality show that technologies developed for Web3 and the metaverse are already impacting our lives.

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How deep learning will ignite the metaverse in 2023 and beyond



Deep learning algorithms are being integrated into the metaverse to improve communication and interaction with customers and visitors.

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Is virtual reality the future of remote work?



According to an estimation by the career website Ladders, 25% of all professional jobs in North America are remote. Many times that includes using video conferencing websites to collaborate, but some companies are taking it a step further and utilizing the power of virtual reality to conduct their work.

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The Metaverse Is More Than Just Those Goggles



Welcome to the metaverse. The internet with a sense of presence. At its core, the concept of the metaverse is a 3D interface or digital layer that allows us to access information and interact or communicate with others in a more natural and frictionless engagement.

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What is a chief metaverse officer and why are companies like Disney and P&G appointing one?



To be ready for the metaverse, your company might need a chief metaverse officer (CMTO), someone who has both vision and technical expertise.

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The Development In Ethics Across VR And AR In The Media



There are of course very serious consequences if integration into the metaverse, VR/AR skewing worlds are not properly looked at from a data and ethics perspective. I look at areas that are important in its adoption.

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Virtual Reality and Augmented Reality: The Future of the Hybrid Workplace



Maximizing employee productivity is an ongoing challenge for every organization. Research shows that the best companies are 40% more productive than other companies and that productivity is more valuable than efficiency. To increase worker productivity, companies are adopting new tools and technologies, including virtual reality and augmented reality. VR and AR have the potential to dramatically transform our work

lives, giving workers new skills and greater flexibility. Incorporating AR/VR into the workplace will enhance the remote work experience and give hybrid workers new tools when away from the office.

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